

Ptv Lakshmi

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

606
citations

759233

12
h-index

610901

24
g-index

38
all docs

38
docs citations

38
times ranked

1035
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational identification and characterization of vascular wilt pathogen (<i>Fusarium</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Dynamics, 2023, 41, 4344-4360.	3.5	1
2	Immune response gene coexpression network analysis of <i>Arachis hypogaea</i> infected with <i>Aspergillus flavus</i> . <i>Genomics</i> , 2021, 113, 2977-2988.	2.9	5
3	Computational investigation of FDA approved drugs as selective PARP-1 inhibitors by targeting BRCT domain for cancer therapy. <i>Journal of Molecular Graphics and Modelling</i> , 2021, 108, 107919.	2.4	2
4	A molecular perspective on the taxonomy and journey of Citrus domestication. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2021, 53, 125644.	2.7	8
5	A mechanistic approach to understand the allosteric reverse signaling by selective and trapping poly(ADP-ribose) polymerase 1 (PARP-1) inhibitors. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 2482-2492.	3.5	2
6	Genome-wide annotation, comparison and functional genomics of carbohydrate-active enzymes in legumes infecting <i>Fusarium oxysporum</i> formae speciales. <i>Mycology</i> , 2020, 11, 56-70.	4.4	12
7	Strategies to understand <i>Aspergillus flavus</i> resistance mechanism in <i>Arachis hypogaea</i> L.. <i>Current Plant Biology</i> , 2019, 20, 100123.	4.7	14
8	Structure based pharmacophore study to identify possible natural selective PARP-1 trapper as anti-cancer agent. <i>Computational Biology and Chemistry</i> , 2019, 80, 314-323.	2.3	10
9	Computational studies on G-quadruplex DNA-stabilizing property of novel Wittig-based Schiff-Base ligands and their copper(II) complexes. <i>Structural Chemistry</i> , 2019, 30, 727-742.	2.0	3
10	Exploring Morin as an anti-quorum sensing agent (anti-QSA) against resistant strains of <i>Staphylococcus aureus</i> . <i>Microbial Pathogenesis</i> , 2019, 127, 304-315.	2.9	33
11	A Multidisciplinary Study to Evaluate the Anti-quorum Sensing Ability of Phyto-compounds in <i>Jacq. Avicenna Journal of Medical Biotechnology</i> , 2019, 11, 48-58.	0.3	3
12	Secretome analysis of diarrhea-inducing strains of <i>Escherichia coli</i> . <i>Proteomics</i> , 2017, 17, 1600299.	2.2	7
13	Front Cover: Secretome analysis of diarrhea-inducing strains of <i>Escherichia coli</i> . <i>Proteomics</i> , 2017, 17, 1770040.	2.2	0
14	Allosteric site-mediated active site inhibition of PBP2a using Quercetin 3-O-rutinoside and its combination. <i>Journal of Biomolecular Structure and Dynamics</i> , 2016, 34, 1778-1796.	3.5	20
15	Reduction of Silver Ions by Cell Free Extracts of <i>Westiellopsissp.</i> . <i>International Journal of Biomaterials</i> , 2015, 2015, 1-6.	2.4	8
16	Molecular inhibition of telomerase recruitment using designer peptides: an in silico approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2015, 33, 1442-1459.	3.5	1
17	ACPP: A Web Server for Prediction and Design of Anti-cancer Peptides. <i>International Journal of Peptide Research and Therapeutics</i> , 2015, 21, 99-106.	1.9	76
18	Inhibition of Pore Formation by Blocking the Assembly of <i>Staphylococcus aureus</i> α -Hemolysin Through a Novel Peptide Inhibitor: an In Silico Approach. <i>International Journal of Peptide Research and Therapeutics</i> , 2014, 20, 575-583.	1.9	11

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19	Seed germination: An alternative to animal model to teach bioassay principles. <i>Journal of Pharmacology and Pharmacotherapeutics</i> , 2014, 5, 56-58.	0.4	4
20	Green synthesis and characterisation of Ag NPs using aqueous extract of <i>Phyllanthus maderaspatensis</i> L. <i>Journal of Experimental Nanoscience</i> , 2014, 9, 113-119.	2.4	23
21	NF- κ B activation and proinflammatory cytokines mediated protective effect of <i>Indigofera caerulea</i> Roxb. on CCl ₄ induced liver damage in rats. <i>International Immunopharmacology</i> , 2014, 23, 672-680.	3.8	30
22	Quercetin 3-O-rutinoside mediated inhibition of PBP2a: computational and experimental evidence to its anti-MRSA activity. <i>Molecular BioSystems</i> , 2014, 10, 3229-3237.	2.9	10
23	Fuzzy Logic for Personalized Healthcare and Diagnostics: FuzzyApp – A Fuzzy Logic Based Allergen-Protein Predictor. <i>OMICS A Journal of Integrative Biology</i> , 2014, 18, 570-581.	2.0	10
24	APSLAP: An Adaptive Boosting Technique for Predicting Subcellular Localization of Apoptosis Protein. <i>Acta Biotheoretica</i> , 2013, 61, 481-497.	1.5	21
25	Green synthesis, characterization and antimicrobial activity of Au NPs using <i>Euphorbia hirta</i> L. leaf extract. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 108, 60-65.	5.0	174
26	A fuzzy inference system for predicting allergenicity and allergic cross-reactivity in proteins. , 2013, , .		3
27	The Arabidopsis Stress Responsive Gene Database. <i>International Journal of Plant Genomics</i> , 2013, 2013, 1-3.	2.2	37
28	SCLAP: An Adaptive Boosting Method for Predicting Subchloroplast Localization of Plant Proteins. <i>OMICS A Journal of Integrative Biology</i> , 2013, 17, 106-115.	2.0	18
29	Comparative computational analysis of cystic fibrosis transmembrane conductance regulator protein to treat lung infections. <i>International Journal of Medical Engineering and Informatics</i> , 2012, 4, 351.	0.3	0
30	Evaluation of phytochemical constituents and antioxidant activities of successive solvent extracts of leaves of <i>Indigofera caerulea</i> Roxb using various in vitro antioxidant assay systems. <i>Asian Pacific Journal of Tropical Disease</i> , 2012, 2, S118-S123.	0.5	13
31	Medicinal Plant Informatics- An Insight. <i>Pharmacognosy Communications</i> , 2012, 2, 5-11.	0.5	0
32	Mining of simple sequence repeats in the Genome of Gentianaceae. <i>Pharmacognosy Research (discontinued)</i> , 2011, 3, 19.	0.6	4
33	Molecular Docking Analysis of Phyto-Ligands with Multi Drug Resistant β -lactamases of <i>Staphylococcus aureus</i> . <i>Trends in Bioinformatics</i> , 2011, 4, 23-34.	0.3	6
34	HPTLC and HPLC Analysis of Bioactive Phyllanthin from Different Organs of <i>Phyllanthus amarus</i> . <i>Asian Journal of Biotechnology</i> , 2009, 1, 154-162.	0.3	13
35	Effect of Drying Treatment on the Content of Antioxidants in <i>Enicostemma littorale</i> Blume. <i>Research Journal of Medicinal Plant</i> , 2009, 3, 93-101.	0.3	21
36	A database for human Y chromosome protein data. <i>Bioinformatics</i> , 2009, 4, 184-186.	0.5	0

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37	An insight into cyanobacterial genomics - a perspective. <i>Bioinformation</i> , 2007, 2, 8-11.	0.5	2
38	The Effects of Cyanobacterial (Blue Green Algae) Culture Filtrates on the Biomass and Biochemicals of <i>Withania somnifera</i> Dunal. <i>Asian Journal of Plant Sciences</i> , 2007, 7, 37-43.	0.4	1