Dr Subramaniam Sadhasivam

List of Publications by Year
in descending order

26 papers	1,252 citations	516710 16 h-index	552781 26 g-index
26 all docs	26 docs citations	26 times ranked	1709 citing authors

#	Article	IF	Citations
1	Zinc chloride activated carbon from <scp>Pleurotus floridanus</scp> biomass for piroxicam adsorption. Journal of Chemical Technology and Biotechnology, 2022, 97, 719-730.	3.2	7
2	Diclofenac biotransformation and toxicity assessment of laccase from Pleurotus floridanus. Cellular and Molecular Biology, 2022, 67, 439-450.	0.9	2
3	Fabrication and biomedical applications of Arabinoxylan, Pectin, Chitosan, soy protein, and silk fibroin hydrogels via laccase - Ferulic acid redox chemistry. International Journal of Biological Macromolecules, 2022, 201, 539-556.	7.5	20
4	Evaluation of hypoglycemic therapeutics and nutritional supplementation for type 2 diabetes mellitus management: An insight on molecular approaches. Biotechnology Letters, 2022, 44, 203-238.	2.2	7
5	Anti-pathogenic, anti-diabetic, anti-inflammatory, antioxidant, and wound healing efficacy of Datura metel L. leaves. Arabian Journal of Chemistry, 2022, 15, 104112.	4.9	8
6	Therapeutic and pharmacological efficacy of selective Indian medicinal plants â€“ A review. Phytomedicine Plus, 2021, 1, 100029.	2.0	58
7	Chitosan/Hyaluronic acid/Alginate and an assorted polymers loaded with honey, plant, and marine compounds for progressive wound healingâ€”Know-how. International Journal of Biological Macromolecules, 2021, 186, 656-685.	7.5	104
8	Phytochemical screening and in vitro antibacterial, antioxidant, anti-inflammatory, anti-diabetic, and wound healing attributes of Senna auriculata (L.) Roxb. leaves. Arabian Journal of Chemistry, 2021, 14, 103345.	4.9	24
9	Nanotechnology based solutions to combat zoonotic viruses with special attention to SARS, MERS, and COVID 19: Detection, protection and medication. Microbial Pathogenesis, 2021, 159, 105133.	2.9	16
10	Synthesis of chitosan-ferulic acid conjugated poly(vinyl alcohol) polymer film for an improved wound healing. Materials Today Communications, 2020, 25, 101510.	1.9	23
11	Social and Biological Parameters Involved in Suicide Ideation During the COVID-19 Pandemic: A Narrative Review. International Journal of Tryptophan Research, 2020, 13, 117864692097824.	2.3	5
12	Modelling, docking and simulation analysis of Bisphenol A interaction with laccase from Trichoderma. Bioinformation, 2020, 16, 323-331.	0.5	4
13	Therapeutic efficacy of nanoparticles and routes of administration. Biomaterials Research, 2019, 23, 20.	6.9	561
14	Efficacy of Bletilla striata polysaccharide on hydrogen peroxide-induced apoptosis of osteoarthritic chondrocytes. Journal of Polymer Research, 2018, 25, 1.	2.4	27
15	Trichoderma asperellum laccase mediated crystal violet degradationâ€“Optimization of experimental conditions and characterization. Journal of Environmental Chemical Engineering, 2017, 5, 222-231.	6.7	31
16	Enhanced biodegradation and detoxification of malachite green by Trichoderma asperellum laccase: Degradation pathway and product analysis. International Biodeterioration and Biodegradation, 2017, 125, 258-268.	3.9	56
17	In vitro and in vivo assessment of chitosan modified urocanic acid as gene carrier. Materials Science and Engineering C, 2017, 70, 599-606.	7.3	9
18	MWCNT-Fe3O4-based immuno-PCR for the early screening of nasopharyngeal carcinoma. Materials Science and Engineering C, 2016, 61, 422-428.	7.3	10

#	Article	IF	Citations
19	Hydroxyapatite-calcium sulfate-hyaluronic acid composite encapsulated with collagenase as bone substitute for alveolar bone regeneration. Biomaterials, 2016, 74, 99-108.	11.4	105
20	A potent inhibition of oxidative stress induced gene expression in neural cells by sustained ferulic acid release from chitosan based hydrogel. Materials Science and Engineering C, 2015, 49, 691-699.	7.3	35
21	Antiâ€inflammatory effects of hydrophilic and lipophilic statins with hyaluronic acid against <scp>LPS</scp>â€induced inflammation in porcine articular chondrocytes. Journal of Orthopaedic Research, 2014, 32, 557-565.	2.3	37
22	Deployment of Trichoderma harzianum WL1 laccase in pulp bleaching and paper industry effluent treatment. Journal of Cleaner Production, 2010, 18, 799-806.	9.3	33
23	Biosorption of RBBR by Trichoderma harzianum WL1 in stirred tank and fluidized bed reactor models. Journal of the Taiwan Institute of Chemical Engineers, 2010, 41, 326-332.	5.3	10
24	A prototype of proposed treatment plant for sago factory effluent. Journal of Cleaner Production, 2009, 17, 1363-1372.	9.3	20
25	Metabolically inactive Trichoderma harzianum mediated adsorption of synthetic dyes: Equilibrium and kinetic studies. Journal of the Taiwan Institute of Chemical Engineers, 2009, 40, 394-402.	5.3	25
26	Feasibility of using Trichoderma harzianum biomass for the removal of erioglaucine from aqueous solution. World Journal of Microbiology and Biotechnology, 2007, 23, 1075-1081.	3.6	15