

Kandru Suresh

List of Publications by Year in descending order

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43
papers

783
citations

567281

15
h-index

526287

27
g-index

45
all docs

45
docs citations

45
times ranked

1116
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing combined toxic effects of tetracycline and P25 titanium dioxide nanoparticles using <i>Allium cepa</i> bioassay. <i>Frontiers of Environmental Science and Engineering</i> , 2021, 15, 1.	6.0	7
2	Antibiotic tetracycline enhanced the toxic potential of photo catalytically active P25 titanium dioxide nanoparticles towards freshwater algae <i>Scenedesmus obliquus</i> . <i>Chemosphere</i> , 2021, 267, 128923.	8.2	26
3	Physical and Chemical methods of extraction of Bioactive Molecules from <i>Lepidium sativum</i> Linn. and Antioxidant Activity-based screening and selection of extracts-Probable Phytochemical, Chromatography and mass spectroscopy analysis-based correlates. <i>Research Journal of Pharmacy and Technology</i> , 2021, , 3082-3092.	0.8	5
4	Antibiotic Interactions with Key Algal Proteins Responsible for Photosynthesis: Molecular Docking-Based Correlates. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2021, 91, 715-725.	1.0	0
5	Toxic Effect of Antibiotics on Freshwater Algal Systems and the Mechanisms of Toxicity: A Review. <i>Nature Environment and Pollution Technology</i> , 2021, 20, .	0.4	1
6	Silver nanorods induced oxidative stress and chromosomal aberrations in the <i>Allium cepa</i> model. <i>IET Nanobiotechnology</i> , 2020, 14, 161-166.	3.8	9
7	Synthesis and Characterization of Un-encapsulated and Pterostilbene-encapsulated DOTAP: Cholesterol Liposomes. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2020, 54, s182-s188.	0.6	6
8	UVB pre-irradiation of titanium dioxide nanoparticles is more detrimental to freshwater algae than UVA pre-irradiation. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104076.	6.7	14
9	Arecoline, Hesperidin and Trifluoperazine-mediated Cytotoxicity and Cell Death Potential in NIH/3T3 Fibroblasts Cells – Toxicity/Safety Assessment in a NIH/3T3 Model Fibroblast Cell Line. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2020, 54, s537-s551.	0.6	1
10	Toxic effects of engineered nanoparticles (metal/metal oxides) on plants using <i>Allium cepa</i> as a model system. <i>Comprehensive Analytical Chemistry</i> , 2019, , 125-143.	1.3	14
11	Statistical analysis of the in silico binding affinity of P-glycoprotein and its substrates with their experimentally known parameters to demonstrate a cost-effective approach for screening, ranking and possible prediction of potential substrates. <i>International Journal of Bioinformatics Research and Applications</i> , 2019, 15, 297.	0.2	0
12	Enhanced Induction of Apoptosis in HaCaT Cells by Luteolin Encapsulated in PEGylated Liposomes – Role of Caspase-3/Caspase-14. <i>Applied Biochemistry and Biotechnology</i> , 2019, 188, 147-164.	2.9	25
13	Analysis of Induced Overconsolidation on Response of Granular Pile Reinforced Soft Ground-Effect of Relative Compressibility. <i>Lecture Notes in Civil Engineering</i> , 2019, , 203-209.	0.4	0
14	Tumor Heterogeneity: An Important Determinant for Efficacy and Safety in Nanoparticle Anticancer Gene Therapy. <i>Trends in Biotechnology</i> , 2018, 36, 476-477.	9.3	4
15	Phenytoin-Bovine Serum Albumin interactions - modeling plasma protein – drug binding: A multi-spectroscopy and in silico-based correlation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 193, 523-527.	3.9	22
16	Impact of structure and morphology of nanostructured ceria coating on AISI 304 oxidation kinetics. <i>Applied Surface Science</i> , 2017, 411, 219-226.	6.1	8
17	Gecko Feet as a Bio Prototype for the Use of Dry Adhesion in Engineering Decisions. <i>Journal of Biomimetics, Biomaterials and Biomedical Engineering</i> , 2017, 32, 1-8.	0.5	2
18	From a Chemical Matrix to Biologically/Biomechanically-Defined Matrices-Optimizing/Correlating Growth Rate and Differentiation Potential of Human Adipose-Derived Mesenchymal Stem Cells. <i>Iranian Journal of Biotechnology</i> , 2017, 15, 213-215.	0.3	0

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19	Induced pluripotent stem cells: methods, disease modeling, and microenvironment for drug discovery and screening. Turkish Journal of Biology, 2016, 40, 998-1011.	0.8	0
20	Physicochemical Properties, Biomolecular Corona, Bioactivity, and Pharmacology-Based Issues of Biopolymers: A Brief Overview. Trends in Biotechnology, 2016, 34, 85-86.	9.3	3
21	Membrane-bound versus soluble major histocompatibility complex Class I-related chain A and major histocompatibility complex Class I-related chain B differential expression: Mechanisms of tumor eradication versus evasion and current drug development strategies. Journal of Cancer Research and Therapeutics, 2016, 12, 1224.	0.9	5
22	<i>In Vitro</i> Protective Potentials of <i>Annona muricata</i> Leaf Extracts Against Sodium Arsenite-induced Toxicity. Current Drug Discovery Technologies, 2015, 12, 59-63.	1.2	8
23	Mechanisms of pluripotency and epigenetic reprogramming in primordial germ cells: lessons for the conversion of other cell types into the stem cell lineage. Turkish Journal of Biology, 2015, 39, 187-193.	0.8	4
24	Luteolin induces caspase-14-mediated terminal differentiation in human epidermal keratinocytes. In Vitro Cellular and Developmental Biology - Animal, 2015, 51, 1072-1076.	1.5	4
25	Antioxidant, DNA protective efficacy and HPLC analysis of <i>Annona muricata</i> (soursop) extracts. Journal of Food Science and Technology, 2015, 52, 2328-2335.	2.8	99
26	Physicochemical Characterization and Cytotoxicity Screening of a Novel Colloidal Nanogold-Based Phenytoin Conjugate. Scientia Pharmaceutica, 2014, 82, 857-872.	2.0	6
27	Computational identification and analysis of functional polymorphisms involved in the activation and detoxification genes implicated in endometriosis. Gene, 2014, 542, 89-97.	2.2	13
28	Oleanolic acid inhibits cell growth and induces apoptosis in A375 melanoma cells. Biomedicine and Preventive Nutrition, 2014, 4, 95-99.	0.9	10
29	In Silico and in Vitro Physicochemical Screening of <i>Rigidoporus</i> sp. Crude Laccase-assisted Decolorization of Synthetic Dyes—Approaches for a Cost-effective Enzyme-based Remediation Methodology. Applied Biochemistry and Biotechnology, 2013, 169, 911-922.	2.9	17
30	Comparative anti-inflammatory activity of poly(amidoamine) (PAMAM) dendrimer-dexamethasone conjugates with dexamethasone-liposomes. International Journal of Pharmaceutics, 2013, 449, 28-36.	5.2	39
31	Comparative Studies to Evaluate Relative in vitro Potency of Luteolin in Inducing Cell Cycle Arrest and Apoptosis in HaCaT and A375 Cells. Asian Pacific Journal of Cancer Prevention, 2013, 14, 631-637.	1.2	48
32	Demonstration of Differential Anti-Neoplastic Potentials of <i>Oroxylum indicum</i> Ethyl Acetate Extracts in Human Breast Cancer Cells. Journal of Biological Sciences, 2013, 13, 534-539.	0.3	0
33	Quantitative Assessment of the Relative Antineoplastic Potential of the n-butanolic Leaf Extract of <i>Annona muricata</i> Linn. in Normal and immortalized Human Cell Lines. Asian Pacific Journal of Cancer Prevention, 2012, 13, 699-704.	1.2	81
34	Laccase-based dye decolorization using agro-wastes: comment on Santhanam et al.. Trends in Biotechnology, 2012, 30, 361-362.	9.3	4
35	Apoptosis-Induced Cell Death due to Oleanolic Acid in HaCaT Keratinocyte Cells -a Proof-of-Principle Approach for Chemopreventive Drug Development. Asian Pacific Journal of Cancer Prevention, 2012, 13, 2015-2020.	1.2	20
36	Cytotoxicity, Apoptosis Induction and Anti-Metastatic Potential of <i>Oroxylum indicum</i> in Human Breast Cancer Cells. Asian Pacific Journal of Cancer Prevention, 2012, 13, 2729-2734.	1.2	52

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37	Effect of creep on settlement of granular pile reinforced ground. International Journal of Geotechnical Engineering, 2010, 4, 495-505.	2.0	7
38	Creep Effect on Response of Granular Pile Reinforced Ground. , 2009, , .		4
39	Field behaviour of granular pile-anchors in expansive soils. Proceedings of the Institution of Civil Engineers: Ground Improvement, 2008, 161, 199-206.	1.0	34
40	Response of granular pile-anchors under compression. Proceedings of the Institution of Civil Engineers: Ground Improvement, 2008, 161, 121-129.	1.0	20
41	Pullout Behavior of Granular Pile-Anchors in Expansive Clay Beds In Situ. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2007, 133, 531-538.	3.0	61
42	Anticancer effects of ethanolic neem leaf extract on prostate cancer cell line (PC-3). Journal of Ethnopharmacology, 2006, 105, 246-250.	4.1	84
43	Bcl-2 and Bcl-xLin Peroxide-Resistant A549 and U87MG Cells. Toxicological Sciences, 1998, 42, 109-116.	3.1	15