Shankar Subramaniam

List of Publications by Year
in descending order

Version: 2024-02-01

27 papers	542 citations	687363 13 h-index	642732 23 g-index
27 all docs	27 docs citations	27 times ranked	771 citing authors

#	Article	IF	Citations
1	Changes in the morphometric, textural, and aromatic characteristics of shiitake mushrooms during combined humid-convective drying. Drying Technology, 2021, 39, 2206-2217.	3.1	14
2	Impact of postâ€harvest processing or thermal dehydration on physiochemical, nutritional and sensory quality of shiitake mushrooms. Comprehensive Reviews in Food Science and Food Safety, 2021, 20, 2560-2595.	11.7	24
3	One-step microwave curing-dehydration of Gastrodia elata Blume: Relationship between phytochemicals, water states and morphometric characteristics. Industrial Crops and Products, 2020, 153, 112579.	5.2	10
4	Evaluating Phenyl Propanoids Isolated from Citrus medica as Potential Inhibitors for Mitotic kinesin Eg5. Letters in Drug Design and Discovery, 2020, 17, 1355-1363.	0.7	0
5	Ursolic acid inhibits colistin efflux and curtails colistin resistant Enterobacteriaceae. AMB Express, 2019, 9, 27.	3.0	20
6	Comparative studies of chitosan and its nanoparticles for the adsorption efficiency of various dyes. International Journal of Biological Macromolecules, 2017, 104, 1449-1458.	7.5	79
7	A benign alternative process for efficient separation of pure commercially important flavonoid nutraceuticals from edible plants. Journal of Food Science and Technology, 2017, 54, 1519-1526.	2.8	4
8	Plant phenyl-propanoids-conjugated silver nanoparticles from edible plant Suaeda maritima (L.) dumort. Inhibit proliferation of K562-human myeloid leukemia cells. Artificial Cells, Nanomedicine and Biotechnology, 2017, 45, 1336-1342.	2.8	14
9	An alternative green separation process for the pure isolation of commercially important bioactive molecules from plants. Green Processing and Synthesis, 2017, 6, .	3.4	0
10	Design, synthesis and â€œin vitroâ€•anti-leukemic evaluation of ferulic acid analogues as BCR-Abl inhibitors. RSC Advances, 2016, 6, 70480-70484.	3.6	5
11	Acetyl shikonin induces IL-12, nitric oxide and ROS to kill intracellular parasite Leishmania donovani in infected hosts. RSC Advances, 2016, 6, 61777-61783.	3.6	11
12	Microwave assisted adsorption based elution: a benign green process optimized by Box-Behnken modeling yields pure vasicine from Adhatoda vasica. Green Processing and Synthesis, 2016, 5, .	3.4	2
13	Jacalin-capped silver nanoparticles minimize the dosage use of the anticancer drug, shikonin derivatives, against human chronic myeloid leukemia. RSC Advances, 2016, 6, 18980-18989.	3.6	20
14	Antimicrobial flavonoids isolated from Indian medicinal plantScutellaria oblongainhibit biofilms formed by common food pathogens. Natural Product Research, 2016, 30, 2002-2006.	1.8	27
15	Development and extraction optimization of baicalein and pinostrobin from Scutellaria violacea through response surface methodology. Pharmacognosy Magazine, 2015, 11, 127.	0.6	12
16	Boxâ€“Behnken designed adsorption based elution â€“ unique separation process for commercially important acetyl shikonin from Arnebia nobilis. RSC Advances, 2015, 5, 6265-6270.	3.6	10
17	Dual role of pinostrobin-a flavonoid nutraceutical as an efflux pump inhibitor and antibiofilm agent to mitigate food borne pathogens. RSC Advances, 2015, 5, 61881-61887.	3.6	30
18	Dual role of select plant based nutraceuticals as antimicrobial agents to mitigate food borne pathogens and as food preservatives. RSC Advances, 2015, 5, 77168-77174.	3.6	13

#	Article	IF	Citations
19	An unique solvent assisted â€˜greenâ€™ hydrotropic precipitation and response surface optimization for isolation of the dietary micronutrient Î²-sitosterol-<scp>d</scp>-glucopyranoside from Desmostachya bipinnata. RSC Advances, 2015, 5, 7479-7484.	3.6	5
20	Synergistic antimicrobial profiling of violacein with commercial antibiotics against pathogenic micro-organisms. Pharmaceutical Biology, 2014, 52, 86-90.	2.9	53
21	Application of indigenous microbial consortia in bioremediation of oil-contaminated soils. International Journal of Environmental Science and Technology, 2014, 11, 367-376.	3.5	42
22	Spectroscopy investigation on chemo-catalytic, free radical scavenging and bactericidal properties of biogenic silver nanoparticles synthesized using Salicornia brachiata aqueous extract. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 118, 349-355.	3.9	72
23	Î²-Sitosterol-<scp>d</scp>-glucopyranoside isolated from Desmostachya bipinnata mediates photoinduced rapid green synthesis of silver nanoparticles. RSC Advances, 2014, 4, 59130-59136.	3.6	33
24	Synergistic antibacterial action of Î²-sitosterol-d-glucopyranoside isolated from Desmostachya bipinnata leaves with antibiotics against common human pathogens. Revista Brasileira De Farmacognosia, 2014, 24, 44-50.	1.4	30
25	Mosquito larvicidal activity of linear alkane hydrocarbons fromExcoecaria agallochaL. againstCulex quinquefasciatusSay.. Natural Product Research, 2012, 26, 2232-2234.	1.8	9
26	Adsorption efficacy of chitosan nanoparticles from Cunnighamella elegans on RBB dye. , 2011, , .		1
27	Process optimized, valorized phenylpropanoid nutraceuticals of Citrus waste stabilize the zero-valent silver as effective antibiofilm agents against Pseudomonas aeruginosa. Biomass Conversion and Biorefinery, 0, , .	4.6	2