

Agastian Paul

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

872
citations

567281

15
h-index

610901

24
g-index

24
all docs

24
docs citations

24
times ranked

1321
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid biosynthesis and characterization of silver nanoparticles from the leaf extract of <i>Tropaeolum majus</i> L. and its enhanced in-vitro antibacterial, antifungal, antioxidant and anticancer properties. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 191, 65-74.	3.8	213
2	Green synthesis and characterization of gold nanoparticles using endophytic fungi <i>Fusarium solani</i> and its in-vitro anticancer and biomedical applications. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 706-712.	3.8	166
3	Chemical analysis of <i>Punica granatum</i> fruit peel and its in vitro and in vivo biological properties. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 264.	3.7	67
4	Gut Microbiome Modulation Based on Probiotic Application for Anti-Obesity: A Review on Efficacy and Validation. <i>Microorganisms</i> , 2019, 7, 456.	3.6	56
5	In vitro investigation on probiotic, anti-Candida, and antibiofilm properties of <i>Lactobacillus pentosus</i> strain LAP1. <i>Archives of Oral Biology</i> , 2018, 89, 99-106.	1.8	46
6	Anti-inflammatory activity of rhein isolated from the flowers of <i>Cassia fistula</i> L. and possible underlying mechanisms. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 96-104.	3.8	38
7	Anti-tubercular peptides: A quest of future therapeutic weapon to combat tuberculosis. <i>Asian Pacific Journal of Tropical Medicine</i> , 2016, 9, 1023-1034.	0.8	37
8	Gastroprotective effect of epoxy clerodane diterpene isolated from <i>Tinospora cordifolia</i> Miers (Guduchi) on indomethacin-induced gastric ulcer in rats. <i>Phytomedicine</i> , 2014, 21, 966-969.	5.3	29
9	Biological potency and characterization of antibacterial substances produced by <i>Lactobacillus pentosus</i> isolated from Hentak, a fermented fish product of North-East India. <i>SpringerPlus</i> , 2016, 5, 1743.	1.2	27
10	Anti-tubercular and probiotic properties of coagulase-negative staphylococci isolated from Koozh, a traditional fermented food of South India. <i>Microbial Pathogenesis</i> , 2018, 114, 239-250.	2.9	25
11	Emerging paradigms of viral diseases and paramount role of natural resources as antiviral agents. <i>Science of the Total Environment</i> , 2021, 759, 143539.	8.0	23
12	Some biological activities of <i>Epaltes divaricata</i> L. - an in vitro study. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2015, 14, 18.	3.8	22
13	Chemical composition, antioxidant activity and antibacterial mechanism of action from <i>Marsilea minuta</i> leaf hexane: methanol extract. <i>Chemistry Central Journal</i> , 2018, 12, 105.	2.6	21
14	Acetaminophen Induced Hepatotoxicity in Wistar Rats – A Proteomic Approach. <i>Molecules</i> , 2016, 21, 161.	3.8	18
15	Carboxymethyl cellulase production optimization from <i>Glutamicibacter arilaitensis</i> strain ALA4 and its application in lignocellulosic waste biomass saccharification. <i>Preparative Biochemistry and Biotechnology</i> , 2018, 48, 853-866.	1.9	16
16	Anti-inflammatory and analgesic activity of ononitol monohydrate isolated from <i>Cassia tora</i> L. in animal models. <i>Saudi Journal of Biological Sciences</i> , 2017, 24, 1933-1938.	3.8	15
17	Removal of SDS from biological protein digests for proteomic analysis by mass spectrometry. <i>Proteome Science</i> , 2016, 14, 11.	1.7	14
18	Anti-Obesity Efficacy of <i>Pediococcus acidilactici</i> MNL5 in <i>Caenorhabditis elegans</i> Gut Model. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1276.	4.1	10

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19	Anti-Pathogenic and Technological Traits of Coagulase-Negative Staphylococci Isolated from Koozh, a Fermented Food Product of South India. <i>Food Biotechnology</i> , 2018, 32, 286-304.	1.5	6
20	Isolation and characterization of <i>Aspergillus</i> sp. for the production of extracellular polysaccharides by response surface methodology. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 449-454.	3.8	6
21	Proteomic Analysis of Stage-II Breast Cancer from Formalin-Fixed Paraffin-Embedded Tissues. <i>BioMed Research International</i> , 2016, 2016, 1-6.	1.9	5
22	Enhancement of anti-tubercular activity and biomass of fermented food associated <i>Staphylococcus hominis</i> strain MANF2 using Taguchi orthogonal array and Box-Behnken design. <i>Microbial Pathogenesis</i> , 2018, 120, 8-18.	2.9	4
23	Hepatoprotective effect of selected isoandrographolide derivatives on steatotic HepG2 cells and High Fat Diet fed rats. <i>European Journal of Pharmacology</i> , 2021, 899, 174056.	3.5	4
24	Carbapenemases producing <i>Klebsiella pneumoniae</i> from the pus of hospitalized patients: In-vitro antibiotic properties of <i>Streptomyces</i> against multidrug resistant infectious bacteria. <i>Journal of Infection and Public Health</i> , 2021, 14, 892-897.	4.1	4