

# Jayachandra Yaradoddi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8664116/publications.pdf>

Version: 2024-02-01

21  
papers

381  
citations

1307594

7  
h-index

1372567

10  
g-index

21  
all docs

21  
docs citations

21  
times ranked

285  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodegradable carboxymethyl cellulose based material for sustainable packaging application. Scientific Reports, 2020, 10, 21960.	3.3	114
2	Siderophore as a Potential Plant Growth-Promoting Agent Produced by <i>Pseudomonas aeruginosa</i> JAS-25. Applied Biochemistry and Biotechnology, 2014, 174, 297-308.	2.9	53
3	Antifungal attributes of siderophore produced by the <i>Pseudomonas aeruginosa</i> JAS-25. Journal of Basic Microbiology, 2014, 54, 418-424.	3.3	52
4	Experimental and Simulation Studies on Waste Vegetable Peels as Bio-composite Fillers for Light Duty Applications. Arabian Journal for Science and Engineering, 2019, 44, 7895-7907.	3.0	39
5	Bio-based material from fruit waste of orange peel for industrial applications. Journal of Materials Research and Technology, 2022, 17, 3186-3197.	5.8	38
6	Green Nanotechnology for Biomedical, Food, and Agricultural Applications. , 2019, , 2681-2698.		18
7	Alternative and Renewable Bio-based and Biodegradable Plastics. , 2019, , 2935-2954.		13
8	Synthesis Techniques for Preparation of Nanomaterials. , 2019, , 83-103.		11
9	Statistical Analysis of Polymer Nanocomposites for Mechanical Properties. Molecules, 2021, 26, 4135.	3.8	11
10	Biological synthesis and characterization of tri-metallic alloy (Au Ag, Sr) nanoparticles and its sensing studies. IOP Conference Series: Materials Science and Engineering, 2018, 376, 012054.	0.6	8
11	Synthesis and Characterization of Nano Strontium Ferrite and its gas sensing studies. IOP Conference Series: Materials Science and Engineering, 2018, 376, 012055.	0.6	7
12	Development of Neem Based Bioplastic for Food Packaging Application. IOP Conference Series: Materials Science and Engineering, 2018, 376, 012052.	0.6	7
13	RNA Nanotechnology. , 2019, , 3587-3600.		4
14	Production, Characterization, and Antimicrobial Activity of Pigment from <i>Streptomyces</i> Species. Journal of Nanomaterials, 2022, 2022, 1-8.	2.7	3
15	Protein Nanotechnology. , 2019, , 3573-3585.		2
16	Conducting Polymer Composite-Based Sensors for Flexible Electronics. , 2019, , 1311-1341.		1
17	Fabrication and development of magnetically actuated PDMS micropump for drug delivery. IOP Conference Series: Materials Science and Engineering, 2018, 376, 012128.	0.6	0
18	Synthesis and characterisation of iron oxide (Fe <sub>3</sub> O <sub>4</sub> ) ferrofluid nanoparticles coated by poly (vinyl) Tj ETQq0 0 0 rgBT_/Overlock 10 Tf 50	0.6	0

#	ARTICLE	IF	CITATIONS
19	Polyaniline Synthesis and Its Wide-Range Sensor and Electronic Applications. , 2019, , 1267-1292.		0
20	Conventional and Renewable Energy-Based Hydrogen Production. , 2019, , 1875-1890.		0
21	Biomass Energy and Bio-solar Hybrid Energy Systems. , 2019, , 901-912.		0