

Mufsir Kuniyil

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1455452/publications.pdf>

Version: 2024-02-01

61
papers

2,370
citations

279798

23
h-index

214800

47
g-index

62
all docs

62
docs citations

62
times ranked

3020
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in Graphene/Inorganic Nanoparticle Composites for Catalytic Applications. <i>Chemical Record</i> , 2022, 22, e202100274.	5.8	16
2	<i>Pulicaria undulata</i> Extract-Mediated Eco-Friendly Preparation of TiO ₂ Nanoparticles for Photocatalytic Degradation of Methylene Blue and Methyl Orange. <i>ACS Omega</i> , 2022, 7, 4812-4820.	3.5	43
3	Photocatalytic Degradation of Methylene Blue and Metanil Yellow Dyes Using Green Synthesized Zinc Oxide (ZnO) Nanocrystals. <i>Crystals</i> , 2022, 12, 22.	2.2	20
4	Green Synthesis of Silver Nanoparticles Using <i>Juniperus procera</i> Extract: Their Characterization, and Biological Activity. <i>Crystals</i> , 2022, 12, 420.	2.2	28
5	Photocatalytic Degradation of Cefixime Trihydrate by Bismuth Ferrite Nanoparticles. <i>Materials</i> , 2022, 15, 213.	2.9	17
6	Pyrene Functionalized Highly Reduced Graphene Oxide-palladium Nanocomposite: A Novel Catalyst for the Mizoroki-Heck Reaction in Water. <i>Frontiers in Chemistry</i> , 2022, 10, 872366.	3.6	2
7	ZnCl ₂ catalyzed new coumarinyl-chalcones as cytotoxic agents. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 386-394.	3.8	9
8	Mn ₃ O ₄ nanoparticles: Synthesis, characterization and their antimicrobial and anticancer activity against A549 and MCF-7 cell lines. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 1196-1202.	3.8	24
9	Production of biodiesel from waste cooking oil using ZnCuO/N-doped graphene nanocomposite as an efficient heterogeneous catalyst. <i>Arabian Journal of Chemistry</i> , 2021, 14, 102982.	4.9	51
10	Solventless Mechanochemical Fabrication of ZnO@MnCO ₃ /N-Doped Graphene Nanocomposite: Efficacious and Recoverable Catalyst for Selective Aerobic Dehydrogenation of Alcohols under Alkali-Free Conditions. <i>Catalysts</i> , 2021, 11, 760.	3.5	6
11	Enhanced Apoptosis by Functionalized Highly Reduced Graphene Oxide and Gold Nanocomposites in MCF-7 Breast Cancer Cells. <i>ACS Omega</i> , 2021, 6, 15147-15155.	3.5	11
12	Synthesis of 14-Substituted-14H-Dibenzo[a,j]Xanthene Derivatives in Presence of Effective Synergetic Catalytic System Bleaching Earth Clay and PEG-600. <i>Catalysts</i> , 2021, 11, 1294.	3.5	2
13	Eco-Friendly and Solvent-Less Mechanochemical Synthesis of ZrO ₂ @MnCO ₃ /N-Doped Graphene Nanocomposites: A Highly Efficacious Catalyst for Base-Free Aerobic Oxidation of Various Types of Alcohols. <i>Catalysts</i> , 2020, 10, 1136.	3.5	5
14	Facile synthesis of Pd@graphene nanocomposites with enhanced catalytic activity towards Suzuki coupling reaction. <i>Scientific Reports</i> , 2020, 10, 11728.	3.3	26
15	Synthesis of Au, Ag, and Au@Ag Bimetallic Nanoparticles Using <i>Pulicaria undulata</i> Extract and Their Catalytic Activity for the Reduction of 4-Nitrophenol. <i>Nanomaterials</i> , 2020, 10, 1885.	4.1	52
16	Synthesis and Characterization of Co ₃ O ₄ @MnCO ₃ and Co ₃ O ₄ @Mn ₂ O ₃ Catalysts: A Comparative Catalytic Assessment Towards the Aerial Oxidation of Various Kinds of Alcohols. <i>Processes</i> , 2020, 8, 910.	2.8	5
17	Nanocomposites of gold nanoparticles with pregabalin: The future anti-seizure drug. <i>Arabian Journal of Chemistry</i> , 2020, 13, 6267-6273.	4.9	8
18	Efficient aerial oxidation of different types of alcohols using ZnO nanoparticle@MnCO ₃ @graphene oxide composites. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5718.	3.5	23

#	ARTICLE	IF	CITATIONS
19	Eco-Friendly Mechanochemical Preparation of Ag ₂ O@MnO ₂ /Graphene Oxide Nanocomposite: An Efficient and Reusable Catalyst for the Base-Free, Aerial Oxidation of Alcohols. <i>Catalysts</i> , 2020, 10, 281.	3.5	19
20	Enhanced Antimicrobial Activity of Biofunctionalized Zirconia Nanoparticles. <i>ACS Omega</i> , 2020, 5, 1987-1996.	3.5	71
21	Facile Sonochemical Preparation of Au-ZrO ₂ Nanocatalyst for the Catalytic Reduction of 4-Nitrophenol. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 503.	2.5	12
22	A Facile Synthesis of ZrO _x -MnCO ₃ /Graphene Oxide (GRO) Nanocomposites for the Oxidation of Alcohols using Molecular Oxygen under Base Free Conditions. <i>Catalysts</i> , 2019, 9, 759.	3.5	12
23	One-Pot Synthesized Pd@N-Doped Graphene: An Efficient Catalyst for Suzuki-Miyaura Couplings. <i>Catalysts</i> , 2019, 9, 469.	3.5	25
24	Solvothermal Preparation and Electrochemical Characterization of Cubic ZrO ₂ Nanoparticles/Highly Reduced Graphene (HRG) based Nanocomposites. <i>Materials</i> , 2019, 12, 711.	2.9	26
25	Ag ₂ O nanoparticles/MnCO ₃ , @MnO ₂ or @Mn ₂ O ₃ /highly reduced graphene oxide composites as an efficient and recyclable oxidation catalyst. <i>Arabian Journal of Chemistry</i> , 2019, 12, 54-68.	4.9	29
26	Ag ₂ O Nanoparticles-Doped Manganese Immobilized on Graphene Nanocomposites for Aerial Oxidation of Secondary Alcohols. <i>Metals</i> , 2018, 8, 468.	2.3	3
27	Plant-Extract-Assisted Green Synthesis of Silver Nanoparticles Using <i>Origanum vulgare</i> L. Extract and Their Microbicidal Activities. <i>Sustainability</i> , 2018, 10, 913.	3.2	211
28	Plant extracts as green reductants for the synthesis of silver nanoparticles: lessons from chemical synthesis. <i>Dalton Transactions</i> , 2018, 47, 11988-12010.	3.3	97
29	Silver-doped manganese based nanocomposites for aerial oxidation of alcohols. <i>Materials Express</i> , 2018, 8, 35-54.	0.5	7
30	Miswak mediated green synthesized palladium nanoparticles as effective catalysts for the Suzuki coupling reactions in aqueous media. <i>Journal of Saudi Chemical Society</i> , 2017, 21, 450-457.	5.2	84
31	Promoting effects of thoria on the nickel-manganese mixed oxide catalysts for the aerobic oxidation of benzyl alcohol. <i>Arabian Journal of Chemistry</i> , 2017, 10, 448-457.	4.9	12
32	Synthesis and comparative catalytic study of zinc oxide (ZnO _x) nanoparticles promoted MnCO ₃ , MnO ₂ and Mn ₂ O ₃ for selective oxidation of benzylic alcohols using molecular oxygen. <i>Materials Express</i> , 2017, 7, 79-92.	0.5	23
33	Benzyl Alcohol Assisted Synthesis and Characterization of Highly Reduced Graphene Oxide (HRG)@ZrO ₂ Nanocomposites. <i>ChemistrySelect</i> , 2017, 2, 3078-3083.	1.5	6
34	Synthesis and Comparative Catalytic Study of Zirconia-MnCO ₃ -Mn ₂ O ₃ for the Oxidation of Benzylic Alcohols. <i>ChemistryOpen</i> , 2017, 6, 112-120.	1.9	10
35	Ytterbia doped nickel-manganese mixed oxide catalysts for liquid phase oxidation of benzyl alcohol. <i>Journal of Saudi Chemical Society</i> , 2017, 21, 878-886.	5.2	3
36	A highly reduced graphene oxide/ZrO _x @MnCO ₃ or @Mn ₂ O ₃ nanocomposite as an efficient catalyst for selective aerial oxidation of benzylic alcohols. <i>RSC Advances</i> , 2017, 7, 55336-55349.	3.6	42

#	ARTICLE	IF	CITATIONS
37	Green Synthesis and Characterization of Palladium Nanoparticles Using <i>Origanum vulgare</i> L. Extract and Their Catalytic Activity. <i>Molecules</i> , 2017, 22, 165.	3.8	101
38	Plant Extract Mediated Eco-Friendly Synthesis of Pd@Graphene Nanocatalyst: An Efficient and Reusable Catalyst for the Suzuki-Miyaura Coupling. <i>Catalysts</i> , 2017, 7, 20.	3.5	20
39	Mixed Zinc/Manganese on Highly Reduced Graphene Oxide: A Highly Active Nanocomposite Catalyst for Aerial Oxidation of Benzylic Alcohols. <i>Catalysts</i> , 2017, 7, 391.	3.5	21
40	Synthesis, Characterization, and Relative Study on the Catalytic Activity of Zinc Oxide Nanoparticles Doped MnCO ₃ , MnO ₂ , and Mn ₂ O ₃ Nanocomposites for Aerial Oxidation of Alcohols. <i>Journal of Chemistry</i> , 2017, 2017, 1-17.	1.9	8
41	Comparative Catalytic Evaluation of Nano-ZrO _x Promoted Manganese Catalysts: Kinetic Study and the Effect of Dopant on the Aerobic Oxidation of Secondary Alcohols. <i>Advances in Materials Science and Engineering</i> , 2017, 2017, 1-14.	1.8	6
42	Modified Polyacrylic Acid-Zinc Composites: Synthesis, Characterization and Biological Activity. <i>Molecules</i> , 2016, 21, 292.	3.8	20
43	Apoptosis inducing ability of silver decorated highly reduced graphene oxide nanocomposites in A549 lung cancer. <i>International Journal of Nanomedicine</i> , 2016, 11, 873.	6.7	31
44	Miswak-Based Green Synthesis of Silver Nanoparticles: Evaluation and Comparison of Their Microbicidal Activities with the Chemical Synthesis. <i>Molecules</i> , 2016, 21, 1478.	3.8	40
45	Green synthesis of Pd@graphene nanocomposite: Catalyst for the selective oxidation of alcohols. <i>Arabian Journal of Chemistry</i> , 2016, 9, 835-845.	4.9	50
46	Removal of secbumeton herbicide from water on composite nanoadsorbent. <i>Desalination and Water Treatment</i> , 2016, 57, 10409-10421.	1.0	120
47	Evaluation of Biological Activities of Chemically Synthesized Silver Nanoparticles. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-7.	2.7	19
48	Vanadia supported on nickel manganese oxide nanocatalysts for the catalytic oxidation of aromatic alcohols. <i>Nanoscale Research Letters</i> , 2015, 10, 52.	5.7	18
49	Mechanistic Approaches of PHE and PPF Columns for Separation of Raspberry Ketone and Caffeine. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2015, 38, 1324-1332.	1.0	9
50	Ceria doped mixed metal oxide nanoparticles as oxidation catalysts: Synthesis and their characterization. <i>Arabian Journal of Chemistry</i> , 2015, 8, 766-770.	4.9	18
51	Biogenic synthesis of metallic nanoparticles and prospects toward green chemistry. <i>Dalton Transactions</i> , 2015, 44, 9709-9717.	3.3	174
52	<i>Pulicaria glutinosa</i> Extract: A Toolbox to Synthesize Highly Reduced Graphene Oxide-Silver Nanocomposites. <i>International Journal of Molecular Sciences</i> , 2015, 16, 1131-1142.	4.1	53
53	Green Approach for the Effective Reduction of Graphene Oxide Using <i>Salvadora persica</i> L. Root (Miswak) Extract. <i>Nanoscale Research Letters</i> , 2015, 10, 987.	5.7	138
54	Stereoselective interactions of chiral dipeptides on amylose based chiral stationary phases. <i>Science China Chemistry</i> , 2015, 58, 519-525.	8.2	11

#	ARTICLE	IF	CITATIONS
55	Selective oxidation of benzylic alcohols using copper-manganese mixed oxide nanoparticles as catalyst. <i>Arabian Journal of Chemistry</i> , 2015, 8, 512-517.	4.9	18
56	Antibacterial properties of silver nanoparticles synthesized using <i>Pulicaria glutinosa</i> plant extract as a green bioreductant. <i>International Journal of Nanomedicine</i> , 2014, 9, 3551.	6.7	55
57	<i>Pulicaria glutinosa</i> plant extract: a green and eco-friendly reducing agent for the preparation of highly reduced graphene oxide. <i>RSC Advances</i> , 2014, 4, 24119-24125.	3.6	73
58	Biogenic synthesis of palladium nanoparticles using <i>Pulicaria glutinosa</i> extract and their catalytic activity towards the Suzuki coupling reaction. <i>Dalton Transactions</i> , 2014, 43, 9026-9031.	3.3	157
59	Green synthesis of silver nanoparticles mediated by <i>Pulicaria glutinosa</i> extract. <i>International Journal of Nanomedicine</i> , 2013, 8, 1507.	6.7	151
60	Selective Oxidation of Benzylic Alcohols with Molecular Oxygen Catalyzed by Copper-Manganese Oxide Nanoparticles. <i>Asian Journal of Chemistry</i> , 2013, 25, 4815-4819.	0.3	3
61	Synthesis, characterization, crystal structure and chemical behavior of [1,1-bis(diphenylphosphinomethyl)ethene]ruthenium(II) complex toward primary alkylamine addition. <i>Transition Metal Chemistry</i> , 2009, 34, 347-352.	1.4	16