

# Dr Subramaniam Sadhasivam

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Therapeutic efficacy of nanoparticles and routes of administration. <i>Biomaterials Research</i> , 2019, 23, 20.	6.9	561
2	Hydroxyapatite-calcium sulfate-hyaluronic acid composite encapsulated with collagenase as bone substitute for alveolar bone regeneration. <i>Biomaterials</i> , 2016, 74, 99-108.	11.4	105
3	Chitosan/Hyaluronic acid/Alginate and an assorted polymers loaded with honey, plant, and marine compounds for progressive wound healing—Know-how. <i>International Journal of Biological Macromolecules</i> , 2021, 186, 656-685.	7.5	104
4	Therapeutic and pharmacological efficacy of selective Indian medicinal plants – A review. <i>Phytomedicine Plus</i> , 2021, 1, 100029.	2.0	58
5	Enhanced biodegradation and detoxification of malachite green by <i>Trichoderma asperellum</i> laccase: Degradation pathway and product analysis. <i>International Biodeterioration and Biodegradation</i> , 2017, 125, 258-268.	3.9	56
6	Anti-inflammatory effects of hydrophilic and lipophilic statins with hyaluronic acid against LPS-induced inflammation in porcine articular chondrocytes. <i>Journal of Orthopaedic Research</i> , 2014, 32, 557-565.	2.3	37
7	A potent inhibition of oxidative stress induced gene expression in neural cells by sustained ferulic acid release from chitosan based hydrogel. <i>Materials Science and Engineering C</i> , 2015, 49, 691-699.	7.3	35
8	Deployment of <i>Trichoderma harzianum</i> WL1 laccase in pulp bleaching and paper industry effluent treatment. <i>Journal of Cleaner Production</i> , 2010, 18, 799-806.	9.3	33
9	<i>Trichoderma asperellum</i> laccase mediated crystal violet degradation—Optimization of experimental conditions and characterization. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 222-231.	6.7	31
10	Efficacy of <i>Bletilla striata</i> polysaccharide on hydrogen peroxide-induced apoptosis of osteoarthritic chondrocytes. <i>Journal of Polymer Research</i> , 2018, 25, 1.	2.4	27
11	Metabolically inactive <i>Trichoderma harzianum</i> mediated adsorption of synthetic dyes: Equilibrium and kinetic studies. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2009, 40, 394-402.	5.3	25
12	Phytochemical screening and in vitro antibacterial, antioxidant, anti-inflammatory, anti-diabetic, and wound healing attributes of <i>Senna auriculata</i> (L.) Roxb. leaves. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103345.	4.9	24
13	Synthesis of chitosan-ferulic acid conjugated poly(vinyl alcohol) polymer film for an improved wound healing. <i>Materials Today Communications</i> , 2020, 25, 101510.	1.9	23
14	A prototype of proposed treatment plant for sago factory effluent. <i>Journal of Cleaner Production</i> , 2009, 17, 1363-1372.	9.3	20
15	Fabrication and biomedical applications of Arabinoxylan, Pectin, Chitosan, soy protein, and silk fibroin hydrogels via laccase - Ferulic acid redox chemistry. <i>International Journal of Biological Macromolecules</i> , 2022, 201, 539-556.	7.5	20
16	Nanotechnology based solutions to combat zoonotic viruses with special attention to SARS, MERS, and COVID 19: Detection, protection and medication. <i>Microbial Pathogenesis</i> , 2021, 159, 105133.	2.9	16
17	Feasibility of using <i>Trichoderma harzianum</i> biomass for the removal of erioglucine from aqueous solution. <i>World Journal of Microbiology and Biotechnology</i> , 2007, 23, 1075-1081.	3.6	15
18	Biosorption of RBBR by <i>Trichoderma harzianum</i> WL1 in stirred tank and fluidized bed reactor models. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2010, 41, 326-332.	5.3	10

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19	MWCNT-Fe <sub>3</sub> O <sub>4</sub> -based immuno-PCR for the early screening of nasopharyngeal carcinoma. Materials Science and Engineering C, 2016, 61, 422-428.	7.3	10
20	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
21	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
22	Zinc chloride activated carbon from <i>Pleurotus floridanus</i> biomass for piroxicam adsorption. Journal of Chemical Technology and Biotechnology, 2022, 97, 719-730.	3.2	7
23	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
24	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
25	Modelling, docking and simulation analysis of Bisphenol A interaction with laccase from <i>Trichoderma</i> . Bioinformation, 2020, 16, 323-331.	0.5	4
26	Diclofenac biotransformation and toxicity assessment of laccase from <i>Pleurotus floridanus</i> . Cellular and Molecular Biology, 2022, 67, 439-450.	0.9	2