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S.No	Author Title	Journal	Year	Vol	Pg
1.	Gopalakrishnan, V. Radha, K. V., Devasena, T. Silver nanoparticles synthesised using <i>Andrographis paniculata</i> ameliorates oxidative stress in erythrocyte model.	Materials Research Express	2019	30	ID 0850b6
2.	S. Veena, T. Devasena, S. M. Sathak, M. Yasasve, L A. Vishal. Green Synthesis of Gold Nanoparticles from <i>Vitex negundo</i> Leaf Extract: Characterization and In Vitro Evaluation of Antioxidant–Antibacterial Activity.	Journal of Cluster science	2019	30	1591–1597
3.	Veena Sunderam, Devasena Thiagarajan , Ansel Vishal Lawrence, Sathak Sameer Shaik Mohammed, Arokiyaraj Selvaraj . <i>In-vitro</i> antimicrobial and anticancer properties of green synthesized gold nanoparticles using <i>Anacardium occidentale</i> leaves extract.	Saudi Journal of Biological Sciences	2019	26	455-459
4.	Tamil arasu S, T. Devasena , Dey N, Uma M. Curcumin loaded chitosan sensing system for electrochemical detection of bilirubin.	Sensor letters	2019	17(3)	228-236
5.	Shenbagavidhya K, Devasena T Carboxymethyl cellulose-functionalised magnetic nanocarriers for pH responsive delivery of Curcumin in cancer therapy	Materials Research Express	2019	6	ID 016105
6.	Mary Anne Preetha.K, Thiyagarajan Devasena , Lycopene loaded gelatin nanoparticles induces internucleosomal DNA fragmentation and apoptosis in human breast adenocarcinoma cells	Materials Research Express	2018	5(6)	ID 065016
7.	Arul Prakash Francis, Thiyagarajan Devasena , Selvam Ganapathy, Venkata Rajsekhar Palla, Prakhya Balakrishna Murthy, Sundara Ramaprabhu “Multi-walled carbon nanotube-induced	Nanomedicine: Nanotechnology, Biology, and Medicine	2018	14(6)	1809-1822

	inhalation toxicity: Recognizing nano bis-demethoxy curcumin analog as an ameliorating candidate				
8.	A.Saranya, T.Devasena, H.Sivaram, R.Jayavel. Role of hexamine in ZnO morphologies at different growth temperature with potential application in dye sensitized solar cell	Materials Science in Semiconductor Processing	2019	92	108-115
9.	R. Thamarai Selvi, A. P. S. Prasanna, R. Niranjana, M. Kaushik, T. Devasena , J. Kumar, Ramachandran Chelliah, Deog-Hwan Oh, S. Swaminathan, G. Devanand Venkatasubbu Metal oxide curcumin incorporated polymer patches for wound healing.	Applied Surface Science	2018	449	603-609
10.	Toxicity of carbon nanotubes: A review Arul Prakash Francis and Thiyagarajan Devasena	Toxicology and Industrial Health	2018	34 (3)	200-210
11.	Balasubramanian Ranjani, Jayaprakasham Kalaiyarasi, Loganathan Pavithra, Thiyagarajan Devasena , Kannaiyan Pandian, Subash C. B. Gopinath. Amperometric determination of nitrite using natural fibers as template for titanium dioxide nanotubes with immobilized hemin as electron transfer mediator	Microchimica Acta	2018	185:	194 -203
12.	Nibedita Dey, T Devasena and Tamilarasu Sivalingam A Comparative evaluation of Graphene oxide-based materials for Electrochemical non-enzymatic sensing of Curcumin	Material Research Express	2018	5(2)	025406
13.	Dhanraj M, Hanisha R, Senthil B, Devasena T . Optical sensing of milk adulterant using phytostabilized metal nanoparticles.	Advanced Science Letters	2018	24(2)	824-827
14.	Senthil B, Rajasekar A, Devasena T . Mechanism of Bactericidal Action of Biosynthesized Silver Nanoparticles	Research Journal of Biotechnology	2018	13(1)	72-78
15.	B. Senthil, T. Devasena, B. Prakash, A. Rajasekar Non-cytotoxic effect of green synthesized silver nanoparticles and its	Journal of Photochemistry and Photobiology B:	2017	177	1-7

	antibacterial activity	Biology			
16.	Nibedita Dey, T Devasena Curcumin Based Sensors—A Review	Sensor Letters	2017	15(8)	617-631
17.	Mohamed Mathar Sahib, Ibrahim Khaleelullah, Muralidharan Murugan, KVRadha5 , Devasena Thiyagarajan , Yosuke Shimura and Yasuhiro Hayakawa Synthesis of super-paramagnetic iron oxide nanoparticles assisted by brown seaweed <i>Turbinaria decurrens</i> for removal of reactive navy-blue dye.	Materials Research Express	2017	4	105038
18.	Kaarthika Ramalingam, Thiyagarajan Devasena , Bakthavatchalam Senthil, Ramakrishnan Kalpana, Ramasamy Jayavel Silver Nanoparticles for Melamine Detection in Milk based on Transmitted Light Intensity	IET Science, Measurement & Technology	2017	11 (2)	171-178
19.	Nibedita Dey, Devasena T , Sundara Ramaprabu S, Arul Prakash F. Validation of first generation dry capacitive sensing system for the detection of curcumin.	Sensor Letters	2016	14	710-718
20.	Bharathi Sambandam, Devasena Thiyagarajan , Arivarasan Ayyaswamy, Pachiappan Raman. Extraction and isolation of flavonoid quercetin from the leaves of <i>Trigonella foenum-graecum</i> and their anti-oxidant activity.	International Journal of Pharmacy and Pharmaceutical Sciences	2016	8 (6)	120-124
21.	Arul Prakash Francis, Sundara Ramaprabhu, and Thiyagarajan Devasena . Towards Intravenous Drug Delivery: Augmenting the Stability and Dispersity of Bis-Demethoxy Curcumin Analog by Bottom-Up Strategy.	J. Nanosci. Nanotechnol.	2016	16	1186-1189
22.	Bharathi Sambandam , Villianur Ibrahim Hairul Islam , Balkrishna Murthy Prakhya, Devasena Thiyagarajan . Characterizations of coal fly ash nanoparticles and induced in vitro cellular toxicity and oxidative DNA damage.	Indian Journal of Experimental Biology.	2015	53	585-593
23.	Nibedita Dey and T. Devasena . Graphene Bioconjugates-Over the Decade.	Graphene	2015	3	1-5
24.	TR. Suganya and Devasena T .	J. Nanosci.	2015	15	9565-9570

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25.	M. Durga, T. Devasena , A. Rajasekar. Determination of LC50 and sub-chronic neurotoxicity of diesel exhaust nanoparticles.	Environmental Toxicology and Pharmacology	2015	40	615–625
26.	Angelene Hannah Jebarani, Arul Prakash Francis, Thiyagarajan Devasena State of the art detection system for curcumin analog.	Current drug discovery technologies.	2015	12 (1)	52-58
27.	Bharathi Sambandam, Durga Mohan, Pazhanivel Kaliyaperumal, Pachiappan Raman, Devasena Thiyagarajan . Acute Dermal Toxicity Of Coal Fly Ash Nanoparticles <i>In Vivo</i> .	International Journal of pharmacy and pharmaceutical sciences.	2015	7(7)	403-407
28.	M. Durga , S. Bharathi, P. Balakrishna Murthy, T. Devasena . Characterization and Phytotoxicity Studies of Suspended Particulate Matter (SPM) in Chennai Urban Area.	Journal of Environmental biology.	2015	36	583-589
29.	Thiyagarajan Devasena and Arul Prakash Francis Commentary: Nanotoxicity-Induced Alzheimer Disease and Parkinsonism: Not Further Than Diagnosis.	Alzheimer's disease and Parkinsonism.	2015	5 (1)	1-4
30.	TR. Suganya and T Devasena . Exploring the mechanism of anti-inflammatory activity of phyto-stabilized silver nanorods.	Digest Journal of nanomaterials and biostructures.	2015	10(1)	277-282
31.	Nathiya S, Durga M, Rajasekar A and Devasena T . Evaluation of cytotoxicity, oxidative stress, nuclear changes and proinflammatory cytokines induced by monocrotophos in human keratinocyte cells in vitro.	International Journal of pharmacy and pharmaceutical sciences.	2015	7 (1)	160-164
32.	Arul Prakash Francis, Selvam Ganapathy, Venkata Rajsekhar Palla, Prakhya Balakrishna Murthy, Sundara Ramaprabhu, Thiyagarajan Devasena . One time nose-only inhalation of	Toxicology Reports	2015	2	111-120

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33.	Bharathi Sambandam, Sathesh Kumar S, Arivarasan Ayyaswamy, Nagarjuna Yadav BV, Devasena Thiyagarajan . Synthesis And Characterization Of Poly D-L Lactide (PLA) Nanoparticles For The Delivery Of Quercetin.	International Journal of pharmacy and pharmaceutical sciences.	2015	7 (5)	42-49
34.	Lingheswar S, Nibedita Dey, Arul Prakash, T. Devasena . Transdermal patches of chitosan nanoparticles for insulin delivery.	International Journal of pharmacy and pharmaceutical sciences.	2015	7 (5)	84-88
35.	Durga M, Nathiya S, Devasena T . Protective role of fenugreek leaf extract and quercetin against petrol exhaust nanoparticle induced lipid peroxidation and oxidative stress in rat erythrocytes in vitro.	Asian Journal of Pharmaceutical and Clinical Research	2015	8	237-241
36.	Arul Prakash Francis, Selvam Ganapathy, Venkata Rajsekhar Palla, Prakhya Balakrishna Murthy, Thiyagarajan Devasena Future of Nano Bisdemethoxy Curcumin Analog: Guaranteeing Safer Intravenous Delivery	Environmental Toxicology and Pharmacology	2015	39	467-474
37.	B. Malathi, S. Mona, T. Devasena , P. Kaliraj Immunopotentiating nanochitosan as a potent vaccine carrier for effective prophylaxis of filarial antigens.	International Journal of Biological Macromolecules	2015	73	131–137