

Kandru Suresh

List of Publications by Year in descending order

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43
papers

783
citations

567281

15
h-index

526287

27
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45
all docs

45
docs citations

45
times ranked

1116
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant, DNA protective efficacy and HPLC analysis of <i>Annona muricata</i> (soursop) extracts. <i>Journal of Food Science and Technology</i> , 2015, 52, 2328-2335.	2.8	99
2	Anticancer effects of ethanolic neem leaf extract on prostate cancer cell line (PC-3). <i>Journal of Ethnopharmacology</i> , 2006, 105, 246-250.	4.1	84
3	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. <i>Asian Pacific Journal of Cancer Prevention</i> , 2012, 13, 699-704.	1.2	81
4	Pullout Behavior of Granular Pile-Anchors in Expansive Clay Beds In Situ. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2007, 133, 531-538.	3.0	61
5	Cytotoxicity, Apoptosis Induction and Anti-Metastatic Potential of <i>Oroxylum indicum</i> in Human Breast Cancer Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2012, 13, 2729-2734.	1.2	52
6	Comparative Studies to Evaluate Relative in vitro Potency of Luteolin in Inducing Cell Cycle Arrest and Apoptosis in HaCaT and A375 Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013, 14, 631-637.	1.2	48
7	Comparative anti-inflammatory activity of poly(amidoamine) (PAMAM) dendrimerâ€™dexamethasone conjugates with dexamethasone-liposomes. <i>International Journal of Pharmaceutics</i> , 2013, 449, 28-36.	5.2	39
8	Field behaviour of granular pile-anchors in expansive soils. <i>Proceedings of the Institution of Civil Engineers: Ground Improvement</i> , 2008, 161, 199-206.	1.0	34
9	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
10	Enhanced Induction of Apoptosis in HaCaT Cells by Luteolin Encapsulated in PEGylated Liposomesâ€™Role of Caspase-3/Caspase-14. <i>Applied Biochemistry and Biotechnology</i> , 2019, 188, 147-164.	2.9	25
11	Phenytoin-Bovine Serum Albumin interactions - modeling plasma protein â€™ 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
12	Response of granular pile-anchors under compression. <i>Proceedings of the Institution of Civil Engineers: Ground Improvement</i> , 2008, 161, 121-129.	1.0	20
13	Apoptosis-Induced Cell Death due to Oleanolic Acid in HaCaT Keratinocyte Cells -a Proof-of-Principle Approach for Chemopreventive Drug Development. <i>Asian Pacific Journal of Cancer Prevention</i> , 2012, 13, 2015-2020.	1.2	20
14	In Silico and in Vitro Physicochemical Screening of <i>Rigidoporus</i> sp. Crude Laccase-assisted Decolorization of Synthetic Dyesâ€™Approaches for a Cost-effective Enzyme-based Remediation Methodology. <i>Applied Biochemistry and Biotechnology</i> , 2013, 169, 911-922.	2.9	17
15	Bcl-2 and Bcl-xLin Peroxide-Resistant A549 and U87MG Cells. <i>Toxicological Sciences</i> , 1998, 42, 109-116.	3.1	15
16	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
17	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
18	Computational identification and analysis of functional polymorphisms involved in the activation and detoxification genes implicated in endometriosis. <i>Gene</i> , 2014, 542, 89-97.	2.2	13

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19	Oleanolic acid inhibits cell growth and induces apoptosis in A375 melanoma cells. <i>Biomedicine and Preventive Nutrition</i> , 2014, 4, 95-99.	0.9	10
20	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
21	<i>In Vitro</i> Protective Potentials of <i>Annona muricata</i> Leaf Extracts Against Sodium Arsenite-induced Toxicity. <i>Current Drug Discovery Technologies</i> , 2015, 12, 59-63.	1.2	8
22	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
23	Effect of creep on settlement of granular pile reinforced ground. <i>International Journal of Geotechnical Engineering</i> , 2010, 4, 495-505.	2.0	7
24	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
25	Physicochemical Characterization and Cytotoxicity Screening of a Novel Colloidal Nanogold-Based Phenytoin Conjugate. <i>Scientia Pharmaceutica</i> , 2014, 82, 857-872.	2.0	6
26	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
27	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
28	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. <i>Journal of Cancer Research and Therapeutics</i> , 2016, 12, 1224.	0.9	5
29	Laccase-based dye decolorization using agro-wastes: comment on Santhanam et al.. <i>Trends in Biotechnology</i> , 2012, 30, 361-362.	9.3	4
30	Mechanisms of pluripotency and epigenetic reprogramming in primordial germ cells: lessons for the conversion of other cell types into the stem cell lineage. <i>Turkish Journal of Biology</i> , 2015, 39, 187-193.	0.8	4
31	Luteolin induces caspase-14-mediated terminal differentiation in human epidermal keratinocytes. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2015, 51, 1072-1076.	1.5	4
32	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
33	Creep Effect on Response of Granular Pile Reinforced Ground. , 2009, , .		4
34	Physicochemical Properties, Biomolecular Corona, Bioactivity, and Pharmacology-Based Issues of Biopolymers: A Brief Overview. <i>Trends in Biotechnology</i> , 2016, 34, 85-86.	9.3	3
35	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
36	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

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37	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
38	Induced pluripotent stem cells: methods, disease modeling, and microenvironment for drug discovery and screening. <i>Turkish Journal of Biology</i> , 2016, 40, 998-1011.	0.8	0
39	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
40	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
41	Demonstration of Differential Anti-Neoplastic Potentials of <i>Oroxylum indicum</i> Ethyl Acetate Extracts in Human Breast Cancer Cells. <i>Journal of Biological Sciences</i> , 2013, 13, 534-539.	0.3	0
42	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
43	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