

Nagaraj Basavegowda

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/855187/publications.pdf>

Version: 2024-02-01

31
papers

1,335
citations

304701

22
h-index

434170

31
g-index

32
all docs

32
docs citations

32
times ranked

1823
citing authors

#	ARTICLE	IF	CITATIONS
1	Phyto-synthesis of gold nanoparticles using fruit extract of <i>Hovenia dulcis</i> and their biological activities. <i>Industrial Crops and Products</i> , 2014, 52, 745-751.	5.2	103
2	Synthesis of silver nanoparticles using Satsuma mandarin (<i>Citrus unshiu</i>) peel extract: A novel approach towards waste utilization. <i>Materials Letters</i> , 2013, 109, 31-33.	2.6	88
3	Synergistic Antioxidant and Antibacterial Advantages of Essential Oils for Food Packaging Applications. <i>Biomolecules</i> , 2021, 11, 1267.	4.0	81
4	Green fabrication of ferromagnetic Fe ₃ O ₄ nanoparticles and their novel catalytic applications for the synthesis of biologically interesting benzoxazinone and benzthioxazinone derivatives. <i>New Journal of Chemistry</i> , 2014, 38, 5415-5420.	2.8	73
5	Trimetallic FeAgPt alloy as a nanocatalyst for the reduction of 4-nitroaniline and decolorization of rhodamine B: A comparative study. <i>Journal of Alloys and Compounds</i> , 2017, 701, 456-464.	5.5	70
6	Biosynthesis of Fe, Pd, and Fe-Pd bimetallic nanoparticles and their application as recyclable catalysts for [3 + 2] cycloaddition reaction: a comparative approach. <i>Catalysis Science and Technology</i> , 2015, 5, 2612-2621.	4.1	68
7	Preparation of Au and Ag nanoparticles using <i>Artemisia annua</i> and their in vitro antibacterial and tyrosinase inhibitory activities. <i>Materials Science and Engineering C</i> , 2014, 43, 58-64.	7.3	64
8	Sonochemically synthesized ferromagnetic Fe ₃ O ₄ nanoparticles as a recyclable catalyst for the preparation of pyrrolo[3,4-c]quinoline-1,3-dione derivatives. <i>RSC Advances</i> , 2014, 4, 61660-61666.	3.6	61
9	Bimetallic and Trimetallic Nanoparticles for Active Food Packaging Applications: A Review. <i>Food and Bioprocess Technology</i> , 2020, 13, 30-44.	4.7	61
10	Multimetallic Nanoparticles as Alternative Antimicrobial Agents: Challenges and Perspectives. <i>Molecules</i> , 2021, 26, 912.	3.8	57
11	Synthesis, characterization, and catalytic applications of hematite (Fe ₂ O ₃) Nanotechnology, 2017, 8, 025017.	1.5	54
12	Plant Mediated Synthesis Of Gold Nanoparticles Using Fruit Extracts Of <i>Ananas Comosus</i> (L.) (Pineapple) And Evaluation Of Biological Activities. <i>Advanced Materials Letters</i> , 2013, 4, 332-337.	0.6	51
13	Enhanced catalytic performance of magnetic Fe ₃ O ₄ -MnO ₂ nanocomposites for the decolorization of rhodamine B, reduction of 4-nitroaniline, and sp ³ C-H functionalization of 2-methylpyridines to isatins. <i>Journal of Catalysis</i> , 2016, 344, 273-285.	6.2	47
14	Essential Oils and Mono/bi/tri-Metallic Nanocomposites as Alternative Sources of Antimicrobial Agents to Combat Multidrug-Resistant Pathogenic Microorganisms: An Overview. <i>Molecules</i> , 2020, 25, 1058.	3.8	46
15	Current and future perspectives on the use of nanofertilizers for sustainable agriculture: the case of phosphorus nanofertilizer. <i>3 Biotech</i> , 2021, 11, 357.	2.2	45
16	Ultrasonic-assisted green synthesis of palladium nanoparticles and their nanocatalytic application in multicomponent reaction. <i>New Journal of Chemistry</i> , 2015, 39, 972-977.	2.8	42
17	Sonochemical Green Synthesis of Yttrium Oxide (Y ₂ O ₃) Nanoparticles as a Novel Heterogeneous Catalyst for the Construction of Biologically Interesting 1,3-Thiazolidin-4-ones. <i>Catalysis Letters</i> , 2017, 147, 2630-2639.	2.6	42
18	Advances in Functional Biopolymer-Based Nanocomposites for Active Food Packaging Applications. <i>Polymers</i> , 2021, 13, 4198.	4.5	42

#	ARTICLE	IF	CITATIONS
19	Green synthesis and characterization of palladium nanoparticles and their catalytic performance for the efficient synthesis of biologically interesting di(indolyl)indolin-2-ones. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 21, 1365-1372.	5.8	36
20	Tyrosinase inhibitory activity of silver nanoparticles treated with <i>Hovenia dulcis</i> fruit extract: An in vitro study. <i>Materials Letters</i> , 2014, 129, 28-30.	2.6	32
21	Comparative study on antidiabetic, cytotoxicity, antioxidant and antibacterial properties of biosynthesized silver nanoparticles using outer peels of two varieties of <i>Ipomoea batatas</i> (L.) Lam. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 4741-4754.	6.7	30
22	AuFeAg hybrid nanoparticles as an efficient recyclable catalyst for the synthesis of 1,2- and 1,2-dichloroenones. <i>Applied Catalysis A: General</i> , 2015, 506, 180-187.	4.3	28
23	Access to enhanced catalytic core-shell CuO-Pd nanoparticles for the organic transformations. <i>RSC Advances</i> , 2016, 6, 27974-27982.	3.6	20
24	One-step synthesis of highly-biocompatible spherical gold nanoparticles using <i>Artocarpus heterophyllus</i> Lam. (jackfruit) fruit extract and its effect on pathogens. <i>Annals of Agricultural and Environmental Medicine</i> , 2015, 22, 84-89.	1.0	19
25	Bioreduction of chloroaurate ions using fruit extract of <i>Punica granatum</i> (Pomegranate) for synthesis of highly stable gold nanoparticles and assessment of its antibacterial activity. <i>Micro and Nano Letters</i> , 2013, 8, 400-404.	1.3	18
26	Fe ₃ O ₄ -decorated MWCNTs as an efficient and sustainable heterogeneous nanocatalyst for the synthesis of polyfunctionalised pyridines in water. <i>Materials Technology</i> , 2019, 34, 558-569.	3.0	12
27	Synthesis of Gold and Silver Nanoparticles Using Leaf Extract of <i>Perilla frutescens</i> : A Biogenic Approach. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 4377-4382.	0.9	10
28	Efficient Cu(OTf) ₂ -catalyzed synthesis of novel and diverse 2,3-dihydroquinazolin-4(1H)-ones. <i>Molecular Diversity</i> , 2015, 19, 67-75.	3.9	9
29	Magnetically Separable Iron Oxide Nanoparticles: An Efficient and Reusable Catalyst for Imino Diels-Alder Reaction. <i>Bulletin of the Korean Chemical Society</i> , 2016, 37, 142-147.	1.9	9
30	Antioxidant and Anti-tyrosinase Activities of Palladium Nanoparticles Synthesized Using <i>Saururus chinensis</i> . <i>Journal of Cluster Science</i> , 2016, 27, 733-744.	3.3	9
31	Bimetallic p-ZnO/n-CuO nanocomposite synthesized using <i>Aegle marmelos</i> leaf extract exhibits excellent visible-light-driven photocatalytic removal of 4-nitroaniline and methyl orange. <i>Photochemical and Photobiological Sciences</i> , 2022, 21, 1357-1370.	2.9	8