

Jose Isagani B Janairo

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

339
citations

1040056

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1058476

14
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51
all docs

51
docs citations

51
times ranked

351
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of mosquito repellent molecules via the integration of hyperbox machine learning and computer aided molecular design. <i>Digital Chemical Engineering</i> , 2022, 3, 100018.	2.2	6
2	A Machine Learning Classification Model for Gold-Binding Peptides. <i>ACS Omega</i> , 2022, 7, 14069-14073.	3.5	5
3	Predicting Peptide Oligomeric State Through Chemical Artificial Intelligence. <i>International Journal of Peptide Research and Therapeutics</i> , 2021, 27, 763-767.	1.9	1
4	Optimization of oxalate-free starch production from Taro flour by oxalate oxidase assisted process. <i>Preparative Biochemistry and Biotechnology</i> , 2021, 51, 105-111.	1.9	4
5	Physicochemical properties and <i>in vitro</i> digestibility of flours and starches from taro cultivated in different regions of Thailand. <i>International Journal of Food Science and Technology</i> , 2021, 56, 2395-2406.	2.7	12
6	Machine Learning for the Cleaner Production of Antioxidant Peptides. <i>International Journal of Peptide Research and Therapeutics</i> , 2021, 27, 2051-2056.	1.9	2
7	Unsustainable plastic consumption associated with online food delivery services in the new normal. <i>Cleaner and Responsible Consumption</i> , 2021, 2, 100014.	3.0	19
8	A machine learning regression model for the screening and design of potential SARS-CoV-2 protease inhibitors. <i>Network Modeling Analysis in Health Informatics and Bioinformatics</i> , 2021, 10, 51.	2.1	14
9	A Screening Algorithm for Gastric Cancer-Binding Peptides. <i>International Journal of Peptide Research and Therapeutics</i> , 2020, 26, 667-674.	1.9	2
10	A hyperbox classifier model for identifying secure carbon dioxide reservoirs. <i>Journal of Cleaner Production</i> , 2020, 272, 122181.	9.3	10
11	Design of fragrant molecules through the incorporation of rough sets into computer-aided molecular design. <i>Molecular Systems Design and Engineering</i> , 2020, 5, 1391-1416.	3.4	14
12	Physical Characterization of Latex from <i>Artocarpus heterophyllus</i> Lam. (Jackfruit) and Four Related <i>Artocarpus</i> spp.. <i>Key Engineering Materials</i> , 2020, 833, 107-117.	0.4	2
13	Enhanced Hyperbox Classifier Model for Nanomaterial Discovery. <i>AI</i> , 2020, 1, 299-311.	3.8	8
14	Estimating the Effectiveness of Gold and Iron Oxide Nanoparticles for Hepatocellular Carcinoma Ablation Therapy: a Meta-Analysis. <i>BioNanoScience</i> , 2020, 10, 523-528.	3.5	1
15	Data on the sequence-derived properties of gastric cancer $\alpha\epsilon$ binding peptides. <i>Data in Brief</i> , 2020, 29, 105351.	1.0	0
16	Metal-dependent Ser/Thr protein phosphatase PPM family: Evolution, structures, diseases and inhibitors. , 2020, 215, 107622.		59
17	A principal component regression model for predicting phytochemical binding to the <i>H. pylori</i> CagA protein. <i>Network Modeling Analysis in Health Informatics and Bioinformatics</i> , 2020, 9, 1.	2.1	1
18	Soil-transmitted helminth egg contamination from soil of indigenous communities in selected barangays in Tigaon, Camarines Sur, Philippines. <i>Asian Pacific Journal of Tropical Medicine</i> , 2020, 13, 409.	0.8	4

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19	Prediction of CO ₂ storage site integrity with rough set-based machine learning. <i>Clean Technologies and Environmental Policy</i> , 2019, 21, 1655-1664.	4.1	19
20	Wetting Properties and Foliar Water Uptake of <i>Tillandsia L.</i> <i>Biotribology</i> , 2019, 19, 100103.	1.9	7
21	Nanocrystalline Titania Coated Metakaolin and Rice Hull Ash Based Geopolymer Spheres for Photocatalytic Degradation of Dyes in Wastewater. <i>Oriental Journal of Chemistry</i> , 2019, 35, 167-172.	0.3	10
22	Surface morphological and wetting characterization of the hydrophobic and superhydrophobic leaves of <i>Pistia stratiotes L.</i> , <i>Salvinia molesta D.Mitch.</i> , <i>Ananas comosus (L.) Merr.</i> and <i>Dyckia platyphylla L.B. Smith</i> for bioinspired oil adsorbent materials. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 479, 012003.	0.6	1
23	Development of nanosilver-coated geopolymer beads (AgGP) from fly ash and baluko shells for antimicrobial applications. <i>MATEC Web of Conferences</i> , 2019, 268, 05003.	0.2	5
24	IDDF2019-ABS-0306...Risk of spontaneous bacterial peritonitis with use of proton pump inhibitors – a systemic review and meta-analysis. , 2019, , .		0
25	IDDF2019-ABS-0058...A meta-analysis on the effectiveness of nanoparticle-mediated hyperthermia against hepatocellular carcinoma. , 2019, , .		0
26	Predictive Analytics for Biomineralization Peptide Binding Affinity. <i>BioNanoScience</i> , 2019, 9, 74-78.	3.5	9
27	Coal Fly Ash-based Geopolymer Spheres Coated with Amoxicillin and Nanosilver for Potential Antibacterial Applications. <i>ASEAN Journal of Chemical Engineering</i> , 2019, 19, 25.	0.5	5
28	Differentiation of Rubber Cup Coagulum Through Machine Learning. <i>Scientia Agriculturae Bohemica</i> , 2019, 50, 51-55.	0.3	3
29	A stochastic fuzzy multi-criteria decision-making model for optimal selection of clean technologies. <i>Journal of Cleaner Production</i> , 2018, 183, 1289-1299.	9.3	33
30	Synthesis of Bimetallic PdAg Nanoparticles through an Oligomerization- Controlled Biomineralization Peptide. <i>Materials Science Forum</i> , 2018, 928, 77-82.	0.3	0
31	Synergic Strategies for the Enhanced Self-Assembly of Biomineralization Peptides for the Synthesis of Functional Nanomaterials. <i>Protein and Peptide Letters</i> , 2018, 25, 4-14.	0.9	10
32	Screening of Silver-Tolerant Bacteria from a Major Philippine Landfill as Potential Bioremediation Agents. <i>Ecological Chemistry and Engineering S</i> , 2018, 25, 469-485.	1.5	6
33	Effect of <i>Aspidiotus rigidus</i> infestation on the volatile chemical profile of the host plant <i>Garcinia mangostana</i> . <i>Hellenic Plant Protection Journal</i> , 2018, 11, 1-8.	0.4	2
34	Dipole Moment, Solvation Energy, and Ovality Account for the Variations in the Biological Activity of HIV-1 Reverse Transcriptase Inhibitor Fragments. <i>Annual Research & Review in Biology</i> , 2018, 22, 1-8.	0.4	1
35	Reviving a scientific journal: challenges and strategies. <i>Science Editing</i> , 2018, 5, 59-61.	0.8	3
36	A machine learning approach in predicting mosquito repellency of plant – derived compounds. <i>Nova Biotechnologica Et Chimica</i> , 2018, 17, 58-65.	0.1	1

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37	Oligomerization enhances the binding affinity of a silver biomineralization peptide and catalyzes nanostructure formation. <i>Scientific Reports</i> , 2017, 7, 1400.	3.3	14
38	Bioaccumulation of Cadmium, Copper, Lead, and Zinc in Water Buffaloes (<i>Bubalus bubalis</i>) Infected with Liver Flukes (<i>Fasciola gigantica</i>). <i>Oriental Journal of Chemistry</i> , 2017, 33, 1684-1688.	0.3	1
39	In Silico Site-Directed Mutagenesis of the <i>Anopheles gambiae</i> Odorant Binding Protein 20. <i>Nova Biotechnologica Et Chimica</i> , 2016, 15, 156-165.	0.1	0
40	Peptide-Mediated Biomineralization. <i>SpringerBriefs in Materials</i> , 2016, , .	0.3	6
41	Introduction to Peptide Chemistry and Materials Characterization. <i>SpringerBriefs in Materials</i> , 2016, , 1-17.	0.3	0
42	Biomineralization and the Sequence: Function Effects on the Peptide. <i>SpringerBriefs in Materials</i> , 2016, , 19-35.	0.3	0
43	Synergistic Approaches in Creating Functional Nanomaterials: Fusion Peptides and Bimetallic Nanostructures. <i>SpringerBriefs in Materials</i> , 2016, , 37-52.	0.3	0
44	Enhanced Nanomaterials Through Simple Tweaks in the Microenvironment. <i>SpringerBriefs in Materials</i> , 2016, , 53-64.	0.3	0
45	Occurrence of Near "Petal Effect on the Leaf Surface of <i>Annona squamosa</i> . <i>BioNanoScience</i> , 2016, 6, 272-275.	3.5	3
46	Sequence-dependent cluster analysis of biomineralization peptides. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2015, 70, 191-195.	1.4	2
47	Green Synthesis of Bimetallic PdAg Nanowires as Catalysts for the Conversion of Toxic Pollutants. <i>International Journal of Philippine Science and Technology</i> , 2015, 8, 41-43.	0.2	1
48	Effects of biomineralization peptide topology on the structure and catalytic activity of Pd nanomaterials. <i>Chemical Communications</i> , 2014, 50, 9259-9262.	4.1	23
49	Effects of Buffer on the Structure and Catalytic Activity of Palladium Nanomaterials Formed by Biomineralization. <i>Chemistry Letters</i> , 2014, 43, 1315-1317.	1.3	9
50	Semi-Empirical Predictions on the Structure and Properties of α -Ketoacids and Derivatives. <i>E-Journal of Chemistry</i> , 2011, 8, 703-710.	0.5	1
51	Evaluation of Enzymatic and Chemical Treatments to Produce Oxalate Depleted Starch from a Novel Variety of <i>Colocasia esculenta</i> Grown in Joida, India. <i>Starch/Staerke</i> , 0, , 2000231.	2.1	0