

# Merajuddin Khan

## List of Publications by Year in descending order

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55  
papers

2,559  
citations

186209

28  
h-index

197736

49  
g-index

55  
all docs

55  
docs citations

55  
times ranked

3251  
citing authors

#	ARTICLE	IF	CITATIONS
1	Screening of potential cytotoxic activities of some medicinal plants of Saudi Arabia. Saudi Journal of Biological Sciences, 2022, 29, 1801-1807.	1.8	7
2	<i>Pulicaria undulata</i> Extract-Mediated Eco-Friendly Preparation of TiO <sub>2</sub> Nanoparticles for Photocatalytic Degradation of Methylene Blue and Methyl Orange. ACS Omega, 2022, 7, 4812-4820.	1.6	43
3	Green Synthesis of Silver Nanoparticles Using Juniperus procera Extract: Their Characterization, and Biological Activity. Crystals, 2022, 12, 420.	1.0	28
4	Engineered Nanomaterials in Soil: Their Impact on Soil Microbiome and Plant Health. Plants, 2022, 11, 109.	1.6	35
5	Pyrene Functionalized Highly Reduced Graphene Oxide-palladium Nanocomposite: A Novel Catalyst for the Mizoroki-Heck Reaction in Water. Frontiers in Chemistry, 2022, 10, 872366.	1.8	2
6	Adsorption Studies of Arsenic(V) by CuO Nanoparticles Synthesized by Phyllanthus emblica Leaf-Extract-Fueled Solution Combustion Synthesis. Sustainability, 2021, 13, 2017.	1.6	9
7	Evaluation of the Anticancer Activity of Phytomolecules Conjugated Gold Nanoparticles Synthesized by Aqueous Extracts of Zingiber officinale (Ginger) and Nigella sativa L. Seeds (Black Cumin). Materials, 2021, 14, 3368.	1.3	15
8	COVID-19: A Global Challenge with Old History, Epidemiology and Progress So Far. Molecules, 2021, 26, 39.	1.7	296
9	Comparative study on the essential oils of Artemisia judaica and A. herba-alba from Saudi Arabia. Arabian Journal of Chemistry, 2020, 13, 2053-2065.	2.3	33
10	Phytochemical analysis and bioactivity screening of three medicinal plants of Saudi Arabia. Tropical Journal of Pharmaceutical Research, 2020, 19, 371-376.	0.2	5
11	Synthesis of Au, Ag, and Au@Ag Bimetallic Nanoparticles Using Pulicaria undulata Extract and Their Catalytic Activity for the Reduction of 4-Nitrophenol. Nanomaterials, 2020, 10, 1885.	1.9	52
12	Ecofriendly Synthesis of Silver Nanoparticles Using Aqueous Extracts of Zingiber officinale (Ginger) and Nigella sativa L. Seeds (Black Cumin) and Comparison of Their Antibacterial Potential. Sustainability, 2020, 12, 10523.	1.6	11
13	Antibiotic and Antibiofilm Activities of Salvadora persica L. Essential Oils against Streptococcus mutans: A Detailed Comparative Study with Chlorhexidine Digluconate. Pathogens, 2020, 9, 66.	1.2	18
14	Characterization of secondary metabolites of leaf and stem essential oils of Achillea fragrantissima from central region of Saudi Arabia. Arabian Journal of Chemistry, 2020, 13, 5254-5261.	2.3	12
15	Synthesis of Green Recyclable Magnetic Iron Oxide Nanomaterials Coated by Hydrophobic Plant Extracts for Efficient Collection of Oil Spills. Nanomaterials, 2019, 9, 1505.	1.9	12
16	Secondary Metabolites from Two Plectranthus Species. Chemistry of Natural Compounds, 2019, 55, 367-369.	0.2	1
17	Chemical diversity in leaf and stem essential oils of Origanum vulgare L. and their effects on microbicidal activities. AMB Express, 2019, 9, 176.	1.4	48
18	Evaluation of Matricaria aurea Extracts as Effective Anti-Corrosive Agent for Mild Steel in 1.0 M HCl and Isolation of Their Active Ingredients. Sustainability, 2019, 11, 7174.	1.6	14

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19	The composition of the essential oil and aqueous distillate of <i>Origanum vulgare</i> L. growing in Saudi Arabia and evaluation of their antibacterial activity. <i>Arabian Journal of Chemistry</i> , 2018, 11, 1189-1200.	2.3	46
20	Green Synthesis of Hydrophobic Magnetite Nanoparticles Coated with Plant Extract and Their Application as Petroleum Oil Spill Collectors. <i>Nanomaterials</i> , 2018, 8, 855.	1.9	42
21	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.	1.6	211
22	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.	2.4	84
23	Thymol and carvacrol induce autolysis, stress, growth inhibition and reduce the biofilm formation by <i>Streptococcus mutans</i> . <i>AMB Express</i> , 2017, 7, 49.	1.4	68
24	Green Synthesis and Characterization of Palladium Nanoparticles Using <i>Origanum vulgare</i> L. Extract and Their Catalytic Activity. <i>Molecules</i> , 2017, 22, 165.	1.7	101
25	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.	1.6	20
26	Apoptosis inducing ability of silver decorated highly reduced graphene oxide nanocomposites in A549 lung cancer. <i>International Journal of Nanomedicine</i> , 2016, 11, 873.	3.3	31
27	Miswak-Based Green Synthesis of Silver Nanoparticles: Evaluation and Comparison of Their Microbicidal Activities with the Chemical Synthesis. <i>Molecules</i> , 2016, 21, 1478.	1.7	40
28	A detailed study on chemical characterization of essential oil components of two <i>Plectranthus</i> species grown in Saudi Arabia. <i>Journal of Saudi Chemical Society</i> , 2016, 20, 711-721.	2.4	33
29	A detailed study of the volatile components of <i>Plectranthus asirensis</i> of Saudi Arabian origin. <i>Natural Product Research</i> , 2016, 30, 2360-2363.	1.0	8
30	Green synthesis of Pd@graphene nanocomposite: Catalyst for the selective oxidation of alcohols. <i>Arabian Journal of Chemistry</i> , 2016, 9, 835-845.	2.3	50
31	Characterization of leaves and flowers volatile constituents of <i>Lantana camara</i> growing in central region of Saudi Arabia. <i>Arabian Journal of Chemistry</i> , 2016, 9, 764-774.	2.3	32
32	Chelation-Assisted Substrate-Controlled Asymmetric Lithiation-Allylboration of Chiral Carbamate 1,2,4-Butanetriol Acetonide. <i>Molecules</i> , 2015, 20, 9890-9905.	1.7	0
33	<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.	1.8	53
34	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.	3.1	138
35	Anticorrosive assay-guided isolation of active phytoconstituents from <i>Anthemis pseudocotula</i> extracts and a detailed study of their effects on the corrosion of mild steel in acidic media. <i>RSC Advances</i> , 2015, 5, 54283-54292.	1.7	39
36	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.	3.3	55

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37	Corrosion inhibitory action of some plant extracts on the corrosion of mild steel in acidic media. <i>Arabian Journal of Chemistry</i> , 2014, 7, 340-346.	2.3	183
38	Compositional characteristics of the essential oil of <i>Myrtus communis</i> grown in the central part of Saudi Arabia. <i>Journal of Essential Oil Research</i> , 2014, 26, 13-18.	1.3	15
39	<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.	1.7	73
40	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.	1.6	157
41	Green synthesis of silver nanoparticles mediated by <i>Pulicaria glutinosa</i> extract. <i>International Journal of Nanomedicine</i> , 2013, 8, 1507.	3.3	151
42	A cytotoxic agent from <i>Strychnos nux-vomica</i> and biological evaluation of its modified analogues. <i>Medicinal Chemistry Research</i> , 2012, 21, 2975-2980.	1.1	15
43	Determination of Chemical Constituents of Leaf and Stem Essential Oils of <i>Artemisia monosperma</i> from Central Saudi Arabia. <i>Natural Product Communications</i> , 2012, 7, 1934578X1200700.	0.2	18
44	Determination of chemical constituents of leaf and stem essential oils of <i>Artemisia monosperma</i> from central Saudi Arabia. <i>Natural Product Communications</i> , 2012, 7, 1079-82.	0.2	25
45	Benzofurans and sterol from the seeds of <i>styrax obassia</i> . <i>Chemistry of Natural Compounds</i> , 2008, 44, 435-439.	0.2	11
46	Furofuran lignans from the bark of <i>Magnolia kobus</i> . <i>Chemistry of Natural Compounds</i> , 2008, 44, 419-423.	0.2	19
47	Chemical composition of <i>Callistemon polandii</i> leaf and stem essential oils from the plains of Northern India. <i>Chemistry of Natural Compounds</i> , 2008, 44, 807-809.	0.2	3
48	Lignans from the Bark of <i>Magnolia kobus</i> . <i>Helvetica Chimica Acta</i> , 2008, 91, 2361-2366.	1.0	13
49	Antimicrobial Activity and Chemical Composition of <i>Melaleuca genistifolia</i> Leaf Essential Oil from the Northern Plains of India. <i>Natural Product Communications</i> , 2008, 3, 1934578X0800301.	0.2	1
50	Essential oil composition of <i>Murraya exotica</i> from the plains of northern India. <i>Flavour and Fragrance Journal</i> , 2006, 21, 140-142.	1.2	18
51	Essential oil composition of <i>Taxus wallichiana</i> Zucc. from the Northern Himalayan region of India. <i>Flavour and Fragrance Journal</i> , 2006, 21, 772-775.	1.2	30
52	Essential oil composition of different accessions of <i>Mentha piperita</i> L. grown on the northern plains of India. <i>Flavour and Fragrance Journal</i> , 2004, 19, 437-440.	1.2	27
53	Chemical composition of fruit and stem essential oils of <i>Lantana camara</i> from northern India. <i>Flavour and Fragrance Journal</i> , 2003, 18, 376-379.	1.2	21
54	Chemical composition of leaf and flower essential oil of <i>Lantana camara</i> from India. <i>Flavour and Fragrance Journal</i> , 2002, 17, 75-77.	1.2	41

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55	Essential oil composition of genetically diverse stocks of <i>Murraya koenigii</i> from India. <i>Flavour and Fragrance Journal</i> , 2002, 17, 144-146.	1.2	46