

## Inclusion/Exclusion Documentation Rapid Review RunSoC

Rayyan Key	Title	Year	Authors	URL	Decisions&Discussion
rayyan-155415759	FPGA-based object detection for autonomous driving system	2019	Harada, Kenichi and Kanazawa, Kenji and Yasunaga, Moritoshi	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084806384&amp;doi=10.1109%2fICFPT47387.2019.00094&amp;partnerID=40&amp;md5=5247d72e6339ebd6b40c6c336c8793e1">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084806384&amp;doi=10.1109%2fICFPT47387.2019.00094&amp;partnerID=40&amp;md5=5247d72e6339ebd6b40c6c336c8793e1</a>	{"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: {"Reviewer1"=>["It focuses on object detection for autonomous driving"]}
rayyan-155415760	Accident Avoidance and Detection on Highways	2023	Prasad, Deepak and Anand, Ashutosh and Sateesh, Vishnu Anugrahith and Surshetty, Sanjay Kumar and Nath, Vijay	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135097127&amp;doi=10.1007%2f978-981-19-1906-0_44&amp;partnerID=40&amp;md5=dd1d731ba69dfe6f91399c71d4d63674">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135097127&amp;doi=10.1007%2f978-981-19-1906-0_44&amp;partnerID=40&amp;md5=dd1d731ba69dfe6f91399c71d4d63674</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: {"Reviewer1"=>["Model to identify signs of tiredness of drivers"]}
rayyan-155415761	Algorithm Design of Early Warning Seatbelt Intelligent Adjustment System Based on Neural Network and Big Data Analysis	2020	Zhou, Chunxu	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097068529&amp;doi=10.1155%2f2020%2f7268963&amp;partnerID=40&amp;md5=b3189feca05c7ca5fee057a465b5361d">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097068529&amp;doi=10.1155%2f2020%2f7268963&amp;partnerID=40&amp;md5=b3189feca05c7ca5fee057a465b5361d</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: {"Reviewer1"=>["Seatbelt adjustment warning"]}
rayyan-155415762	Development and application of aerial spray droplets deposition performance measurement system based on spectral analysis technology	2017	Zhang, Ruirui and Wen, Yao and Yi, Tongchuan and Chen, Liping and Xu, Gang	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044182555&amp;doi=10.11975%2fj.issn.1002-6819.2017.24.011&amp;partnerID=40&amp;md5=775983caaf8c78c8a691d673ad49d84b">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044182555&amp;doi=10.11975%2fj.issn.1002-6819.2017.24.011&amp;partnerID=40&amp;md5=775983caaf8c78c8a691d673ad49d84b</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: {"Reviewer1"=>["Aerial spray in agriculture ?!"]}
rayyan-155415763	Remote engine shutdown system with theft alert via sms for vehicle owners	2024	Miniappan, P.K. and Krishnan, R. and Hussain, Laeth and Bheemanpally, Yamuna and Karuna, Gottur	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85203837273&amp;doi=10.1051%2fe3sconf%2f202456407008&amp;partnerID=40&amp;md5=7f4522aa8491f8c0f2f0c51cd8a6d8d5">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85203837273&amp;doi=10.1051%2fe3sconf%2f202456407008&amp;partnerID=40&amp;md5=7f4522aa8491f8c0f2f0c51cd8a6d8d5</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: {"Reviewer1"=>["Anti theft"]}
rayyan-155415764	Monitoring the Indoor Parking Availability Using MATLAB	2023	Mansor, Zuhanis and Maharum, Siti Marwangi Mohamad and Ahmad, Izanoordina and Ramli, Abdul Manan and Shariffuddin, Nor Shaftiqin	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85195453061&amp;doi=10.1109%2fICE2T58637.2023.10540555&amp;partnerID=40&amp;md5=39aaa688cdabc230bb0e9a175eb8ca6a">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85195453061&amp;doi=10.1109%2fICE2T58637.2023.10540555&amp;partnerID=40&amp;md5=39aaa688cdabc230bb0e9a175eb8ca6a</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: {"Reviewer1"=>["Parking monitoring system"]}
rayyan-155415765	Deploying and Scheduling Vision Based Advanced Driver Assistance Systems (ADAS) on Heterogeneous Multicore Embedded Platform	2015	Hammond, Maen and Qu, Guangzhi and Rawashdeh, Osamah A.	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961684955&amp;doi=10.1109%2fFCST.2015.69&amp;partnerID=40&amp;md5=a45c0d9a22395c35b2e148c834222c32">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961684955&amp;doi=10.1109%2fFCST.2015.69&amp;partnerID=40&amp;md5=a45c0d9a22395c35b2e148c834222c32</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Included", "Reviewer1"=>"Included"}   RAYYAN-LABELS: Paper describes a practice to map automotive software components to SoC   USER-NOTES: {"Reviewer1"=>["Method: a workflow to easily deploy and schedule multiple vision based ADAS applications on heterogeneous multi-core platform. Area: partitioned, real-time operating systems that execute on heterogeneous multicore system on chip environment"], "Reviewer2"=>["Agree with inclusion: Explores 'heterogeneous multicore embedded System on Chip'; Describes workflow to deploy ADAS applications on heterogeneous multi-core platform; -> All the three ICs are mostly covered."]}
rayyan-155415766	Fully Hardware based Robust Self-Diagnostics of Analog Comparator for Safety Critical Applications	2019	Kumar, G. Anand	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087495383&amp;doi=10.1109%2fINTEC48298.2019.9112131&amp;partnerID=40&amp;md5=4b6d7dab9c576c039197968f08c0ec7">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087495383&amp;doi=10.1109%2fINTEC48298.2019.9112131&amp;partnerID=40&amp;md5=4b6d7dab9c576c039197968f08c0ec7</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: {"Reviewer1"=>["Self-diagnostics method for the analog comparator module"]}
rayyan-155415767	Efficient Software-Implemented HW Fault Tolerance for TinyML Inference in Safety-critical Applications	2023	Sharif, Uzair and Mueller-Gritschneider, Daniel and Stahl, Rafael and Schlichtmann, Ulf	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162720560&amp;doi=10.23919%2fDATE56975.2023.10137207&amp;partnerID=40&amp;md5=2be76110af8cfd9dd7f4340ce12604ae">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162720560&amp;doi=10.23919%2fDATE56975.2023.10137207&amp;partnerID=40&amp;md5=2be76110af8cfd9dd7f4340ce12604ae</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: {"Reviewer1"=>["Techniques to protect TinyML inference against random soft errors with the target to reduce run-team overhead"]}
rayyan-155415768	An 176.3 GOPs Object Detection CNN Accelerator Emulated in a 28nm CMOS Technology	2021	Lu, Ying-Cheng and Chen, Ching-Wen and Pu, Ching-Chun and Lin, Yang-Tung and Jhan, Jyun-Kai and Liang, Shu-Ping and Tseng, Wei-Lun and Chen, Chi-Shi and Yu, Chao-Yang and Wang, Hsiu-Wen and Shuai, Hong-Han and Chiueh, Herming	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113346798&amp;doi=10.1109%2fICAS51828.2021.9458492&amp;partnerID=40&amp;md5=69fbef3c58d3e6af2f5666e442ffadeb">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113346798&amp;doi=10.1109%2fICAS51828.2021.9458492&amp;partnerID=40&amp;md5=69fbef3c58d3e6af2f5666e442ffadeb</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: {"Reviewer1"=>["SoC based object-detection"]}
rayyan-155415769	Cost efficient intelligent vehicle surveillance system	2018	Kiran, S.L. and Supriya, M.	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028383854&amp;doi=10.1007%2f978-3-319-63673-3_32&amp;partnerID=40&amp;md5=40a15f47b921860cb2433d2f2f1c7c74">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028383854&amp;doi=10.1007%2f978-3-319-63673-3_32&amp;partnerID=40&amp;md5=40a15f47b921860cb2433d2f2f1c7c74</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: {"Reviewer1"=>["System to track vehicle"]}
rayyan-155415770	A study on the Bang-Bang controller applied to electrical vehicle	2016	Bae, Jong-Il	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976314690&amp;doi=10.5370%2fKIEE.2016.65.6.1089&amp;partnerID=40&amp;md5=712e4c5f6e3a5140547a5d041b5983f6">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976314690&amp;doi=10.5370%2fKIEE.2016.65.6.1089&amp;partnerID=40&amp;md5=712e4c5f6e3a5140547a5d041b5983f6</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: {"Reviewer1"=>["Controller design technique of series wound motor driver system"]}

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rayyan-155415771	Improving the safety and security of wide-area cyber-physical systems through a resource-aware, service-oriented development methodology	2018	Tariq, Muhammad Umer and Florence, Jacques and Wolf, Marilyn	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030781846&amp;doi=10.1109%2fJPROC.2017.2744645&amp;partnerID=40&amp;md5=0d96d1502ee3dcb39d44e3e7f4bac792">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030781846&amp;doi=10.1109%2fJPROC.2017.2744645&amp;partnerID=40&amp;md5=0d96d1502ee3dcb39d44e3e7f4bac792</a>	RAYYAN-INCLUSION: (""Reviewer2""=>""Excluded"", ""Reviewer1""=>""Excluded"")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: (""Reviewer1""=>[""Service-oriented development methodology for wide-area cyber-physical systems""])
rayyan-155415772	Real-Time Tunnel-Magnetoresistive-Based Pulsed Eddy Current Testing with Deep Learning	2024	Meng, Tian and Xiong, Lei and Zheng, Xinnan and Tao, Yang and Yin, Wuliang	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85188503492&amp;doi=10.1109%2fJSEN.2024.3373756&amp;partnerID=40&amp;md5=3c3a1e088b40e79a8dddca0266032b7c">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85188503492&amp;doi=10.1109%2fJSEN.2024.3373756&amp;partnerID=40&amp;md5=3c3a1e088b40e79a8dddca0266032b7c</a>	RAYYAN-INCLUSION: (""Reviewer2""=>""Excluded", "Reviewer1""=>""Excluded"")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: (""Reviewer1""=>[""metal in Industrial area""])
rayyan-155415773	A smart city environmental monitoring network and analysis relying on big data techniques	2018	Tahat, Ashraf and Aburub, Ruba and Al-Zyoude, Aseel and Talhi, Chamseddine	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045414108&amp;doi=10.1145%2f3178461.3178464&amp;partnerID=40&amp;md5=1ce01f6dcb94a3831dcca2f267c15a2d">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045414108&amp;doi=10.1145%2f3178461.3178464&amp;partnerID=40&amp;md5=1ce01f6dcb94a3831dcca2f267c15a2d</a>	RAYYAN-INCLUSION: (""Reviewer2""=>""Excluded", "Reviewer1""=>""Excluded"")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: (""Reviewer1""=>[""Environmental monitoring system""])
rayyan-155415774	Development of Autonomous Driving System based on Image Recognition using Programmable SoCs	2021	Yamamoto, Ryohei and Izumi, Yuki and Aono, Ryo and Nagahara, Takumi and Tanaka, Tomonari and Liao, Wang and Mitsuyama, Yukio	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123198707&amp;doi=10.1109%2fICFPT52863.2021.9609811&amp;partnerID=40&amp;md5=7ed5b6311fb578206858498532138f80">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123198707&amp;doi=10.1109%2fICFPT52863.2021.9609811&amp;partnerID=40&amp;md5=7ed5b6311fb578206858498532138f80</a>	RAYYAN-INCLUSION: (""Reviewer2""=>""Excluded", "Reviewer1""=>""Excluded"")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: (""Reviewer1""=>[""Object detection and recognition""])
rayyan-155415775	Design and Implementation of an Embedded Data Acquisition System for Vehicle Vertical Dynamics Analysis	2023	Venceslau de Souto, Joyce Ingrid and Barbosa da Rocha, Álvaro and Duarte, Raimundo Nonato Calazans and de Moura Fernandes, Eisenhauer	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179137795&amp;doi=10.3390%2fs23239491&amp;partnerID=40&amp;md5=b627846d9f848d02ffb65b623d27a235">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179137795&amp;doi=10.3390%2fs23239491&amp;partnerID=40&amp;md5=b627846d9f848d02ffb65b623d27a235</a>	RAYYAN-INCLUSION: (""Reviewer2""=>""Excluded"", ""Reviewer1""=>""Excluded"")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: (""Reviewer1""=>[""Data acquisition system for vehicle dynamics analysis""])
rayyan-155415776	Accelerated and optimized covariance descriptor for pedestrian detection in self-driving cars	2023	Abid, Nesrine and Ammari, Ahmed. C. and Al Maashri, Ahmed and Abid, Mohamed and Awadalla, Medhat	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153785029&amp;doi=10.1007%2fs10617-023-09273-9&amp;partnerID=40&amp;md5=c8195a875fb74480b8209937718d983f">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153785029&amp;doi=10.1007%2fs10617-023-09273-9&amp;partnerID=40&amp;md5=c8195a875fb74480b8209937718d983f</a>	RAYYAN-INCLUSION: (""Reviewer2""=>""Excluded", "Reviewer1""=>""Excluded"")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: (""Reviewer1""=>[""Object detection""])
rayyan-155415777	The Design of Temperature Measurement Intelligent Vehicle on MCU	2019	Mingtao, Li and Weiting, Yang	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083318756&amp;doi=10.1145%2f3378065.3378109&amp;partnerID=40&amp;md5=95e8fca06a44f3d815d61e133d78ad36">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083318756&amp;doi=10.1145%2f3378065.3378109&amp;partnerID=40&amp;md5=95e8fca06a44f3d815d61e133d78ad36</a>	RAYYAN-INCLUSION: (""Reviewer2""=>""Excluded", "Reviewer1""=>""Excluded"")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: (""Reviewer1""=>[""temperature measurement intelligent vehicle""])
rayyan-155415778	A Runtime Manager Integrated Emulation Environment for Heterogeneous SoC Design with RISC-V Cores	2024	Umut Suluhan, H. and Gener, Serhan and Fusco, Alexander and Mack, Joshua and Dagli, Ismet and Belviranlı, Mehmet and Edemen, Cagatay and Akoglu, Ali	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85200734554&amp;doi=10.1109%2fIPDPSW63119.2024.00013&amp;partnerID=40&amp;md5=a39df156d4f7679fa4877f2a21c9a5b2">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85200734554&amp;doi=10.1109%2fIPDPSW63119.2024.00013&amp;partnerID=40&amp;md5=a39df156d4f7679fa4877f2a21c9a5b2</a>	RAYYAN-INCLUSION: (""Reviewer2""=>""Included", "Reviewer1""=>""Included"")   RAYYAN-LABELS: Paper describes properties of SoC design partitions, Paper describes properties of automotive software components   USER-NOTES: (""Reviewer1""=>[""Why include: we demonstrate the capability of CEDR in supporting heterogeneous systems composed of RISC-V cores and a pool of accelerators. We perform evaluations on a heterogeneous SoC emulated on the Xilinx Virtex-7 FPGA based on execution of applications from radar, signal processing, and autonomous vehicles domains.""], "Reviewer2""=>[""Agree with inclusion: The study discusses SoC design partitions and deployment approaches -> IC1 and IC3 met; To be analyzed if also IC2 is met - is the accelerator management the 'SWC' here?"])
rayyan-155415779	Failure prognostics of heavy vehicle hydro-pneumatic spring based on novel degradation feature and support vector regression	2019	Yang, Cheng and Song, Ping and Liu, Xiongjun	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017605645&amp;doi=10.1007%2fs00521-017-2986-8&amp;partnerID=40&amp;md5=aa0aa5b35dc83f57b3a16cc1b64ce25a">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017605645&amp;doi=10.1007%2fs00521-017-2986-8&amp;partnerID=40&amp;md5=aa0aa5b35dc83f57b3a16cc1b64ce25a</a>	RAYYAN-INCLUSION: (""Reviewer2""=>""Excluded", "Reviewer1""=>""Excluded"")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: (""Reviewer1""=>[""hydro-pneumatic spring""])
rayyan-155415780	Multi-Level Prototyping of a Vertical Vector AI Processing System	2024	Kautz, Frederik and Gesper, Sven and Thieu, Gia Bao and Bluethgen, Hans-Martin and Blume, Holger and Paya-Vaya, Guillermo	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85203105689&amp;doi=10.1109%2fASAP61560.2024.00011&amp;partnerID=40&amp;md5=bf1513ef46077f3b3501a8bbccdef85db">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85203105689&amp;doi=10.1109%2fASAP61560.2024.00011&amp;partnerID=40&amp;md5=bf1513ef46077f3b3501a8bbccdef85db</a>	RAYYAN-INCLUSION: (""Reviewer2""=>""Excluded", "Reviewer1""=>""Excluded"")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: (""Reviewer1""=>[""Virtual prototype of a neural network processing platform""])
rayyan-155415781	A Micro Architectural Events Aware Real-Time Embedded System Fault Injector	2024	Magliano, Enrico and Carpegna, Alessio and Savino, Alessandro and Carlo, Stefano Di	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85195386397&amp;doi=10.1109%2fLATS62223.2024.10534595&amp;partnerID=40&amp;md5=9ea2296304d3b1d840f94e40a6e4ead2">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85195386397&amp;doi=10.1109%2fLATS62223.2024.10534595&amp;partnerID=40&amp;md5=9ea2296304d3b1d840f94e40a6e4ead2</a>	RAYYAN-INCLUSION: (""Reviewer2""=>""Excluded"", ""Reviewer1""=>""Excluded"")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: (""Reviewer1""=>[""fault injector""])
rayyan-155415782	Hardware/Software Co-design of 2D THz SAR Imaging for FPGA-based Systems-on-Chip	2022	Kamaleldin, Ahmed and Aliagha, Ensieh and Batra, Aman and Wiemeler, Michael and Kaiser, Thomas and Gohringer, Diana	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136130546&amp;doi=10.1109%2fIWMTS54901.2022.9832447&amp;partnerID=40&amp;md5=8ce890906368ce7b0dec2a81f362e34a">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136130546&amp;doi=10.1109%2fIWMTS54901.2022.9832447&amp;partnerID=40&amp;md5=8ce890906368ce7b0dec2a81f362e34a</a>	RAYYAN-INCLUSION: (""Reviewer2""=>""Excluded", "Reviewer1""=>""Excluded"")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: (""Reviewer1""=>[""THz SAR imaging""])
rayyan-155415783	High-Level synthesis assisted design and verification framework for automotive radar processors	2020	Sikka, Prateek and Asati, Abhijit R and Shekhar, Chandra	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090565191&amp;doi=10.1016%2fj.micpro.2020.103259&amp;partnerID=40&amp;md5=782c0034878586d86ccff62f049a316d">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090565191&amp;doi=10.1016%2fj.micpro.2020.103259&amp;partnerID=40&amp;md5=782c0034878586d86ccff62f049a316d</a>	RAYYAN-INCLUSION: (""Reviewer2""=>""Excluded", "Reviewer1""=>""Excluded"")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: (""Reviewer1""=>[""RADAR processing SoC""])

## Inclusion/Exclusion Documentation Rapid Review RunSoC

rayyan-155415784	SoC collaborative acceleration design method for image scaling algorithm				RAYAN-INCLUSION: (""Reviewer2""=>""Excluded"", ""Reviewer1""=>""Excluded"")   RAYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: (""Reviewer1""=>[""image scaling algorithm""])
rayyan-155415785	RISE: An automated framework for real-time intelligent video surveillance on FPGA	2017	Rouhani, Bitā Darvish and Mirhoseini, Azalia and Koushanfar, Farinaz	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030665796&amp;doi=10.1145%2f3126549&amp;partnerID=40&amp;md5=dad909e12c30a223de58b7a347bb3100">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030665796&amp;doi=10.1145%2f3126549&amp;partnerID=40&amp;md5=dad909e12c30a223de58b7a347bb3100</a>	RAYAN-INCLUSION: (""Reviewer2""=>""Excluded"", ""Reviewer1""=>""Excluded"")   RAYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: (""Reviewer1""=>[""framework for real-time background subtraction""])
rayyan-155415786	Energy-efficient scheduling for real-time tasks using dynamic slack reclamation	2019	Kannaian, Vasanthamani and Palanisamy, Visalakshi	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072617652&amp;doi=10.3906%2felk-1806-170&amp;partnerID=40&amp;md5=42953cf796cee631e6a213e41ccc19b6">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072617652&amp;doi=10.3906%2felk-1806-170&amp;partnerID=40&amp;md5=42953cf796cee631e6a213e41ccc19b6</a>	RAYAN-INCLUSION: (""Reviewer2""=>""Excluded"", ""Reviewer1""=>""Excluded"")   RAYAN-LABELS: Paper describes properties of SoC design partitions   USER-NOTES: (""Reviewer1""=>[""Why include: proposes an algorithm to effectively utilize slack time of real-time operating systems in microcontrollers. Why exclude: Does not consider automotive software components""]). ""Reviewer2""=>[""My decision would be to exclude as it does not properly answer one of the three inclusion criteria. For IC1, I miss discussion/exploration of SoC designs. For IC2, I miss any relation to automotive. For IC3, I miss clear mapping method from SWC to semi design.""])
rayyan-155415787	Implementation of a real-time stacking algorithm in a photogrammetric digital camera for UAVs	2017	Audi, Ahmad and Pierrot-Deseilligny, Marc and Meynard, Christophe and Thom, Christian	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030227492&amp;doi=10.5194%2fisprs-archives-XLII-2-W6-13-2017&amp;partnerID=40&amp;md5=b6ac7d435574fcc9c5501bdbba3c27be">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030227492&amp;doi=10.5194%2fisprs-archives-XLII-2-W6-13-2017&amp;partnerID=40&amp;md5=b6ac7d435574fcc9c5501bdbba3c27be</a>	RAYAN-INCLUSION: (""Reviewer2""=>""Excluded"", ""Reviewer1""=>""Excluded"")   RAYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: (""Reviewer1""=>[""photogrammetry for UAVs""])
rayyan-155415788	Diagnostic Coverage Estimation for Automotive SoCs Based on Colored Stochastic Petri Nets	2024	Castillo, Ernesto Cristopher Villegas and Da Silva, Felipe Augusto and Glab, Michael	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85213524625&amp;doi=10.1109%2fVLSI-SoC62099.2024.10767793&amp;partnerID=40&amp;md5=738c9683a616e97d6e69e1a96044dd6a">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85213524625&amp;doi=10.1109%2fVLSI-SoC62099.2024.10767793&amp;partnerID=40&amp;md5=738c9683a616e97d6e69e1a96044dd6a</a>	RAYAN-INCLUSION: (""Reviewer2""=>""Excluded"", ""Reviewer1""=>""Excluded"")   RAYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: (""Reviewer1""=>[""DC estimation for automotive SoCs""])
rayyan-155415789	The ZuSE-KI-Mobil AI Accelerator SoC: Overview and a Functional Safety Perspective	2023	Kempf, Fabian and Hoefer, Julian and Harbaum, Tanja and Becker, Juergen and Fasfous, Nael and Frickenstein, Alexander and Voegel, Hans-Joerg and Friedrich, Simon and Wittig, Robert and MatÄi, Emil and Fettweis, Gerhard and Lueders, Matthias and Blume, Holger and Benndorf, Jens and Grantz, Darius and Zeller, Martin and Engelke, Dietmar and Eickel, Karl-Heinz	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162703402&amp;doi=10.23919%2fDATE56975.2023.10137257&amp;partnerID=40&amp;md5=e8a668c0d5598ff0bbec7ecf38da7915">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162703402&amp;doi=10.23919%2fDATE56975.2023.10137257&amp;partnerID=40&amp;md5=e8a668c0d5598ff0bbec7ecf38da7915</a>	RAYAN-INCLUSION: (""Reviewer2""=>""Included"", ""Reviewer1""=>""Included"")   RAYAN-LABELS: Paper describes properties of SoC design partitions, Paper describes a practice to map automotive software components to SoC   USER-NOTES: (""Reviewer1""=>[""Why include: part from the System-on-Chip hardware design itself, the ZuKIMo ecosystem has the objective of providing software tooling for easy deployment of new use cases and hardware-CNN co-design""]). ""Reviewer2""=>[""Agree with inclusion: The study discusses SoC design partitions as well as requirements (AI) towards automotive SWCs -> IC1 and IC2; To be extracted: What is study referring to as non-functional requirements?""])
rayyan-155415790	Hardware/Software Co-Design for Traffic Sign Inference on Edge Using PYNQ	2024	Shabarinath, B.B. and Muralidhar, P.	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85200317808&amp;doi=10.1007%2f978-981-97-0562-7_30&amp;partnerID=40&amp;md5=9bf00db745a006593c3a86d7dddc76c9">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85200317808&amp;doi=10.1007%2f978-981-97-0562-7_30&amp;partnerID=40&amp;md5=9bf00db745a006593c3a86d7dddc76c9</a>	RAYAN-INCLUSION: (""Reviewer2""=>""Excluded"", ""Reviewer1""=>""Excluded"")   RAYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: (""Reviewer1""=>[""Traffic sign classification""])
rayyan-155415791	Real-Time Multi-Task ADAS Implementation on Reconfigurable Heterogeneous MPSoC Architecture	2023	Tatar, Guner and Bayar, Salih	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166743938&amp;doi=10.1109%2fACCESS.2023.3300379&amp;partnerID=40&amp;md5=255c00febb3716b3d62adb2e04fb7749">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166743938&amp;doi=10.1109%2fACCESS.2023.3300379&amp;partnerID=40&amp;md5=255c00febb3716b3d62adb2e04fb7749</a>	RAYAN-INCLUSION: (""Reviewer2""=>""Included"", ""Reviewer1""=>""Included"")   RAYAN-LABELS: Paper describes a practice to map automotive software components to SoC   USER-NOTES: (""Reviewer1""=>[""Why include: In this paper, a solution framework is suggested for integrating applications to multicore platform comprising a mapping of runnables, tasks, and applications to the cores.""]). ""Reviewer2""=>[""Agree with inclusion: Study discusses SoC design and requirements towards ASWCs -> IC1 and IC2; To be analyzed if and how IC3 is covered""])
rayyan-155415792	A Framework for Real-time Automotive Applications to Multicore Platform in Perspective of AUTOSAR	2019	Gupta, Priyanshi and Singh, N.P. and Srinivasan, Geetha	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082382640&amp;doi=10.1109%2fRTEICT46194.2019.9016689&amp;partnerID=40&amp;md5=25d3c797dff61e00d45381d4cb5214e6">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082382640&amp;doi=10.1109%2fRTEICT46194.2019.9016689&amp;partnerID=40&amp;md5=25d3c797dff61e00d45381d4cb5214e6</a>	RAYAN-INCLUSION: (""Reviewer2""=>""Included"", ""Reviewer1""=>""Included"")   RAYAN-LABELS: Paper describes properties of SoC design partitions, Paper describes a practice to map automotive software components to SoC   USER-NOTES: (""Reviewer1""=>[""Why include: In this paper, a solution framework is suggested for integrating applications to multicore platform comprising a mapping of runnables, tasks, and applications to the cores.""]). ""Reviewer2""=>[""Agree with inclusion: Paper discusses SoC/Multi-Core approach, ASWC requirements and how to efficiently allocate the tasks on the multi-cores -> IC1, IC2 and IC3.""])
rayyan-155415793	Scalable Fault Coverage Estimation of Sequential Circuits without Fault Injection	2018	Javvaji, Pavan Kumar and Tragoudas, Spyros and Kondapuram, Ganesh	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057088280&amp;doi=10.1109%2fISCAS.2018.8351284&amp;partnerID=40&amp;md5=1f3fa80e83fda51210a3bd109c0167a8">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057088280&amp;doi=10.1109%2fISCAS.2018.8351284&amp;partnerID=40&amp;md5=1f3fa80e83fda51210a3bd109c0167a8</a>	RAYAN-INCLUSION: (""Reviewer2""=>""Excluded"", ""Reviewer1""=>""Excluded"")   RAYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: (""Reviewer1""=>[""No relevance to our research""])

## Inclusion/Exclusion Documentation Rapid Review RunSoC

rayyan-155415794	Learning to Fly in Seconds	2024	Eschmann, Jonas and Albani, Dario and Loianno, Giuseppe	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85192182592&amp;doi=10.1109%2fLRA.2024.3396025&amp;partnerID=40&amp;md5=c32733f5885cea6caf5de096c1d6acf1">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85192182592&amp;doi=10.1109%2fLRA.2024.3396025&amp;partnerID=40&amp;md5=c32733f5885cea6caf5de096c1d6acf1</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: ("Reviewer1"=>["RL-based training paradigm fr end-to-end quadrotor control"])
rayyan-155415795	How to deploy AI software to self driving cars	2019	Brown, Gordon and Ravindran, Meenakshi and Burns, Rod and Miller, Nicolas	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069189685&amp;doi=10.1145%2f3318170.3318184&amp;partnerID=40&amp;md5=3add3187327469ceabc125b424005638">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069189685&amp;doi=10.1145%2f3318170.3318184&amp;partnerID=40&amp;md5=3add3187327469ceabc125b424005638</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Included", "Reviewer1"=>"Included")   RAYYAN-LABELS: Paper describes properties of SoC design partitions, Paper describes properties of automotive software components   USER-NOTES: ("Reviewer1"=>["Why include: We examine the memory mapping to bring in efficiency and the software pipelining & parallelism"], "Reviewer2"=>["Agree with inclusion: Study discusses a SoC design and ASWC requirements -> IC1 and IC2; IC3 to be clarified - OpenCL or SYCL as methods? Interesting: Specialized, custom design to improve certain properties. Similarly, the concept of hardware acceleration is widely used to improve dedicated properties."])
rayyan-155415796	An approach for validating safety of perception software in autonomous driving systems	2019	Rao, Deepak and Pathrose, Plato and Huening, Felix and Sid, Jithin	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075644003&amp;doi=10.1007%2f978-3-030-32872-6_20&amp;partnerID=40&amp;md5=26a3c3fc72fd4a1f8d07b23ac351af1f">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075644003&amp;doi=10.1007%2f978-3-030-32872-6_20&amp;partnerID=40&amp;md5=26a3c3fc72fd4a1f8d07b23ac351af1f</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: ("Reviewer1"=>["validation methodology to test software and system robustness"])
rayyan-155415797	Smart Street Light Monitoring System for Enhanced Energy Efficiency	2023	Thopate, Kaushalya and More, Shivam and Thakare, Komal and Waware, Rohan and Gangurde, Janhavi and Ghuge, Aarati	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168306682&amp;doi=10.1109%2fICESC57686.2023.10193465&amp;partnerID=40&amp;md5=9e7590a91af58a8681d7bfe8572442d9">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168306682&amp;doi=10.1109%2fICESC57686.2023.10193465&amp;partnerID=40&amp;md5=9e7590a91af58a8681d7bfe8572442d9</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: ("Reviewer1"=>["Street light monitoring system"])
rayyan-155415798	COMPUTER-AIDED DESIGN OF FAULT-TOLERANT HARDWARE ARCHITECTURES FOR AUTONOMOUS DRIVING SYSTEMS	2023	Julitz, Tim Maurice and Tordeux, Antoine and Lower, Manuel	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165486091&amp;doi=10.1017%2f978.2023.105&amp;partnerID=40&amp;md5=47eef9f2e65e68cb16324fc99759674">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165486091&amp;doi=10.1017%2f978.2023.105&amp;partnerID=40&amp;md5=47eef9f2e65e68cb16324fc99759674</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: ("Reviewer1"=>["No SoC and software components partition"])
rayyan-155415799	Resource-Constrained Machine Learning for ADAS: A Systematic Review	2020	Borrego-Carazo, Juan and Castells-Rufas, David and Biempica, Ernesto and Carrabina, Jordi	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081676310&amp;doi=10.1109%2fACCESS.2020.2976513&amp;partnerID=40&amp;md5=30daebe1e79874e3004a5ae8316936d5">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081676310&amp;doi=10.1109%2fACCESS.2020.2976513&amp;partnerID=40&amp;md5=30daebe1e79874e3004a5ae8316936d5</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: ("Reviewer1"=>["Various hardware model reviews for resource-constrained machine learning for ADAS"])
rayyan-155415800	The Arm triple core lock-step (TCLS) processor	2019	Iturbe, Xabier and Venu, Balaji and Ozer, Emre and Poupat, Jean-Luc and Gimenez, Gregoire and Zurek, Hans-Ulrich	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067547296&amp;doi=10.1145%2f3323917&amp;partnerID=40&amp;md5=c5039a7b823bc3585396d0bc036c90c8">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067547296&amp;doi=10.1145%2f3323917&amp;partnerID=40&amp;md5=c5039a7b823bc3585396d0bc036c90c8</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: ("Reviewer1"=>["Only focus on the performance of TCLS processor"])
rayyan-155415801	Real-Time Multi-Learning Deep Neural Network on an MPSoC-FPGA for Intelligent Vehicles: Harnessing Hardware Acceleration With Pipeline	2024	Tatar, Guner and Bayar, Salih and Cicek, Ihsan	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85193032584&amp;doi=10.1109%2fTIV.2024.3398215&amp;partnerID=40&amp;md5=09f34a10c46f5dcc6cb016b638c15c6">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85193032584&amp;doi=10.1109%2fTIV.2024.3398215&amp;partnerID=40&amp;md5=09f34a10c46f5dcc6cb016b638c15c6</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Included", "Reviewer1"=>"Included")   RAYYAN-LABELS: Paper describes a practice to map automotive software components to SoC   USER-NOTES: ("Reviewer1"=>["Why maybe: Need to investigate if this MPSoC-FPGA accelerator is in our research area"], "Reviewer2"=>["Discusses SoC proposal in detail (IC1). Discusses ASWC requirements for ADAS systems (IC2). For IC3, the study might helps us to derive how to perform SW/HW co-design."])
rayyan-155415802	Comprehensive In-field Memory Self-Test and ECC Self-Checker-Minimal Hardware Solution for FuSa	2021	Veetil, Ratheesh Thekke and Sharma, Ramesh and Gundeboyina, Swapna	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116445667&amp;doi=10.1109%2fITCIndia52672.2021.9532993&amp;partnerID=40&amp;md5=02505c2099012c24f0ff3f8ad0e5036a">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116445667&amp;doi=10.1109%2fITCIndia52672.2021.9532993&amp;partnerID=40&amp;md5=02505c2099012c24f0ff3f8ad0e5036a</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-LABELS: Paper describes a practice to map automotive software components to SoC   USER-NOTES: ("Reviewer1"=>["Why include: hardware and software system infrastructure is developed around industry standard memory test embedded instruments. \n\nWhy exclude: Should investigate if it is solely for automotive"], "Reviewer2"=>["I was not able to find valuable contribution to IC1, IC2 or IC3. The focus of this study seems more on testing of embedded memories in SoCs."])
rayyan-155415803	32nd International Conference on Architecture of Computing Systems, ARCS 2019	2019		<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065869805&amp;partnerID=40&amp;md5=04df93a171a402ba9d815fe946b8a1df">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065869805&amp;partnerID=40&amp;md5=04df93a171a402ba9d815fe946b8a1df</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publication type
rayyan-155415804	Predictable data-driven resource management: An implementation using autoware on autonomous platforms	2019	Bateni, Soroush and Liu, Cong	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083220679&amp;doi=10.1109%2fRTSS46320.2019.00038&amp;partnerID=40&amp;md5=2260d06543d4bb27f3e1a2dccdda5fd8">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083220679&amp;doi=10.1109%2fRTSS46320.2019.00038&amp;partnerID=40&amp;md5=2260d06543d4bb27f3e1a2dccdda5fd8</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Included", "Reviewer1"=>"Included")   RAYYAN-LABELS: Paper describes a practice to map automotive software components to SoC   USER-NOTES: ("Reviewer1"=>["Why include: we develop ResCue which contains a dynamic data scheduler and a flexible memory reservation scheme to ensure both temporal and spatial data availability. We implement and extensively evaluate ResCue under various settings using a popular end-to-end self-driving software Autoware on top of the AES-specific NVIDIA AGX Xavier SoC"], "Reviewer2"=>["Agree with inclusion: Study discusses SoC design NVIDIA AGX Xavier (IC1) and ASWC requirements as e.g. data-intensive (IC2); Is ResCue supporting IC3 due to dynamic data scheduling?"])

# Inclusion/Exclusion Documentation Rapid Review RunSoC

rayyan-155415805	Configuring ADAS Platforms for Automotive Applications Using Metaheuristics	2022	McLean, Shane D. and Juul Hansen, Emit Alexander and Pop, Paul and Craciunas, Silviu S.	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123067720&amp;doi=10.3389%2ffrobt.2021.762227&amp;partnerID=40&amp;md5=068e75943e1faec88991f00a545f7c04">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123067720&amp;doi=10.3389%2ffrobt.2021.762227&amp;partnerID=40&amp;md5=068e75943e1faec88991f00a545f7c04</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Included", "Reviewer1"=>"Included"}   RAYYAN-LABELS: Paper describes properties of automotive software components,Paper describes a practice to map automotive software components to SoC   USER-NOTES: {"Reviewer1"=>["Why include: we address the problem of configuring ADAS platforms for automotive applications, which means deciding the mapping of tasks to processing cores and the scheduling of tasks and messages"], "Reviewer2"=>["Agree with inclusion: Study discusses IC1, IC2, and also a mapping methods as of IC3."]}
rayyan-155415806	2017 International Conference on Computing, Communication, Control and Automation, ICCUBEA 2017	2017		<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85172520103&amp;partnerID=40&amp;md5=4ee5a35121d0002616c461e70cf3adf8">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85172520103&amp;partnerID=40&amp;md5=4ee5a35121d0002616c461e70cf3adf8</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong publication type
rayyan-155415807	Development of a Robot Car by Single Line Search Method for White Line Detection with FPGA	2018	Wakatsuki, Hiromichi and Kido, Takao and Arai, Kenta and Sugata, Yuhei and Ootsu, Kanemitsu and Yokota, Takashi and Ohkawa, Takeshi	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068328775&amp;doi=10.1109%2fFPT.2018.00088&amp;partnerID=40&amp;md5=65ea043aa003500739bb31a5a2fb4e62">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068328775&amp;doi=10.1109%2fFPT.2018.00088&amp;partnerID=40&amp;md5=65ea043aa003500739bb31a5a2fb4e62</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: {"Reviewer1"=>["image detection and processing"]}
rayyan-155415808	Design and verification of VCU system based on ISO26262	2023	Wang, Xiyang and Li, Hongpeng and Xi, Wenxia and Zhang, Dianming and Guo, Wei	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160200410&amp;doi=10.1088%2f1742-6596%2f2491%2f1%2f012036&amp;partnerID=40&amp;md5=7a97c4ebb7cc0b930d889830db277f1b">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160200410&amp;doi=10.1088%2f1742-6596%2f2491%2f1%2f012036&amp;partnerID=40&amp;md5=7a97c4ebb7cc0b930d889830db277f1b</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Included", "Reviewer1"=>"Included"}   RAYYAN-LABELS: Paper describes properties of SoC design partitions,Paper describes properties of automotive software components   USER-NOTES: {"Reviewer1"=>["Why include: functional safety design on both VCU's software and hardware level"], "Reviewer2"=>["Agree with inclusion: Study discusses Safety as ASWC requirement (IC2). To be clarified, how if IC1 and IC3 are also covered somehow."]}
rayyan-155415809	Real time vehicular data analytics utilising bigdata platforms and cost effective ECU networks	2016	Nair, Yedu C. and Neethu, P.V. and Menon, Vijay Krishna and Soman, K.P.	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984656557&amp;doi=10.17485%2fijst%2f2016%2fv9i30%2f99062&amp;partnerID=40&amp;md5=fa4a556f1d4dc350df58ac5cf7697e48">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984656557&amp;doi=10.17485%2fijst%2f2016%2fv9i30%2f99062&amp;partnerID=40&amp;md5=fa4a556f1d4dc350df58ac5cf7697e48</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: {"Reviewer1"=>["Why exclude: Analyse big data collected from different ECUs, but nothing about software/hardware partitioning"]}
rayyan-155415810	2018 22nd International Conference Electronics, ELECTRONICS 2018	2018		<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053403633&amp;partnerID=40&amp;md5=0f792aaa472c19c7017b9ab95ab5e111">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053403633&amp;partnerID=40&amp;md5=0f792aaa472c19c7017b9ab95ab5e111</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong publication type
rayyan-155415811	An Approach to the Implementation of a Neural Network for Cryptographic Protection of Data Transmission at UAV	2023	Tsmots, Ivan and Teslyuk, Vasyt and Ąkaszewicz, Andrzej and Lukashchuk, Yuri and Kazymyra, Iryna and Holovaty, Andriy and Opotyak, Yuri	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169085825&amp;doi=10.3390%2fdrones7080507&amp;partnerID=40&amp;md5=bc0be2dc6cd15620c62211cbbd5be1bb">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169085825&amp;doi=10.3390%2fdrones7080507&amp;partnerID=40&amp;md5=bc0be2dc6cd15620c62211cbbd5be1bb</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: {"Reviewer1"=>["Why exclude: focus on method to protect data transmission at UAV"]}
rayyan-155415812	Architecture Design of Q-Learning Accelerator for Intelligent Traffic Control System	2022	Sutisna, Nana and Arifuzzaki, Zulfikar N. and Syafalni, Infall and Mulyawan, Rahmat and Adiono, Trio	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146218695&amp;doi=10.1109%2fISESD56103.2022.9980698&amp;partnerID=40&amp;md5=b28ee11a32e5b77a0bfc354ab98097a0">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146218695&amp;doi=10.1109%2fISESD56103.2022.9980698&amp;partnerID=40&amp;md5=b28ee11a32e5b77a0bfc354ab98097a0</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: {"Reviewer1"=>["Why exclude: About intelligent traffic control system"]}
rayyan-155415813	Securing the internet of vehicles through lightweight block ciphers	2020	Castiglione, Arcangelo and Palmieri, Francesco and Colace, Francesco and Lombardi, Marco and Santaniello, Domenico and D'Aniello, Giuseppe	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084650313&amp;doi=10.1016%2fj.patrec.2020.04.038&amp;partnerID=40&amp;md5=54f25a598fdeb22348e7fadf6a64ee0e">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084650313&amp;doi=10.1016%2fj.patrec.2020.04.038&amp;partnerID=40&amp;md5=54f25a598fdeb22348e7fadf6a64ee0e</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: {"Reviewer1"=>["Why exclude: Focuses on securing in-vehicle devices such as microcontrollers"]}
rayyan-155415814	An open source and open hardware deep learning-powered visual navigation engine for autonomous nano-UAVs	2019	Palossi, Daniele and Conti, Francesco and Benini, Luca	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071928829&amp;doi=10.1109%2fDCOSS.2019.00111&amp;partnerID=40&amp;md5=a86ce653ec8553b29128ef755482a73a">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071928829&amp;doi=10.1109%2fDCOSS.2019.00111&amp;partnerID=40&amp;md5=a86ce653ec8553b29128ef755482a73a</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: {"Reviewer1"=>["Why exclude: autonomous navigation for nano UAV"]}
rayyan-155415815	Localization of Autonomous Vehicle with low cost sensors	2022	Albilani, Mohamad and Bouzeghoub, Amel	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146121563&amp;doi=10.1109%2fMASS56207.2022.00056&amp;partnerID=40&amp;md5=68a73ff36196f4b0ddff328d4bbd6235">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146121563&amp;doi=10.1109%2fMASS56207.2022.00056&amp;partnerID=40&amp;md5=68a73ff36196f4b0ddff328d4bbd6235</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: {"Reviewer1"=>["Why exclude: About localization of autonomous vehicle"]}
rayyan-155415816	Monitoring Framework to Support Mixed-Criticality Applications on Multicore Platforms	2022	Gala, Gautam and Rodriguez, Carlos and Monaco, Veaceslav and Castillo, Javier and Fohler, Gerhard and Falico, Veaceslav and Tverdyshev, Sergey	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146651723&amp;doi=10.1109%2fDSD57027.2022.00092&amp;partnerID=40&amp;md5=a8f40fdb2a54af813246d4f927136d6c">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146651723&amp;doi=10.1109%2fDSD57027.2022.00092&amp;partnerID=40&amp;md5=a8f40fdb2a54af813246d4f927136d6c</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Included", "Reviewer1"=>"Included"}   RAYYAN-LABELS: Paper describes properties of SoC design partitions,Paper describes properties of automotive software components   USER-NOTES: {"Reviewer1"=>["Why include: Scheduling and resource allocation framework to ensure real-time applications meet their deadline when considering resource limitation"], "Reviewer2"=>["Agree with inclusion: Study considers IC1 despite it seems in a low manner, IC2 as real-time shall be met despite shared resources and it seems also IC3 is covered by framework."]}

## Inclusion/Exclusion Documentation Rapid Review RunSoC

rayyan-155415817	Improved Latency of CAN Vehicle Data Extraction Method	2018	Khosravinia, Kavian and Hassan, Mohd Khair and Rahman, Ribhan Zafira Abdul and Al-Haddad, Syed Abdul Rahman	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057365481&amp;doi=10.1007%2f978-3-030-05081-8_2&amp;partnerID=40&amp;md5=de1b463ba15c17aad9c4d8b81cd9ea28">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057365481&amp;doi=10.1007%2f978-3-030-05081-8_2&amp;partnerID=40&amp;md5=de1b463ba15c17aad9c4d8b81cd9ea28</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: ("Reviewer1"=>["Why exclude: a system for communication with the CAN bus for improving vehicle data extraction"])
rayyan-155415818	An evolutionary approach for test program compaction	2015	Cantoro, R. and Gaudesi, M. and Sanchez, E. and Schiavone, P. and Squillero, G.	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84933544226&amp;doi=10.1109%2fLATW.2015.7102406&amp;partnerID=40&amp;md5=4ea0f8a008a6db0a57a260e8bd9f2966">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84933544226&amp;doi=10.1109%2fLATW.2015.7102406&amp;partnerID=40&amp;md5=4ea0f8a008a6db0a57a260e8bd9f2966</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: ("Reviewer1"=>["Why exclude: testing technique to check the working status of processor cores"])
rayyan-155415819	Effectiveness of software-based hardening for radiation-induced soft errors in real-time operating systems	2017	Santini, Thiago and Borchert, Christoph and Dietrich, Christian and Schirmeier, Horst and Hoffmann, Martin and Spinczyk, Olaf and Lohmann, Daniel and Wagner, Flávio Rech and Rech, Paolo	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014829961&amp;doi=10.1007%2f978-3-319-54999-6_1&amp;partnerID=40&amp;md5=355f60a0a5a1f44e461d5d8aa348e91d">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014829961&amp;doi=10.1007%2f978-3-319-54999-6_1&amp;partnerID=40&amp;md5=355f60a0a5a1f44e461d5d8aa348e91d</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: ("Reviewer1"=>["Why exclude: investigate the radiation reliability of two dependability-orientated real-time operating systems"])
rayyan-155415820	Simultaneous License Plate Recognition and Face Detection at the Edge	2023	Alim, Fikret and Kavakli, Enes and Okcu, Sefa Burak and Dogan, Ertugrul and Cigla, Cevahir	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159789424&amp;doi=10.1117%2f12.2649988&amp;partnerID=40&amp;md5=0441a4cca43136e7e3237b231590382e">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159789424&amp;doi=10.1117%2f12.2649988&amp;partnerID=40&amp;md5=0441a4cca43136e7e3237b231590382e</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: ("Reviewer1"=>["Why exclude: License plate recognition and face detection"])
rayyan-155415821	Simulation of underwater vehicle control based on code generation technology	2021	Chang, Lixin and Kui, Liwen	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104425495&amp;doi=10.1109%2fICBAIE52039.2021.9390015&amp;partnerID=40&amp;md5=3621ddb0fa338c5f3da1a858cab470dd">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104425495&amp;doi=10.1109%2fICBAIE52039.2021.9390015&amp;partnerID=40&amp;md5=3621ddb0fa338c5f3da1a858cab470dd</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: ("Reviewer1"=>["Why exclude: About automatic code generation for STM32, did not talk about mapping, also it is about underwater robot"])
rayyan-155415822	Embedded implementation of a nonlinear-observer-based AHRS	2018	Ramos-G, J. and Guerero-Castellanos, J.F. and Gonzales-Diaz, V.R. and Linares-Flores, J. and Lopez-Lopez, M. and Durand, S.	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053875672&amp;doi=10.1109%2fICUAS.2018.8453401&amp;partnerID=40&amp;md5=9df032fe8cfefce53cf43ae483c63f3b">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053875672&amp;doi=10.1109%2fICUAS.2018.8453401&amp;partnerID=40&amp;md5=9df032fe8cfefce53cf43ae483c63f3b</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: ("Reviewer1"=>["Why exclude: estimate the attitude of a rigid body from the measurements of MARG low-cost sensors"])
rayyan-155415823	Adaptive Real-Time Object Detection for Autonomous Driving Systems	2022	Hemmati, Maryam and Biglari-Abhari, Morteza and Niar, Smail	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129034641&amp;doi=10.3390%2fjimaging8040106&amp;partnerID=40&amp;md5=00c56bcb6e06dd1c9e6ce1f836fcc245">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129034641&amp;doi=10.3390%2fjimaging8040106&amp;partnerID=40&amp;md5=00c56bcb6e06dd1c9e6ce1f836fcc245</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: ("Reviewer1"=>["Why exclude: Hardware/software co-design to detect object and adapt its detection method to the lighting conditions"])
rayyan-155415824	Checkpoint based thread execution monitoring of an STM32 based flight control system using a Zynq FPGA+ARM SoC	2023	Truslow, Peter Vaughan and Gelber, Matthew and Klenke, Robert H.	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85199040346&amp;doi=10.2514%2f6.2023-1343&amp;partnerID=40&amp;md5=408b2c8e2d7ac337666ca091c1018263">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85199040346&amp;doi=10.2514%2f6.2023-1343&amp;partnerID=40&amp;md5=408b2c8e2d7ac337666ca091c1018263</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: ("Reviewer1"=>["Why exclude: instrumentation code for monitoring flight control system"])
rayyan-155415825	An integrated hardware/software design methodology for signal processing systems	2019	Li, Lin and Sau, Carlo and Fanni, Tiziana and Li, Jingui and Viitanen, Timo and Christophe, François and Palumbo, Francesca and Raffo, Luigi and Huttunen, Heikki and Takala, Jarmo and Bhattacharyya, Shuvra S.	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059818575&amp;doi=10.1016%2fj.sysarc.2018.12.010&amp;partnerID=40&amp;md5=2f3902bc568cc09c8481791002ee85a9">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059818575&amp;doi=10.1016%2fj.sysarc.2018.12.010&amp;partnerID=40&amp;md5=2f3902bc568cc09c8481791002ee85a9</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Included", "Reviewer1"=>"Included")   RAYYAN-LABELS: Paper describes properties of SoC design partitions   USER-NOTES: ("Reviewer1"=>["Why include: The development processes integrated in our approach are software implementation, hardware implementation, hardware-software co-design, and optimized application mapping"]\n\nWhy exclude: In the field of signal processing", "Reviewer2"=>["Paper got identified due to search word 'vehicle'. As our trucks or more generic automotive needs to perform 'vehicle classification', we can include as all the three ICs seem met."])
rayyan-155415826	Routing Methods Considering Security and Real-Time of Vehicle Gateway System	2020	Kim, Daehyun and Park, Jin Seo and Heurtefeux, Karel and Eom, Sungwook	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083852261&amp;doi=10.4271%2f2020-01-1294&amp;partnerID=40&amp;md5=74a721411d51d85324d22c1ecb08bda3">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083852261&amp;doi=10.4271%2f2020-01-1294&amp;partnerID=40&amp;md5=74a721411d51d85324d22c1ecb08bda3</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: ("Reviewer1"=>["Why exclude: routing method for ethernet-base communication"])
rayyan-155415827	Image Interpolation with Edges Preserving and Implementation on the Real ADAS Platform	2022	Kelava, Bozidar and Vranjes, Mario and Vranjes, Denis and Lukac, Zeljko	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149711165&amp;doi=10.1109%2fIPAS55744.2022.10052818&amp;partnerID=40&amp;md5=328c2d29b4d0faaba6335ddd90b585ab">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149711165&amp;doi=10.1109%2fIPAS55744.2022.10052818&amp;partnerID=40&amp;md5=328c2d29b4d0faaba6335ddd90b585ab</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: ("Reviewer1"=>["Why exclude: image interpolation method"])
rayyan-155415828	IMPLEMENTATION OF A WIRELESS SENSOR NETWORK FOR MONITORING AIR POLLUTANTS IN URBAN AND INDUSTRIAL AREAS	2024	Nurkamid, Mukhamad and Nur Fatin, Firman Adi and Widodo, Anteng and Widodo, Catur Edi and Suseno, Jatmiko Endro and Gunawan, Budi	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85210756820&amp;doi=10.30638%2feemj.2024.113&amp;partnerID=40&amp;md5=194b6d5aa40be39b138f5638e09de65e">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85210756820&amp;doi=10.30638%2feemj.2024.113&amp;partnerID=40&amp;md5=194b6d5aa40be39b138f5638e09de65e</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: ("Reviewer1"=>["why exclude: network of sensors for monitoring air pollutants"])

# Inclusion/Exclusion Documentation Rapid Review RunSoC

rayyan-155415829	Onboard Sensors-Based Self-Localization for Autonomous Vehicle With Hierarchical Map	2023	Xia, Chao and Shen, Yanqing and Yang, Yuedong and Deng, Xiaodong and Chen, Shitao and Xin, Jingmin and Zheng, Nanning	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127076599&amp;doi=10.1109%2fTCYB.2022.3155724&amp;partnerID=40&amp;md5=456be7efb60c822d92d4ab1c9747fice">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127076599&amp;doi=10.1109%2fTCYB.2022.3155724&amp;partnerID=40&amp;md5=456be7efb60c822d92d4ab1c9747fice</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: ("Reviewer1"=>["Why exclude: method for self-localization for autonomous vehicle"])
rayyan-155415830	Vehicle tracker system design based on GSM and GPS interface using arduino as platform	2021	Morallo, Narcisa T.	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109436819&amp;doi=10.11591%2fijeecs.v23.i1.pp258-264&amp;partnerID=40&amp;md5=160c8bf00d0e7d7057ba3264061ac047">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109436819&amp;doi=10.11591%2fijeecs.v23.i1.pp258-264&amp;partnerID=40&amp;md5=160c8bf00d0e7d7057ba3264061ac047</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: ("Reviewer1"=>["Why exclude: Vehicle tracker system"])
rayyan-155415831	Fault injection at host-compiled level with static fault set reduction for SoC firmware robustness testing	2016	Maier, Petra R. and Kleeberger, Veit and Mueller-Gritschneider, Daniel and Schlichtmann, Ulf	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006897500&amp;doi=10.1145%2f2968456.2968463&amp;partnerID=40&amp;md5=e977d27abf8cccee37e1b746464858a1">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006897500&amp;doi=10.1145%2f2968456.2968463&amp;partnerID=40&amp;md5=e977d27abf8cccee37e1b746464858a1</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: ("Reviewer1"=>["Why exclude: SoC firmware"])
rayyan-155415833	Obd-ii and big data: A powerful combination to solve the issues of automobile care	2021	Meenakshi and Nandal, Rainu and Awasthi, Nitin	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097225994&amp;doi=10.1007%2f978-981-15-7907-3_14&amp;partnerID=40&amp;md5=2abf19df88c088acb19609601d882600">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097225994&amp;doi=10.1007%2f978-981-15-7907-3_14&amp;partnerID=40&amp;md5=2abf19df88c088acb19609601d882600</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: ("Reviewer1"=>["Why exclude: use big data to monitor various parameters in the automobile"])
rayyan-155415834	Synthesis of a reconfiguration service for mixed-criticality multi-core systems: An experience report	2015	Waez, Md Tawhid Bin and WÄ...sowski, Andrzej and Dingel, Juergen and Rudie, Karen	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922324344&amp;doi=10.1007%2f978-3-319-15317-9_10&amp;partnerID=40&amp;md5=07eb3ec440dd7c3e81d104a781458606">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922324344&amp;doi=10.1007%2f978-3-319-15317-9_10&amp;partnerID=40&amp;md5=07eb3ec440dd7c3e81d104a781458606</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Included", "Reviewer1"=>"Included")   RAYYAN-LABELS: Paper describes properties of SoC design partitions   USER-NOTES: ("Reviewer1"=>["Why include: We consider a class of mixed-criticality asymmetric multi-core systems inspired by our collaboration with a leading automotive manufacturing company, for which we automatically synthesize task-level reconfiguration services to reduce the number of processing cores and decrease the cost without weakening fault-tolerance"], "Reviewer2"=>["Agree with inclusion: IC1 and IC2 are covered for the case of reconfiguration during failures; To be analyzed if IC3 is met - maybe by methodology to synthesize the services?"])
rayyan-155415835	Secure separation of shared caches in AMP-based mixed criticality systems	2015	Schnarz, P. and Fischer, C. and Wietzke, J. and Stengel, I.	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929404264&amp;doi=10.23919%2fisaiee.2015.8531890&amp;partnerID=40&amp;md5=9d18221096f0ee85cb434fbe3af640a3">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929404264&amp;doi=10.23919%2fisaiee.2015.8531890&amp;partnerID=40&amp;md5=9d18221096f0ee85cb434fbe3af640a3</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Included", "Reviewer1"=>"Included"}   RAYYAN-LABELS: Paper describes properties of automotive software components,Paper describes a practice to map automotive software components to SoC   USER-NOTES: ("Reviewer1"=>["Why include: the solution is based on a suitable mapping scheme in the intermediate address space of an asymmetric multiprocessing environment which implements the MCS"], "Reviewer2"=>["Agree with inclusion: IC1 and IC2 are discussed; IC3 seems not directly discussed - Focus seems more in memory partitioning method?"])
rayyan-155415836	Analysis and Mitigation of Hall Sensor Glitch Effects in Brushless DC Motor Based E-Vehicle Controller	2023	Goswami, Arvind and Sreejeth, Mini and Singh, Madhusudan	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163402857&amp;doi=10.1007%2f978-981-99-0969-8_8&amp;partnerID=40&amp;md5=298aaaa6ffffaea78e4025e72b6ca82b">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163402857&amp;doi=10.1007%2f978-981-99-0969-8_8&amp;partnerID=40&amp;md5=298aaaa6ffffaea78e4025e72b6ca82b</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: ("Reviewer1"=>["Why exclude: glitch effects on the inverter"])
rayyan-155415837	Optimal performance prediction of ADAS algorithms on embedded parallel architectures	2015	Saussard, Romain and Bouzid, Boubker and Vasiliu, Marius and Reynaud, Roger	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961746347&amp;doi=10.1109%2fHPPCC-CSS-ICESS.2015.95&amp;partnerID=40&amp;md5=3a2d1b137ccf1ce8861474d71bf254b1">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961746347&amp;doi=10.1109%2fHPPCC-CSS-ICESS.2015.95&amp;partnerID=40&amp;md5=3a2d1b137ccf1ce8861474d71bf254b1</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Included", "Reviewer1"=>"Included"}   RAYYAN-LABELS: Paper describes properties of SoC design partitions   USER-NOTES: ("Reviewer1"=>["Why include: we propose a novel approach to predict performances of image processing algorithms applicable on different types of computing units"], "Reviewer2"=>["Agree with inclusion: IC1 and IC2 are discussed; IC3 is brought up but also analyzed? It seems more the focus on time estimation methodology - Let's investigate when reading the full paper"])
rayyan-155415839	High-throughput field-programable gate array implementation of the advanced encryption standard algorithm for automotive security applications	2021	Sikka, Prateek and Asati, Abhijit R. and Shekhar, Chandra	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088837594&amp;doi=10.1007%2fs12652-020-02403-2&amp;partnerID=40&amp;md5=8d7e50690b39ec687cc9300167c8d253">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088837594&amp;doi=10.1007%2fs12652-020-02403-2&amp;partnerID=40&amp;md5=8d7e50690b39ec687cc9300167c8d253</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: ("Reviewer1"=>["Exclude: Focuses on advanced encryption standard for FPGAs"])
rayyan-155415840	System-on-Chip-based highly integrated powertrain control unit for next-generation Electric Vehicles: Harnessing the potential of Hybrid Embedded platforms for Advanced Model-Based Control Algorithms	2015	Dendaluze, M.	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042363044&amp;doi=10.3390%2fwevj7020311&amp;partnerID=40&amp;md5=31c3929493d9d0b6b6a2573a0ac56eb0">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042363044&amp;doi=10.3390%2fwevj7020311&amp;partnerID=40&amp;md5=31c3929493d9d0b6b6a2573a0ac56eb0</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Included", "Reviewer1"=>"Included"}   RAYYAN-LABELS: Paper describes properties of SoC design partitions,Paper describes properties of automotive software components,Paper describes a practice to map automotive software components to SoC   USER-NOTES: ("Reviewer1"=>["Why include: A controller architecture capable of exploiting the strength intrinsic to the nature of each platform type is presented, basing on the new generation of high-performance hybrid SoC platforms which combine powerful processors with cutting edge FPGAs. the concept demonstrator being implemented in this paper will combine a state-of-the-art high performance microprocessor and FPGA using a commercial SoC platform together with model-based software development tools"], "Reviewer2"=>["Agree with inclusion: IC1 and IC2 are clearly given; IC3 to be analyzed, if we can derive/extract know-how here; Interesting: Where is such a SWC to SoC design partition bestly located in V model approach?"])

## Inclusion/Exclusion Documentation Rapid Review RunSoC

rayyan-155415841	Pointnet on FPGA for real-time LiDAR point cloud processing	2020	Bai, Lin and Lyu, Yecheng and Xu, Xin and Huang, Xinming	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109321647&amp;partnerID=40&amp;md5=e9ed3c86bb1c91b1ee04d66daa7470c6">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109321647&amp;partnerID=40&amp;md5=e9ed3c86bb1c91b1ee04d66daa7470c6</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: {"Reviewer1"=>["Exclude: LiDAR data processing"]}]
rayyan-155415842	Arduino based electro-mechanical throttle controller for automotive applications	2015	Supriyo, Bambang and Tawi, Kamarul Baharin and Che Kob, Mohd Salman and Mazali, Izhari Izmi	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84943302751&amp;partnerID=40&amp;md5=7d473cf58c6f813540e9a8c882823bf9">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84943302751&amp;partnerID=40&amp;md5=7d473cf58c6f813540e9a8c882823bf9</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: {"Reviewer1"=>["Why exclude:electro-mechanical throttle conroller"]}]
rayyan-155415843	State-based real-time analysis of SDF applications on MPSoCs with shared communication resources	2015	Fakh, Maher and GrÃ¼tner, Kim and FrÃ¼nzle, Martin and Rettberg, Achim	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84944351719&amp;doi=10.11016%2fj.sysarc.2015.04.005&amp;partnerID=40&amp;md5=2d56195512c8ef19c896c68f8a98d133">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84944351719&amp;doi=10.11016%2fj.sysarc.2015.04.005&amp;partnerID=40&amp;md5=2d56195512c8ef19c896c68f8a98d133</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-LABELS: Paper describes properties of SoC design partitions   USER-NOTES: {"Reviewer1"=>["Why maybe: feels relevant but not sure"], "Reviewer2"=>["Focus is on end to end analysis of communication within MPSoCs. It might help to derive input for IC1 and IC2. When investigating the full text, it seems not relevant to our inclusion criteria though. Thus, I conclude with exclude for now."}]}
rayyan-155415844	Recent advances, scientific issues, key technologies and perspective of textile electronics				RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: {"Reviewer1"=>["Exclude: Textile electronics"]}]
rayyan-155415845	The calculation and implementation of ARM terminal data based on HADOOP platform	2017	Zhang, Wei-Guo and Yang, Jia-Xiang	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049211373&amp;doi=10.1109%2fjcsppc.2017.8242571&amp;partnerID=40&amp;md5=7de88ba07735e47ca10e600d54021bac">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049211373&amp;doi=10.1109%2fjcsppc.2017.8242571&amp;partnerID=40&amp;md5=7de88ba07735e47ca10e600d54021bac</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: {"Reviewer1"=>["Exclude: traffic data analysis"]}]
rayyan-155415846	A Framework for Fault Tolerance in RISC-V	2022	Dorflinger, Alexander and Kleinbeck, Benedikt and Albers, Mark and Michalik, Harald and Moya, Martin	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145355276&amp;doi=10.1109%2fDASC%2fPiCom%2fCBDCCom%2fCy55231.2022.9927800&amp;partnerID=40&amp;md5=92ec10eec6b8c46ee81dbdf5eb3c2381">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145355276&amp;doi=10.1109%2fDASC%2fPiCom%2fCBDCCom%2fCy55231.2022.9927800&amp;partnerID=40&amp;md5=92ec10eec6b8c46ee81dbdf5eb3c2381</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: {"Reviewer1"=>["Exclude: fault tolerance techniques into a framework for RISC-V processors"]}]
rayyan-155415847	Artificial Intelligence as a factor of public transportations system development	2022	Ushakov, Denis and Dudukalov, Egor and Shmatko, Larisa and Shatila, Khodor	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134239791&amp;doi=10.1016%2fj.trpro.2022.06.276&amp;partnerID=40&amp;md5=78d76e613afc086b5209d387c339cf25">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134239791&amp;doi=10.1016%2fj.trpro.2022.06.276&amp;partnerID=40&amp;md5=78d76e613afc086b5209d387c339cf25</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: {"Reviewer1"=>["Exclude: AI in public transportations"]}]
rayyan-155415848	ASV data logger for bathymetry mapping system	2017	Bakar, Muhammad Faiz Abu and Arshad, M.R.	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050613738&amp;doi=10.1109%2fUSYS.2017.8309457&amp;partnerID=40&amp;md5=4c26e2dec4c642a72b3151e84f927ad9">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050613738&amp;doi=10.1109%2fUSYS.2017.8309457&amp;partnerID=40&amp;md5=4c26e2dec4c642a72b3151e84f927ad9</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: {"Reviewer1"=>["Exclude: mapping system"]}]
rayyan-155415849	Enhanced supervisory control scheme for hybrid microgrid operation with virtual power plants	2024	Sahoo, Buddhadeva and Samantaray, Subhransu Ranjan and Rout, Pravat Kumar	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85196975048&amp;doi=10.1016%2fj.apenergy.2024.123741&amp;partnerID=40&amp;md5=2af1b97a011ec63ea54cd85a856978a8">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85196975048&amp;doi=10.1016%2fj.apenergy.2024.123741&amp;partnerID=40&amp;md5=2af1b97a011ec63ea54cd85a856978a8</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: {"Reviewer1"=>["Exclude: Energy management system"]}]
rayyan-155415850	Energy efficient mapping on manycore with dynamic and partial reconfiguration: Application to a smart camera	2018	Bonamy, Robin and Bilavarn, SÃ©bastien and Muller, Fabrice and Duhem, FranÃ§ois and Heywood, Simon and Millet, Philippe and Lemonnier, Fabrice	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053619362&amp;doi=10.1002%2fcta.2508&amp;partnerID=40&amp;md5=b18a3d2621f7a1ceb49bdda6d84174d">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053619362&amp;doi=10.1002%2fcta.2508&amp;partnerID=40&amp;md5=b18a3d2621f7a1ceb49bdda6d84174d</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: {"Reviewer1"=>["Exclude: Field of smart camera technology"]}]
rayyan-155415851	Hardwareâ€“Software Partitioning for Real-Time Object Detection Using Dynamic Parameter Optimization	2023	Zaharia, Corneliu and Popescu, Vlad and Sandu, Florin	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160416424&amp;doi=10.3390%2f23104894&amp;partnerID=40&amp;md5=c05a4bae2b0df3a387b1d6b4b99069d1">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160416424&amp;doi=10.3390%2f23104894&amp;partnerID=40&amp;md5=c05a4bae2b0df3a387b1d6b4b99069d1</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: {"Reviewer1"=>["Exclude: Real-time object detection computer vision algorithm"]}]
rayyan-155415852	Design of a Balanced Robot Based on Second-Order Complementary Filtering Algorithm	2023	Pan, Cunyi and Wang, Ting and Liu, Zide and Shao, Shiliang and Quan, Zhifan	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85174718650&amp;doi=10.1109%2fCYBER59472.2023.10256586&amp;partnerID=40&amp;md5=d9b53490f3217934ebd1a6fdcf324d6e">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85174718650&amp;doi=10.1109%2fCYBER59472.2023.10256586&amp;partnerID=40&amp;md5=d9b53490f3217934ebd1a6fdcf324d6e</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: {"Reviewer1"=>["Exclude: self-balancing robot system"]}]
rayyan-155415853	Multi-Processor System-on-Chip 2: Applications	2021	Andrade, Liliana and Rousseau, FrÃ©dÃ©ric	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160719815&amp;doi=10.1002%2f9781119818410&amp;partnerID=40&amp;md5=110a349674dd5b22c556d74986d1ac29">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160719815&amp;doi=10.1002%2f9781119818410&amp;partnerID=40&amp;md5=110a349674dd5b22c556d74986d1ac29</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong publication type
rayyan-155415854	Hardware implementation of SLAM algorithms: a survey on implementation approaches and platforms	2023	Eyvazpour, Reza and Shoaran, Maryam and Karimian, Ghader	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142431385&amp;doi=10.1007%2fs10462-022-10310-5&amp;partnerID=40&amp;md5=0a0f08e13c32b58a4e0a6e6ee381f385">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142431385&amp;doi=10.1007%2fs10462-022-10310-5&amp;partnerID=40&amp;md5=0a0f08e13c32b58a4e0a6e6ee381f385</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: {"Reviewer1"=>["Exclude: simultaneous localization and mapping algorithm"]}]
rayyan-155415855	Fault-effect analysis on system-level hardware modeling using virtual prototypes	2016	Tabacaru, Bogdan-Andrei and Chaari, Moomen and Ecker, Wolfgang and Kruse, Thomas and Novello, Cristiano	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017117471&amp;doi=10.1109%2fFDL.2016.7880368&amp;partnerID=40&amp;md5=2082a736be943f55ca5cf90f9ae8a217">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017117471&amp;doi=10.1109%2fFDL.2016.7880368&amp;partnerID=40&amp;md5=2082a736be943f55ca5cf90f9ae8a217</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: {"Reviewer1"=>["Exclude: Verify or falsify failures detected with virtual prototype fault simulation"]}]



# Inclusion/Exclusion Documentation Rapid Review RunSoC

rayyan-155415856	Build real-time communication for hybrid dual-OS system	2020	Dong, Pan and Jiang, Zhe and Burns, Alan and Ding, Yan and Ma, Jun	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085544086&amp;doi=10.1016%2fj.sysarc.2020.101774&amp;partnerID=40&amp;md5=ce07e65327631faf5a99d5200061ad97">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085544086&amp;doi=10.1016%2fj.sysarc.2020.101774&amp;partnerID=40&amp;md5=ce07e65327631faf5a99d5200061ad97</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Included", "Reviewer1"=>"Included")   RAYYAN-LABELS: Paper describes properties of automotive software components   USER-NOTES: ("Reviewer1"=>["Why include: functional partitioning for automotive -- hybrid dual-OS system"], "Reviewer2"=>["To be discussed: IC1 might be given (depends on full text); IC2 satisfied by sfatey and security?; IC3 not covered;", ""250224: Agreed to include between Xin and Reviewer2. Dual-OS system allows us to derive software component requirements (IC2). To check about IC1 and IC3, we have to read full text.""])
rayyan-155415857	Adaptive Vehicle Detection for Real-time Autonomous Driving System	2019	Hemmati, Maryam and Biglari-Abhari, Morteza and Niar, Smail	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066608467&amp;doi=10.23919%2fDATE.2019.8714818&amp;partnerID=40&amp;md5=3435fd1fe4bba19ce72fc7fef9673a0">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066608467&amp;doi=10.23919%2fDATE.2019.8714818&amp;partnerID=40&amp;md5=3435fd1fe4bba19ce72fc7fef9673a0</a>	RAYYAN-INCLUSION: (""Reviewer2""=>""Included"", ""Reviewer1""=>""Included"")   RAYYAN-LABELS: Paper describes properties of SoC design partitions   USER-NOTES: (""Reviewer1""=>[""Why include: 1. partially reconfiguring block on Zynq Soc to allow other functionalities of ADS on hardware.""], ""Reviewer2""=>[""Agree with inclusion: Study explores Zynq SoC (IC1); Study discusses IC2 - requirements induced by ADAS; HW/SW co-design methodology -> IC3? Again, the word reconfiguring is mentioned""])
rayyan-155415858	Embedded software timing: Methodology, analysis and practical tips with a focus on automotive	2021	Gliwa, Peter	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119491643&amp;doi=10.1007%2f978-3-030-64144-3&amp;partnerID=40&amp;md5=aeabf53349f9974e59b8fbd1ad9abcaa">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119491643&amp;doi=10.1007%2f978-3-030-64144-3&amp;partnerID=40&amp;md5=aeabf53349f9974e59b8fbd1ad9abcaa</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publication type
rayyan-155415859	Advanced HW/SW analysis for multi-core MCU systems with autosar OS awareness	2011	Reyes, Victor and Schirrmeister, Frank	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072494744&amp;partnerID=40&amp;md5=1ae36fa52d4d1154da087a468fe5bb63">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072494744&amp;partnerID=40&amp;md5=1ae36fa52d4d1154da087a468fe5bb63</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415860	2009 International SoC Design Conference, ISOC 2009	2009		<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951585907&amp;partnerID=40&amp;md5=6ff02079e5679376402dfa872d187c0c">https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951585907&amp;partnerID=40&amp;md5=6ff02079e5679376402dfa872d187c0c</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415861	Model based design and control of diesel engines	1989	Gissinger, G.L. and Renard, R. and Hassenforder, M.	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072444841&amp;doi=10.4271%2f890568&amp;partnerID=40&amp;md5=16c8273729447720e817e09d66c63de8">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072444841&amp;doi=10.4271%2f890568&amp;partnerID=40&amp;md5=16c8273729447720e817e09d66c63de8</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415862	Method for formal verification of soft-error tolerance mechanisms in pipelined microprocessors	2010	Velev, Miroslav N. and Gao, Ping	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649627510&amp;doi=10.1007%2f978-3-642-16901-4_24&amp;partnerID=40&amp;md5=0040674b512cc7fc4e8ed5ba26247d8f">https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649627510&amp;doi=10.1007%2f978-3-642-16901-4_24&amp;partnerID=40&amp;md5=0040674b512cc7fc4e8ed5ba26247d8f</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415863	32nd International Convention Proceedings: Computers in Technical Systems and Intelligent Systems	2009		<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897617053&amp;partnerID=40&amp;md5=01f72ac87909a5bd02a3822dbbd1b57b">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897617053&amp;partnerID=40&amp;md5=01f72ac87909a5bd02a3822dbbd1b57b</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415865	Safety-critical systems design	1998	Douglass, Bruce Powel	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-11744309951&amp;partnerID=40&amp;md5=32d53032cbf2d29ae2a8935a6274ebdf">https://www.scopus.com/inward/record.uri?eid=2-s2.0-11744309951&amp;partnerID=40&amp;md5=32d53032cbf2d29ae2a8935a6274ebdf</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415866	System control application for hybrid vehicles	1994	Wallentowitz, Henning and Ludes, Reinhard	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028729591&amp;doi=10.1109%2fcca.1994.381393&amp;partnerID=40&amp;md5=a63cbb158dc05599798ada4568b0b9aa">https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028729591&amp;doi=10.1109%2fcca.1994.381393&amp;partnerID=40&amp;md5=a63cbb158dc05599798ada4568b0b9aa</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415867	A 51.2 GOPS Programmable Video Recognition Processor for Vision-Based Intelligent Cruise Control Applications	2004	Kyo, Shorin and Koga, Takuya and Okazaki, Shin'ichiro and Kuroda, Ichiro	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-0842310295&amp;partnerID=40&amp;md5=1bddc721cd55b1420eaeca8b8c52ff09">https://www.scopus.com/inward/record.uri?eid=2-s2.0-0842310295&amp;partnerID=40&amp;md5=1bddc721cd55b1420eaeca8b8c52ff09</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415868	Controller Area Network (CAN) schedulability analysis: Refuted, revisited and revised	2007	Davis, Robert I. and Burns, Alan and Bril, Reinder J. and Lukkien, Johan J.	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846861495&amp;doi=10.1007%2fs11241-007-9012-7&amp;partnerID=40&amp;md5=2752edc012c955e3ebd11cf87572407c">https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846861495&amp;doi=10.1007%2fs11241-007-9012-7&amp;partnerID=40&amp;md5=2752edc012c955e3ebd11cf87572407c</a>	RAYYAN-INCLUSION: ("Reviewer2"=>""Excluded"", ""Reviewer1""=>""Excluded"")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415869	Robust real-time applications in timber	2006	Lindgren, Per and Nordlander, Johan and Kero, Martin and Eriksson, Joakim	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250903486&amp;doi=10.1109%2fEIT.2006.252112&amp;partnerID=40&amp;md5=15e01c4ea5220718ba56bdd6743e3b20">https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250903486&amp;doi=10.1109%2fEIT.2006.252112&amp;partnerID=40&amp;md5=15e01c4ea5220718ba56bdd6743e3b20</a>	RAYYAN-INCLUSION: (""Reviewer2""=>""Excluded"", ""Reviewer1""=>""Excluded"")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415870	Implementation of software timers in model-based design for body control software applications	2009	Yang, Jinming and Bauman, Jason and Beydoun, Al	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953146298&amp;doi=10.4271%2f2009-01-0273&amp;partnerID=40&amp;md5=31845a1337c4d0c2480b123fc3dd8113">https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953146298&amp;doi=10.4271%2f2009-01-0273&amp;partnerID=40&amp;md5=31845a1337c4d0c2480b123fc3dd8113</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415871	Design and construction of a PC based microcontroller controlled Vehicle Tracking System (VTS) used GPS and GSM technology	2012	Balcilar, M. and Burunkaya, M. and Ozkaraca, O.	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868127422&amp;partnerID=40&amp;md5=7e1c884074303b2e2e31402218cb1bc">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868127422&amp;partnerID=40&amp;md5=7e1c884074303b2e2e31402218cb1bc</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415872	Method to efficiently implement automotive application algorithms using Signal Processing Engine (SPE) of copperhead microcontroller	2008	Wu, Zhijian James and Chen, Li	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072465613&amp;doi=10.4271%2f2008-01-1222&amp;partnerID=40&amp;md5=66e7eb910e58a3debff8be27c48d508">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072465613&amp;doi=10.4271%2f2008-01-1222&amp;partnerID=40&amp;md5=66e7eb910e58a3debff8be27c48d508</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date

## Inclusion/Exclusion Documentation Rapid Review RunSoC

rayyan-155415873	System performance optimization methodology for infineon's 32-bit automotive microcontroller architecture	2008	Mayer, Albrecht and Hellwig, Frank	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-49749122626&amp;doi=10.1109%2fDATE.2008.4484805&amp;partnerID=40&amp;md5=162a6ffa18e979f1a2a676a33bac90d7">https://www.scopus.com/inward/record.uri?eid=2-s2.0-49749122626&amp;doi=10.1109%2fDATE.2008.4484805&amp;partnerID=40&amp;md5=162a6ffa18e979f1a2a676a33bac90d7</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415874	Proc. - Joint Meeting of the 4th Workshop on Model-Based Dev. of Computer-Based Systems and the 3rd Int. Workshop on Model-Based Methodologies for Pervasive and Embedded Software, MBD/MOMPES 2006	2006		<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897368774&amp;partnerID=40&amp;md5=03725f4c799d20f431c83f66b81a6f50">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897368774&amp;partnerID=40&amp;md5=03725f4c799d20f431c83f66b81a6f50</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415875	32nd International Convention Proceedings: Digital Economy 6th ALADIN, Information Systems Security, Business Intelligence Systems, Local Government and Student Papers	2009		<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897632207&amp;partnerID=40&amp;md5=b1e0c6616a0a2123b2dede6ca41d6e73">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897632207&amp;partnerID=40&amp;md5=b1e0c6616a0a2123b2dede6ca41d6e73</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415876	Microcontroller Approach to Functional Safety Critical Factors in Electro-Mechanical Brake (EMB) System	2014	Hwang, Gunn and Freiwald, Axel and Ahn, Hyun-Sik	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84937468876&amp;doi=10.4271%2f2014-01-2527&amp;partnerID=40&amp;md5=854933290056a4c9c9d46dce359d6fa5">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84937468876&amp;doi=10.4271%2f2014-01-2527&amp;partnerID=40&amp;md5=854933290056a4c9c9d46dce359d6fa5</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415877	A 51.2-GOPS scalable video recognition processor for intelligent cruise control based on a linear array of 128 Four-Way VLIW processing elements	2003	Kyo, Shorin and Koga, Takuya and Okazaki, Shin'ichiro and Kuroda, Ichiro	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-0242468183&amp;doi=10.1109%2fJSSC.2003.818128&amp;partnerID=40&amp;md5=6e5522d4c7c3d2200b0061a7ac93f267">https://www.scopus.com/inward/record.uri?eid=2-s2.0-0242468183&amp;doi=10.1109%2fJSSC.2003.818128&amp;partnerID=40&amp;md5=6e5522d4c7c3d2200b0061a7ac93f267</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415878	A software algorithm for the intelligent mixing of inputs to a tele-operated vehicle	1997	Stott, I.J. and Sanders, D.A. and Goodwin, M.J.	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031099362&amp;doi=10.1016%2fS1383-7621%2896%2900067-7&amp;partnerID=40&amp;md5=415a5a0e9e20610f7e5574cc29c862c2">https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031099362&amp;doi=10.1016%2fS1383-7621%2896%2900067-7&amp;partnerID=40&amp;md5=415a5a0e9e20610f7e5574cc29c862c2</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415880	A hardware/software co-design method and its evaluation to ITS image processing and driver-support systems	2004	Endo, Yu and Sawamoto, Jun and Koizumi, Hisao	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-35048891085&amp;doi=10.1007%2f978-3-540-30121-9_24&amp;partnerID=40&amp;md5=b9a48b76be050292e9eccdc4d55e5efa3">https://www.scopus.com/inward/record.uri?eid=2-s2.0-35048891085&amp;doi=10.1007%2f978-3-540-30121-9_24&amp;partnerID=40&amp;md5=b9a48b76be050292e9eccdc4d55e5efa3</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415881	Towards functional-safe timing-dependable real-time architectures	2011	Paolieri, Marco and Mariani, Riccardo	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-8005276243&amp;doi=10.1109%2fILTS.2011.5993807&amp;partnerID=40&amp;md5=722807996318e593259dbf4f93ef83da">https://www.scopus.com/inward/record.uri?eid=2-s2.0-8005276243&amp;doi=10.1109%2fILTS.2011.5993807&amp;partnerID=40&amp;md5=722807996318e593259dbf4f93ef83da</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415882	Survey of software failsafe techniques for safety-critical automotive applications	2005	Leaphart, Eldon G. and Czerny, Barbara J. and D'Ambrosio, Joseph G. and Denlinger, Christopher L. and Littlejohn, Deron	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072449961&amp;doi=10.4271%2f2005-01-0779&amp;partnerID=40&amp;md5=07cab7fe195b49791af000de21bac6a0">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072449961&amp;doi=10.4271%2f2005-01-0779&amp;partnerID=40&amp;md5=07cab7fe195b49791af000de21bac6a0</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415883	A fault grading methodology for software-based self-test programs in systems-on-chip	2010	Ballan, O. and Bernardi, P. and Fontana, G. and Grosso, M. and Sanchez, E.	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052353232&amp;doi=10.1109%2fMTV.2010.16&amp;partnerID=40&amp;md5=97776dddf59cb7aacb82092163e02570">https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052353232&amp;doi=10.1109%2fMTV.2010.16&amp;partnerID=40&amp;md5=97776dddf59cb7aacb82092163e02570</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415884	Real-time tracking management system using GPS, GPRS and Google Earth	2008	Chadil, Noppadol and Russameesawang, Apirak and Keeratiwintakorn, Phongsak	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-52949147164&amp;doi=10.1109%2fECTICON.2008.4600454&amp;partnerID=40&amp;md5=d5451069400b99a05dd9aa9eb31b54c1">https://www.scopus.com/inward/record.uri?eid=2-s2.0-52949147164&amp;doi=10.1109%2fECTICON.2008.4600454&amp;partnerID=40&amp;md5=d5451069400b99a05dd9aa9eb31b54c1</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415885	A programmable parallel processor LSI for video-based driver assistance systems	2003	Kyo, S. and Koga, T. and Okazaki, S. and Kuroda, I.	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052059618&amp;doi=10.1109%2fITSC.2003.1251959&amp;partnerID=40&amp;md5=7c5e1b8a9664d13726abbb76b75d7b9a">https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052059618&amp;doi=10.1109%2fITSC.2003.1251959&amp;partnerID=40&amp;md5=7c5e1b8a9664d13726abbb76b75d7b9a</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415886	2014 International Conference on Applied Sciences, Engineering and Technology, ICASET 2014	2014		<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84905859269&amp;partnerID=40&amp;md5=ec4d3cbd7869c60906d28f7d3f9f4da0">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84905859269&amp;partnerID=40&amp;md5=ec4d3cbd7869c60906d28f7d3f9f4da0</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415887	Proceedings of the international workshop on rapid system prototyping	2001		<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034841265&amp;partnerID=40&amp;md5=58112e27cc76f6f62bb085973ce24a74">https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034841265&amp;partnerID=40&amp;md5=58112e27cc76f6f62bb085973ce24a74</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415888	Evaluation of control algorithms for hybrid electric vehicles	2007	LivinĂE, Gheorghe and Horga, Vasile and Albu, Mihai and R���Eoi, Marcel	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751558582&amp;partnerID=40&amp;md5=772adae39a91d875aa320bb651f033ab">https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751558582&amp;partnerID=40&amp;md5=772adae39a91d875aa320bb651f033ab</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415889	Real-time electronic engine control (EEC) microprocessor software productivity	1984	Salamon Jr., P.F.	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072350167&amp;doi=10.4271%2f840444&amp;partnerID=40&amp;md5=6ca18fa85a046262d253b9e3a9c9f7a9">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072350167&amp;doi=10.4271%2f840444&amp;partnerID=40&amp;md5=6ca18fa85a046262d253b9e3a9c9f7a9</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-LABELS: Paper describes a practice to map automotive software components to SoC   RAYYAN-EXCLUSION-REASONS: wrong publish date   USER-NOTES: {"Reviewer1"=>["Why include: eec microprocessor software design. Why exclude: Abstract is bluffing but not talking about the real purpose"]}
rayyan-155415891	Integrated simulation for rapid development of autonomous underwater vehicles	1992	Brutzman, Donald P. and Kanayama, Yutaka and Zyda, Michael J.	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017607441&amp;doi=10.1109%2fAUUV.1992.225199&amp;partnerID=40&amp;md5=5b07cc0598e3332efddac1c7de613f9ab">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017607441&amp;doi=10.1109%2fAUUV.1992.225199&amp;partnerID=40&amp;md5=5b07cc0598e3332efddac1c7de613f9ab</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong publish date

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rayyan-155415892	Safety-related design in microprocessor-based automotive applications	1990	Automotive, Reviewer2	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-45149140425&amp;doi=10.1016%2F0141-9331%2890%2990125-F&amp;partnerID=40&amp;md5=a74c06215f4c578d443d5c6b2adc0c4a">https://www.scopus.com/inward/record.uri?eid=2-s2.0-45149140425&amp;doi=10.1016%2F0141-9331%2890%2990125-F&amp;partnerID=40&amp;md5=a74c06215f4c578d443d5c6b2adc0c4a</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415893	Research on motion control of underwater vehicle	2012	Wang, Jian-Guo	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866700677&amp;doi=10.1109%2FCDC.2012.6244590&amp;partnerID=40&amp;md5=5cb1b513994c161d2a82ec93340ae564">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866700677&amp;doi=10.1109%2FCDC.2012.6244590&amp;partnerID=40&amp;md5=5cb1b513994c161d2a82ec93340ae564</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415894	System level techniques to improve reliability in high power microcontrollers for automotive applications	2011	Acquaviva, Andrea and Poncino, Massimo and Otella, Marco and Sciolta, Michele	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-79957544863&amp;partnerID=40&amp;md5=f81b1e24ec6c699643924699dd5b3ef1">https://www.scopus.com/inward/record.uri?eid=2-s2.0-79957544863&amp;partnerID=40&amp;md5=f81b1e24ec6c699643924699dd5b3ef1</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415896	Computers and Navigation	1983	Rogoff, Mortimer	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020834961&amp;doi=10.1109%2fPROC.1983.12748&amp;partnerID=40&amp;md5=a83f4e7a9c9709779c10bdd99d27b4ec">https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020834961&amp;doi=10.1109%2fPROC.1983.12748&amp;partnerID=40&amp;md5=a83f4e7a9c9709779c10bdd99d27b4ec</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: ("Reviewer1"=>["Exclude: Data management for navigation"])
rayyan-155415897	Fault handling approaches on dual-core microcontrollers in safety-critical automotive applications	2008	Beckschulze, Eva and Salewski, Falk and Siegbert, Thomas and Kowalewski, Stefan	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953161636&amp;doi=10.1007%2f978-3-540-88479-8_7&amp;partnerID=40&amp;md5=eca7995a727029851adcac7ea8070ec">https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953161636&amp;doi=10.1007%2f978-3-540-88479-8_7&amp;partnerID=40&amp;md5=eca7995a727029851adcac7ea8070ec</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415898	Study on vehicle-mounted overloading control system for passenger vehicles	2011	Xu, Shanzhen and Zhao, Qian	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84055198968&amp;doi=10.1016%2fj.proeng.2011.08.224&amp;partnerID=40&amp;md5=80f4aebf99f4bd24878bcb80db1401dd">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84055198968&amp;doi=10.1016%2fj.proeng.2011.08.224&amp;partnerID=40&amp;md5=80f4aebf99f4bd24878bcb80db1401dd</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415899	Asynchronous software thread integration for efficient software implementations of embedded communication protocol controllers	2004	Kumar, Nagendra J. and Shivshankar, Siddhartha and Dean, Alexander G.	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-4544322267&amp;partnerID=40&amp;md5=4965cc5886f583e2da3481865273bdc6">https://www.scopus.com/inward/record.uri?eid=2-s2.0-4544322267&amp;partnerID=40&amp;md5=4965cc5886f583e2da3481865273bdc6</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415900	Parallelization of automotive engine control software on embedded multi-core processor using OSCAR compiler	2013	Kanehagi, Yohei and Umeda, Dan and Hayashi, Akihiro and Kimura, Keiji and Kasahara, Hironori	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881352506&amp;doi=10.1109%2fCoolChips.2013.6547921&amp;partnerID=40&amp;md5=4cc71cd5acb9e72c1e40f9abc1ee5b99">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881352506&amp;doi=10.1109%2fCoolChips.2013.6547921&amp;partnerID=40&amp;md5=4cc71cd5acb9e72c1e40f9abc1ee5b99</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415901	International Conference on Information and Communication Technologies, ICT 2010	2010		<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880711296&amp;partnerID=40&amp;md5=19c3ae182d500e9718691d9129452d8f">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880711296&amp;partnerID=40&amp;md5=19c3ae182d500e9718691d9129452d8f</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415902	Advanced electronic solutions for highly dependable systems	2001	Bannatyne, Ross and Klein, Kevin	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072468391&amp;doi=10.4271%2f2001-01-2476&amp;partnerID=40&amp;md5=e0498e89277a6ddb0e130f44d3ac14ce">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072468391&amp;doi=10.4271%2f2001-01-2476&amp;partnerID=40&amp;md5=e0498e89277a6ddb0e130f44d3ac14ce</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415903	32nd International Convention Proceedings: Microelectronics, Electronics and Electronic Technology, MEET and Grid and Visualizations Systems, GVS	2009		<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897654573&amp;partnerID=40&amp;md5=1010ce0e52f4c2d5ea30405e5cb02556">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897654573&amp;partnerID=40&amp;md5=1010ce0e52f4c2d5ea30405e5cb02556</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415904	Rapid prototyping of chassis control systems	1996	DePoyster, Mark R. and Hoying, Jack F. and Majeed, Kamal N.	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029767140&amp;partnerID=40&amp;md5=73842df0cdec505dabb3cf18a442c53e">https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029767140&amp;partnerID=40&amp;md5=73842df0cdec505dabb3cf18a442c53e</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415905	MODEL 706 SIDE-SCAN MAPPING RECORDER: A MARINE GEOPHYSICAL INSTRUMENT.	1984	King Jr., C.	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-0021586594&amp;partnerID=40&amp;md5=5e31ee89fd1016eee6004d0c72f81f41">https://www.scopus.com/inward/record.uri?eid=2-s2.0-0021586594&amp;partnerID=40&amp;md5=5e31ee89fd1016eee6004d0c72f81f41</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: ("Reviewer1"=>["Exclude: Mapping"])
rayyan-155415906	The development tool for the real-time fuzzy control system on a vehicle	1992	Ito, Hideaki and Sano, Noriyoshi and Harata, Yoshihisa and Adachi, Kunihiko	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072465165&amp;doi=10.4271%2f922128&amp;partnerID=40&amp;md5=f1b82031104ee56a0ad6b2968314acef">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072465165&amp;doi=10.4271%2f922128&amp;partnerID=40&amp;md5=f1b82031104ee56a0ad6b2968314acef</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415907	Microcontroller based electronic engine control	1988	Gobburu, Venkata T.	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072468153&amp;doi=10.4271%2f880180&amp;partnerID=40&amp;md5=5d61835574cb9eb342ae1556e7268233">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072468153&amp;doi=10.4271%2f880180&amp;partnerID=40&amp;md5=5d61835574cb9eb342ae1556e7268233</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: ("Reviewer1"=>["Exclude: Precisely about engine control and fuel injection"])
rayyan-155415909	2014 International Conference on Materials Science and Computational Engineering, ICMSCE 2014	2014		<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84902289858&amp;partnerID=40&amp;md5=cb336b42795352a1684c0aefc64681d1">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84902289858&amp;partnerID=40&amp;md5=cb336b42795352a1684c0aefc64681d1</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415910	Design and realization of FlexRay communication unit in vehicle net- work	2014	Wang, Yi and Pan, Hui and Liang, Jiawen	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929677054&amp;doi=10.2174%2f1874110X01408010330&amp;partnerID=40&amp;md5=ba58519227018d1c3f1e88ecff03df58">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929677054&amp;doi=10.2174%2f1874110X01408010330&amp;partnerID=40&amp;md5=ba58519227018d1c3f1e88ecff03df58</a>	RAYYAN-INCLUSION: (""Reviewer2""=>""Excluded"", ""Reviewer1""=>""Excluded"")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415911	Research of attitude measurement and data storage system based on ARM	2009	Li, Wenxin and Wang, Guanglong and Dun, Yi and Liu, Qisheng	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-71649108484&amp;doi=10.1109%2fCEMI.2009.5274528&amp;partnerID=40&amp;md5=cc30d7af3a788752667527e6f092fb78">https://www.scopus.com/inward/record.uri?eid=2-s2.0-71649108484&amp;doi=10.1109%2fCEMI.2009.5274528&amp;partnerID=40&amp;md5=cc30d7af3a788752667527e6f092fb78</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date

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rayyan-155415912	Automatic code generation - Technology adoption lessons learned from commercial vehicle case studies	2007	Erkkinen, Tom and Breiner, Scott	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072443328&amp;doi=10.4271%2f2007-01-4249&amp;partnerID=40&amp;md5=03f83b48c5456b725e41fbe50e77aa67">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072443328&amp;doi=10.4271%2f2007-01-4249&amp;partnerID=40&amp;md5=03f83b48c5456b725e41fbe50e77aa67</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415913	Formal Methods for Industrial Critical Systems - 18th International Workshop, FMICS 2013, Proceedings	2013		<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892910838&amp;partnerID=40&amp;md5=76f749416ca75e2bf062393347867316">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892910838&amp;partnerID=40&amp;md5=76f749416ca75e2bf062393347867316</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415914	Dual processor architectures infrastructure security method	2006		<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646459209&amp;partnerID=40&amp;md5=c907d18eeb6580e7adc3e5b197b74b31">https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646459209&amp;partnerID=40&amp;md5=c907d18eeb6580e7adc3e5b197b74b31</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415915	Advanced ECU software development method for fuel cell systems	2005	Tian, Shuo and Liu, Yuan and Xia, Wenchuan and Li, Jianqiu and Ouyang, Minggao	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-26944467938&amp;doi=10.1016%2fS1007-0214%2805%2970127-9&amp;partnerID=40&amp;md5=28bc00001ff3ab75d30ad64ea534eec2">https://www.scopus.com/inward/record.uri?eid=2-s2.0-26944467938&amp;doi=10.1016%2fS1007-0214%2805%2970127-9&amp;partnerID=40&amp;md5=28bc00001ff3ab75d30ad64ea534eec2</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415916	Design of two-axis attitude control system based on MEMS sensors	2015	Ma, Chao and Zheng, Yongjun and Tan, Yu and Yubin, Lan and Wang, Shumao	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921474350&amp;doi=10.3969%2fj.issn.1002-6819.2015.z1.005&amp;partnerID=40&amp;md5=7ad47cd1aac9436ef6dccde70db52a65">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921474350&amp;doi=10.3969%2fj.issn.1002-6819.2015.z1.005&amp;partnerID=40&amp;md5=7ad47cd1aac9436ef6dccde70db52a65</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong population   USER-NOTES: ("Reviewer1"=>["Exclude: agriculture use case for sensor positioning"])
rayyan-155415917	VIRTUAL HILS : A Model-Based Control Software Validation Method	2011	Ito, Yasuhiro and Sugure, Yasuo and Oho, Shigeru and Matsushita, Masahiro	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959505969&amp;doi=10.4271%2f2011-01-1018&amp;partnerID=40&amp;md5=a215bb5f880934c82280c53d5cee10ba">https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959505969&amp;doi=10.4271%2f2011-01-1018&amp;partnerID=40&amp;md5=a215bb5f880934c82280c53d5cee10ba</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415918	Analysis of system bus transaction vulnerability based on FMEA methodology in systemC TLM design platform	2009	Chen, Yung-Yuan and Hsu, Chung-Hsien and Leu, Kuen-Long	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-66349107042&amp;partnerID=40&amp;md5=39e93f1904381459c31a3f0ef6f77afc">https://www.scopus.com/inward/record.uri?eid=2-s2.0-66349107042&amp;partnerID=40&amp;md5=39e93f1904381459c31a3f0ef6f77afc</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415919	CPU model-based hardware/software co-design, co-simulation and analysis technology for real-time embedded control systems	2007	Ishikawa, Makoto and McCune, D.J. and Saikalis, George and Oho, Shigeru	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-34548142959&amp;doi=10.1109%2fRTAS.2007.9&amp;partnerID=40&amp;md5=4c9817018226007bf3a2595fbe26f9a0">https://www.scopus.com/inward/record.uri?eid=2-s2.0-34548142959&amp;doi=10.1109%2fRTAS.2007.9&amp;partnerID=40&amp;md5=4c9817018226007bf3a2595fbe26f9a0</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415920	Safe microcontrollers with error protection encoder-decoder using bit-inversion techniques for on-chip flash integrity verification	2013	Park, Daejin and Kim, Tag Gon	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892654800&amp;doi=10.1109%2fGCCCE.2013.6664833&amp;partnerID=40&amp;md5=68a34b81fe8ae4893203091b42a19612">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892654800&amp;doi=10.1109%2fGCCCE.2013.6664833&amp;partnerID=40&amp;md5=68a34b81fe8ae4893203091b42a19612</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415921	Homogeneous resource configuration and access for an autonomous robotic vehicle	2008	Johnson, Steven D. and Himebaugh, Bryce and Dial, Scott A.	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072486135&amp;doi=10.4271%2f2008-01-2719&amp;partnerID=40&amp;md5=bc8d1d77107a5bea00f0191535bd89bf">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072486135&amp;doi=10.4271%2f2008-01-2719&amp;partnerID=40&amp;md5=bc8d1d77107a5bea00f0191535bd89bf</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415922	New approach to real-time simulation. Flexible function-clusters on the butterfly parallel processor	1989	Celmaster, William	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024933533&amp;partnerID=40&amp;md5=31e457af5ab24b4581b88cedca2619df">https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024933533&amp;partnerID=40&amp;md5=31e457af5ab24b4581b88cedca2619df</a>	Cited by: 0   RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415923	An analysis of SEU effects in embedded operating systems for real-time applications	2007	Sterpone, Luca and Violante, Massimo	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-50049096129&amp;doi=10.1109%2fISIE.2007.4375152&amp;partnerID=40&amp;md5=32631a9900a102ccaada3cb1522eb272">https://www.scopus.com/inward/record.uri?eid=2-s2.0-50049096129&amp;doi=10.1109%2fISIE.2007.4375152&amp;partnerID=40&amp;md5=32631a9900a102ccaada3cb1522eb272</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415924	Unmanned vehicle controller design, evaluation and implementation: From MATLAB to printed circuit board	2007	Ernst, Daniel and Valavanis, Kimon and Garcia, Richard and Craighead, Jeff	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947688188&amp;doi=10.1007%2fs10846-007-9130-4&amp;partnerID=40&amp;md5=4028d72f0007d09a41ac98184f999953">https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947688188&amp;doi=10.1007%2fs10846-007-9130-4&amp;partnerID=40&amp;md5=4028d72f0007d09a41ac98184f999953</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415925	A cost effective motion platform for performance testing of MEMS-based attitude and heading reference systems	2013	Wachter, Zachary	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871640585&amp;doi=10.1007%2fs10846-012-9736-z&amp;partnerID=40&amp;md5=dcbb835a2a27ba709f01898c740c31315">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871640585&amp;doi=10.1007%2fs10846-012-9736-z&amp;partnerID=40&amp;md5=dcbb835a2a27ba709f01898c740c31315</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415926	A new simulation technique using a holistic approach and methodology to assess productivity of the new plant for manufacturing the Boeing 787	2007	Pissarello, Marco and Di Battista, Riccardo and Falletti, Paolo	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072427681&amp;doi=10.4271%2f2007-01-3908&amp;partnerID=40&amp;md5=b1da961e8ba2e8a471de5a83f3cfaa49">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072427681&amp;doi=10.4271%2f2007-01-3908&amp;partnerID=40&amp;md5=b1da961e8ba2e8a471de5a83f3cfaa49</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415927	A methodology for test replacement solutions of obsolete processors	2003	Velazco, R. and Anghel, L. and Saleh, S.	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84944039956&amp;doi=10.1109%2fOLT.2003.1214400&amp;partnerID=40&amp;md5=364df36ab5316c1e0c9b505ab868732e">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84944039956&amp;doi=10.1109%2fOLT.2003.1214400&amp;partnerID=40&amp;md5=364df36ab5316c1e0c9b505ab868732e</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415928	Keynote 1: Using EEMBC benchmarks to understand processor behavior in embedded applications	2005	Levy, Markus	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646845112&amp;doi=10.1007%2f11587514_1&amp;partnerID=40&amp;md5=a36a32af680776a87f4718c79b4d3500">https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646845112&amp;doi=10.1007%2f11587514_1&amp;partnerID=40&amp;md5=a36a32af680776a87f4718c79b4d3500</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415929	3rd International Conference on Green Power, Materials and Manufacturing Technology and Applications, GPMMTA 2013	2014		<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892702905&amp;partnerID=40&amp;md5=9ba462f5292b701bce8cdc9b997b979c">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892702905&amp;partnerID=40&amp;md5=9ba462f5292b701bce8cdc9b997b979c</a>	RAYYAN-INCLUSION: ("Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded")   RAYYAN-EXCLUSION-REASONS: wrong publish date

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rayyan-155415931	Design of VCU for pure electric vehicle	2012	Kong, Huifang and Ge, Qingguang and Xia, Shunli	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-81255147124&amp;doi=10.4028%2fwww.scientific.net%2fAMM.130-134.2203&amp;partnerID=40&amp;md5=f3e3d7d419a8832143b0c958d7113008">https://www.scopus.com/inward/record.uri?eid=2-s2.0-81255147124&amp;doi=10.4028%2fwww.scientific.net%2fAMM.130-134.2203&amp;partnerID=40&amp;md5=f3e3d7d419a8832143b0c958d7113008</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415932	Shift hashing for memory-constrained applications	2009	Deodhar, Sushamna and Tharp, Alan L.	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-70449688318&amp;doi=10.1109%2fCOMPSAC.2009.77&amp;partnerID=40&amp;md5=b6c7f5d0af242efbac2fe3da3b17015a">https://www.scopus.com/inward/record.uri?eid=2-s2.0-70449688318&amp;doi=10.1109%2fCOMPSAC.2009.77&amp;partnerID=40&amp;md5=b6c7f5d0af242efbac2fe3da3b17015a</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415933	Leveraging Applications of Formal Methods, Verification and Validation - Third International Symposium, ISO/FA 2008, Proceedings	2008		<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649874048&amp;partnerID=40&amp;md5=b56bd64b449a7cdc4947bc25941801db">https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649874048&amp;partnerID=40&amp;md5=b56bd64b449a7cdc4947bc25941801db</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-155415934	Languages, Design Methods, and Tools for Electronic System Design - Selected Contributions from FDL 2013	2015		<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906871987&amp;partnerID=40&amp;md5=1c2387b7266b8a1fe97422c21fca017d">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906871987&amp;partnerID=40&amp;md5=1c2387b7266b8a1fe97422c21fca017d</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong publication type
rayyan-170776398	HW/SW co-design of a visual SLAM application	2020	Piat, Jonathan and Fillatreau, Philippe and Tortei, Daniel and Brenot, Francois and Devy, Michel	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056714622&amp;doi=10.1007%2fs11554-018-0836-2&amp;partnerID=40&amp;md5=9db959026984e24330970e2dd1952634">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056714622&amp;doi=10.1007%2fs11554-018-0836-2&amp;partnerID=40&amp;md5=9db959026984e24330970e2dd1952634</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   USER-NOTES: {"Reviewer1"=>["Why exclude: This paper focuses on the HW/SW co-design of a visual SLAM application"]}
rayyan-170776399	Why Comparing System-Level MPSoC Mapping Approaches is Difficult: A Case Study	2016	Goens, Andres and Khasanov, Robert and Castrillon, Jeronimo and Polstra, Simon and Pimentel, Andy	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010300665&amp;doi=10.1109%2fMCSoc.2016.48&amp;partnerID=40&amp;md5=6e9a9a238fb8930b5ea96d77059f99d1">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010300665&amp;doi=10.1109%2fMCSoc.2016.48&amp;partnerID=40&amp;md5=6e9a9a238fb8930b5ea96d77059f99d1</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Included", "Reviewer1"=>"Included"}   RAYYAN-LABELS: Paper describes a practice to map automotive software components to SoC   USER-NOTES: {"Reviewer1"=>["Why include: This paper compares two mapping methodologies for mapping logical computation and communication to physical sources\n\nWhy exclude: This paper focuses on system-level instead of software component level"], "Reviewer2"=>["250203_LM: Despite the system level, we could be able to extract interesting data as the ICs still seem covered. Thus, I would include for now. Paper describes partially SoC design partitions (IC1); IC2 seems covered by Table 1 which might discuss different computation needs for the software use cases; IC3 is covered by the two methods Sesame and MAPS."]}
rayyan-170776400	Reliability evaluation of heterogeneous systems-on-chip for automotive ECUs	2017	Azimi, Sarah and Moramarco, Annarita and Sterpone, Luca	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029896939&amp;doi=10.1109%2fSIE.2017.8001431&amp;partnerID=40&amp;md5=bc8bdfca7b798c8d7bd9ecd80b0b8725">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029896939&amp;doi=10.1109%2fSIE.2017.8001431&amp;partnerID=40&amp;md5=bc8bdfca7b798c8d7bd9ecd80b0b8725</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   USER-NOTES: {"Reviewer1"=>["Why exclude: This paper presents a test environment for heterogenous SoC for automotive ECUs"]}
rayyan-170776401	Portable implementations for heterogeneous hardware platforms in autonomous driving systems	2019	Arndt, Oliver Jakob and Rallapalli, Parwesh and Blume, Holger	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081302733&amp;doi=10.1016%2fB978-0-12-816637-6.00006-3&amp;partnerID=40&amp;md5=1e62b0d2a3f23d6d6919f1d7c8372afd">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081302733&amp;doi=10.1016%2fB978-0-12-816637-6.00006-3&amp;partnerID=40&amp;md5=1e62b0d2a3f23d6d6919f1d7c8372afd</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Included", "Reviewer1"=>"Included"}   RAYYAN-LABELS: Paper describes properties of SoC design partitions, Paper describes a practice to map automotive software components to SoC   USER-NOTES: {"Reviewer1"=>["Why include: This paper addresses the importance of soc design partitioning and gives overview of trending programming approaches and tools. Could provide really good guideline"], "Reviewer2"=>["250302_LM: I agree with your inclusion. The ICs seem all covered."]}
rayyan-170776402	Task Scheduling Algorithms for Energy Optimization under Scheduling Duration and Reliability Constraints	2024	Li, Shizhuang and Hao, Bide and Yang, Shichun and Duan, Qianlong and Chen, Wenlong and Zhou, Fan	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85215527941&amp;doi=10.1109%2fINDIN58382.2024.10774512&amp;partnerID=40&amp;md5=ff33ba76950f0ab8e67772fa67585014">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85215527941&amp;doi=10.1109%2fINDIN58382.2024.10774512&amp;partnerID=40&amp;md5=ff33ba76950f0ab8e67772fa67585014</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   USER-NOTES: {"Reviewer1"=>["Why exclude: This paper focuses on energy optimization scheduling"]}
rayyan-170776403	SDSoC based development of vehicle counting system using adaptive background method	2017	Srijongkon, Katawut and Duangsoithong, Rakkrit and Jindapetch, Nattha and Ikura, Masami and Chumpol, Surachate	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85039962575&amp;doi=10.1109%2fFRSM.2017.8069172&amp;partnerID=40&amp;md5=cff564c0fe8152bd47a92d1eda2501e8">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85039962575&amp;doi=10.1109%2fFRSM.2017.8069172&amp;partnerID=40&amp;md5=cff564c0fe8152bd47a92d1eda2501e8</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   USER-NOTES: {"Reviewer1"=>["Why exclude: This paper is not used in vehicle field, but city monitoring"]}
rayyan-170776404	Evaluation of Parallel Executions on Multiple Virtual ECU Systems	2018	Morishima, Kenta and Sugure, Yasuo and Miyazaki, Yoshihiro	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045507596&amp;doi=10.4271%2f2018-01-0011&amp;partnerID=40&amp;md5=1d5653f9f6974f5221689dbe13e01f54">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045507596&amp;doi=10.4271%2f2018-01-0011&amp;partnerID=40&amp;md5=1d5653f9f6974f5221689dbe13e01f54</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   USER-NOTES: {"Reviewer1"=>["Why exclude: This paper presents a framework to simulate a multiple electroic control units environment"]}
rayyan-170776405	CEDR-API: Productive, Performant Programming of Domain-Specific Embedded Systems	2023	Mack, Joshua and Gener, Serhan and Hassan, Sahil and Suluhan, H. Umut and Akoglu, Ali	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169299187&amp;doi=10.1109%2fPDPSW59300.2023.00016&amp;partnerID=40&amp;md5=046257118e95aa5986e0e9c3c8686202">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169299187&amp;doi=10.1109%2fPDPSW59300.2023.00016&amp;partnerID=40&amp;md5=046257118e95aa5986e0e9c3c8686202</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Included", "Reviewer1"=>"Included"}   RAYYAN-LABELS: Paper describes properties of SoC design partitions   USER-NOTES: {"Reviewer1"=>["Why include: It presents the further development of a framework for Domain-Specific System on Chips. Could be helpful for snowballing"], "Reviewer2"=>["250302_LM: Agree to include as it discusses the ICs and interesting know-how for IC3 can be derived."]}
rayyan-170776406	Evaluation and Selection of Hardware and AI Models for Edge Applications: A Method and A Case Study on UAVs	2025	Canpolat Āzhahin, MĀĀge and KolukĀsa Tarhan, AyĀša	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85217538725&amp;doi=10.3390%2fapp15031026&amp;partnerID=40&amp;md5=4f79c54ec3e22c57f86adeb8dd11a0e">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85217538725&amp;doi=10.3390%2fapp15031026&amp;partnerID=40&amp;md5=4f79c54ec3e22c57f86adeb8dd11a0e</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   USER-NOTES: {"Reviewer1"=>["Why exclude: This paper has nothing to do with our automotive software components partitioning"]}

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rayyan-170776407	High performance automotive radar signal processing on TI's TDA3X platform	2017	Swami, Pramod and Jain, Anshu and Goswami, Piyali and Chitnis, Kedar and Dubey, Aish and Chaudhari, Pragat	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021450327&amp;doi=10.1109%2fRADAR.2017.7944409&amp;partnerID=40&amp;md5=3f4ea5922e714ceca0ac0ccd1a386818">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021450327&amp;doi=10.1109%2fRADAR.2017.7944409&amp;partnerID=40&amp;md5=3f4ea5922e714ceca0ac0ccd1a386818</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   USER-NOTES: {"Reviewer1"=>["Why exclude: The paper does not mention IC1, 2, and 3"]}
rayyan-170776408	A Robust Methodology for Performance Analysis on Hybrid Embedded Multicore Architectures	2016	Saussard, Romain and Bouzid, Boubker and Vasiliu, Marius and Reynaud, Roger	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010473752&amp;doi=10.1109%2fMCSoc.2016.35&amp;partnerID=40&amp;md5=ef54a8cda13e0add0b9379c06d87d8c1">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010473752&amp;doi=10.1109%2fMCSoc.2016.35&amp;partnerID=40&amp;md5=ef54a8cda13e0add0b9379c06d87d8c1</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   USER-NOTES: {"Reviewer1"=>["Why exclude: This paper establishes a methodology for performance prediction"]}
rayyan-170776409	Design of a Communication Framework for Heterogeneous Multicore Systems in CAN Communication	2024	Duan, Qianlong and Yang, Shichun and Hao, Bide and Chen, Wenlong and Li, Shizhuang and Zhou, Fan	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85215530343&amp;doi=10.1109%2fINDIN58382.2024.10774302&amp;partnerID=40&amp;md5=dba39cbd9e400ac170509c9d030a04ce">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85215530343&amp;doi=10.1109%2fINDIN58382.2024.10774302&amp;partnerID=40&amp;md5=dba39cbd9e400ac170509c9d030a04ce</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   USER-NOTES: {"Reviewer1"=>["Why exclude: This paper focuses on CAN communication instead of software-to-hardware mapping"]}
rayyan-170776410	Proceedings the 19th IEEE/IFIP International Symposium on Rapid System Prototyping - Shortening the Path from Specification to Prototype, RSP 2008	2008		<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-51549094450&amp;partnerID=40&amp;md5=f9504f4159c34680817985d8dc56f157">https://www.scopus.com/inward/record.uri?eid=2-s2.0-51549094450&amp;partnerID=40&amp;md5=f9504f4159c34680817985d8dc56f157</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-170776411	The time-triggered System-on-a-Chip architecture	2008	Obermaisser, Roman and Salloum, Christian El and Huber, Bernhard and Kopetz, Hermann	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-57849083644&amp;doi=10.1109%2fISIE.2008.4677135&amp;partnerID=40&amp;md5=88e4b065838fb5d1b5b5c9f776bb3053">https://www.scopus.com/inward/record.uri?eid=2-s2.0-57849083644&amp;doi=10.1109%2fISIE.2008.4677135&amp;partnerID=40&amp;md5=88e4b065838fb5d1b5b5c9f776bb3053</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-170776412	Heterogeneous and runtime parameterizable Star-Wheels Network-on-Chip	2011	GÄ¶hringer, Diana and Oey, Oliver and HÄ¼bner, Michael and Becker, JÄ¼rgen	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-80155210613&amp;doi=10.1109%2fSAMOS.2011.6045488&amp;partnerID=40&amp;md5=87f62487da35d2f0b5d0f0260c3ba36b">https://www.scopus.com/inward/record.uri?eid=2-s2.0-80155210613&amp;doi=10.1109%2fSAMOS.2011.6045488&amp;partnerID=40&amp;md5=87f62487da35d2f0b5d0f0260c3ba36b</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Excluded", "Reviewer1"=>"Excluded"}   RAYYAN-EXCLUSION-REASONS: wrong publish date
rayyan-170776413	A flexible software framework for dynamic task allocation on MPSoCs evaluated in an automotive context	2015	Rettkowski, Jens and Wehner, Philipp and SchÄ¼lper, Marc and GÄ¶hringer, Diana	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84926645654&amp;doi=10.1007%2f978-3-319-16214-0_21&amp;partnerID=40&amp;md5=e7bcb823c271f97222b4bcc70089a40c">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84926645654&amp;doi=10.1007%2f978-3-319-16214-0_21&amp;partnerID=40&amp;md5=e7bcb823c271f97222b4bcc70089a40c</a>	RAYYAN-INCLUSION: {"Reviewer2"=>"Included", "Reviewer1"=>"Included"}   RAYYAN-LABELS: Paper describes a practice to map automotive software components to SoC   USER-NOTES: {"Reviewer1"=>["Why include: This paper explicitly mentioned that a software framework for allocating tasks dynamically onto a MPSoC is presented. "], "Reviewer2"=>["250302_LM: I agree with inclusion proposal by you. ICs seem covered and a clear focus on IC3 is visible as mentioned by you."]}