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LAST FIVE YEAR PUBLICATIONS

S.NO	TITLE OF THE PUBLICATIONS	YEAR
1	Parametric Tolerance Impact on Algebraic Position and Joint Torques of a Three Link Planar Manipulator using Evolutionary Techniques S Velmurugan, K Sivakumar, K Mathiyazhagan, C BalamuruganNISCAIR-CSIR, India	2020
2	皮秒激光微变形工艺增强 Ti–6Al–4V 合金的耐磨性 (英文)BABU,S VIGNESH, M VIGNESH, C BALAMURUGANJournal of Central South University, 2	2018
3	Enhancement of wear resistance of Ti—6Al—4V alloy by picosecond laser surface micro texturing processPD Babu, S Vignesh, M Vignesh, C Balamurugan Journal of Central South University 25 (8), 1836-1848	2018
4	Concurrent optimal allocation of geometric and process tolerances based on the present worth of quality loss using evolutionary optimisation techniques C Balamurugan, A Saravanan, PD Babu, S Jagan, SR Narasimman Research in Engineering Design 28 (2), 185-202	2017
5	Design and optimization of concurrent tolerance in mechanical assemblies using bat algorithm LR Kumar, KP Padmanaban, SG Kumar, C Balamurugan Journal of Mechanical Science and Technology 30 (6), 2601-2614	2016
6	Least cost–tolerance allocation based on Lagrange multiplier L Ramesh Kumar, KP Padmanaban, C BalamuruganConcurrent Engineering 24 (2), 164-177	2016
7	OPTIMAL TOLERANCE ALLOCATION IN A COMPLEX ASSEMBLY USING EVOLUTIONARY ALGORITHMS. L Ramesh Kumar, KP Padmanaban, C Balamurugan International Journal of Simulation Modelling (IJSIMM) 15 (1)	2016
8	Optimal tolerance allocation in A complex assembly using Evolutionary algorithms RL Kumar, KP Padmanaban, C Balamurugan INTERNATIONAL JOURNAL OF SIMULATION MODELLING 15 (1), 121-132	2016
9	Comparison of the optimized process parameters of double-sided friction stir welded aluminium alloy joints using statistical and evolutionary techniques S Vignesh, P Dinesh Babu, C Balamurugan, S Martin Vinoth Applied Mechanics and Materials 852, 317-323	2016