Merajuddin Khan

List of Publications by Year
in descending order

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	COVID-19: A Global Challenge with Old History, Epidemiology and Progress So Far. Molecules, 2021, 26, 39.	1.7	296
2	Plant-Extract-Assisted Green Synthesis of Silver Nanoparticles Using Origanum vulgare L. Extract and Their Microbicidal Activities. Sustainability, 2018, 10, 913.	1.6	211
3	Corrosion inhibitory action of some plant extracts on the corrosion of mild steel in acidic media. Arabian Journal of Chemistry, 2014, 7, 340-346.	2.3	183
4	Biogenic synthesis of palladium nanoparticles using Pulicaria glutinosa extract and their catalytic activity towards the Suzuki coupling reaction. Dalton Transactions, 2014, 43, 9026-9031.	1.6	157
5	Green synthesis of silver nanoparticles mediated by Pulicaria glutinosa extract. International Journal of Nanomedicine, 2013, 8, 1507.	3.3	151
6	Green Approach for the Effective Reduction of Graphene Oxide Using Salvadora persica L. Root (Miswak) Extract. Nanoscale Research Letters, 2015, 10, 987.	3.1	138
7	Green Synthesis and Characterization of Palladium Nanoparticles Using Origanum vulgare L. Extract and Their Catalytic Activity. Molecules, 2017, 22, 165.	1.7	101
8	Miswak mediated green synthesized palladium nanoparticles as effective catalysts for the Suzuki coupling reactions in aqueous media. Journal of Saudi Chemical Society, 2017, 21, 450-457.	2.4	84
9	Pulicaria glutinosa plant extract: a green and eco-friendly reducing agent for the preparation of highly reduced graphene oxide. RSC Advances, 2014, 4, 24119-24125.	1.7	73
10	Thymol and carvacrol induce autolysis, stress, growth inhibition and reduce the biofilm formation by Streptococcus mutans. AMB Express, 2017, 7, 49.	1.4	68
11	Antibacterial properties of silver nanoparticles synthesized using Pulicaria glutinosa plant extract as a green bioreductant. International Journal of Nanomedicine, 2014, 9, 3551.	3.3	55
12	Pulicaria glutinosa Extract: A Toolbox to Synthesize Highly Reduced Graphene Oxide-Silver Nanocomposites. International Journal of Molecular Sciences, 2015, 16, 1131-1142.	1.8	53
13	Synthesis of Au, Ag, and Auâ€“Ag Bimetallic Nanoparticles Using Pulicaria undulata Extract and Their Catalytic Activity for the Reduction of 4-Nitrophenol. Nanomaterials, 2020, 10, 1885.	1.9	52
14	Green synthesis of Pd@graphene nanocomposite: Catalyst for the selective oxidation of alcohols. Arabian Journal of Chemistry, 2016, 9, 835-845.	2.3	50
15	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
16	Essential oil composition of genetically diverse stocks ofMurraya koenigii from India. Flavour and Fragrance Journal, 2002, 17, 144-146.	1.2	46
17	The composition of the essential oil and aqueous distillate of Origanum vulgare L. growing in Saudi Arabia and evaluation of their antibacterial activity. Arabian Journal of Chemistry, 2018, 11, 1189-1200.	2.3	46
18	Pulicaria undulata Extract-Mediated Eco-Friendly Preparation of TiO₂ Nanoparticles for Photocatalytic Degradation of Methylene Blue and Methyl Orange. ACS Omega, 2022, 7, 4812-4820.	1.6	43

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19	Green Synthesis of Hydrophobic Magnetite Nanoparticles Coated with Plant Extract and Their Application as Petroleum Oil Spill Collectors. Nanomaterials, 2018, 8, 855.	1.9	42
20	Chemical composition of leaf and flower essential oil ofLantana camara from India. Flavour and Fragrance Journal, 2002, 17, 75-77.	1.2	41
21	â€œMiswakâ€•Based Green Synthesis of Silver Nanoparticles: Evaluation and Comparison of Their Microbicidal Activities with the Chemical Synthesis. Molecules, 2016, 21, 1478.	1.7	40
22	Anticorrosive assay-guided isolation of active phytoconstituents from Anthemis pseudocotula extracts and a detailed study of their effects on the corrosion of mild steel in acidic media. RSC Advances, 2015, 5, 54283-54292.	1.7	39
23	Engineered Nanomaterials in Soil: Their Impact on Soil Microbiome and Plant Health. Plants, 2022, 11, 109.	1.6	35
24	A detailed study on chemical characterization of essential oil components of two Plectranthus species grown in Saudi Arabia. Journal of Saudi Chemical Society, 2016, 20, 711-721.	2.4	33
25	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
26	Characterization of leaves and flowers volatile constituents of Lantana camara growing in central region of Saudi Arabia. Arabian Journal of Chemistry, 2016, 9, 764-774.	2.3	32
27	Apoptosis inducing ability of silver decorated highly reduced graphene oxide nanocomposites in A549 lung cancer. International Journal of Nanomedicine, 2016, 11, 873.	3.3	31
28	Essential oil composition ofTaxus wallichiana Zucc. from the Northern Himalayan region of India. Flavour and Fragrance Journal, 2006, 21, 772-775.	1.2	30
29	Green Synthesis of Silver Nanoparticles Using Juniperus procera Extract: Their Characterization, and Biological Activity. Crystals, 2022, 12, 420.	1.0	28
30	Essential oil composition of different accessions ofMenthaÃ—piperita L. grown on the northern plains of India. Flavour and Fragrance Journal, 2004, 19, 437-440.	1.2	27
31	Determination of chemical constituents of leaf and stem essential oils of Artemisia monosperma from central Saudi Arabia. Natural Product Communications, 2012, 7, 1079-82.	0.2	25
32	Chemical composition of fruit and stem essential oils ofLantana camara from northern India. Flavour and Fragrance Journal, 2003, 18, 376-379.	1.2	21
33	Plant Extract Mediated Eco-Friendly Synthesis of Pd@Graphene Nanocatalyst: An Efficient and Reusable Catalyst for the Suzuki-Miyaura Coupling. Catalysts, 2017, 7, 20.	1.6	20
34	Furofuran lignans from the bark of Magnolia kobus. Chemistry of Natural Compounds, 2008, 44, 419-423.	0.2	19
35	Essential oil composition ofMurraya exotica from the plains of northern India. Flavour and Fragrance Journal, 2006, 21, 140-142.	1.2	18
36	Determination of Chemical Constituents of Leaf and Stem Essential Oils of Artemisia monosperma from Central Saudi Arabia. Natural Product Communications, 2012, 7, 1934578X1200700.	0.2	18

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37	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
38	A cytotoxic agent from Strychnos nux-vomica and biological evaluation of its modified analogues. Medicinal Chemistry Research, 2012, 21, 2975-2980.	1.1	15
39	Compositional characteristics of the essential oil ofMyrtus communisgrown in the central part of Saudi Arabia. Journal of Essential Oil Research, 2014, 26, 13-18.	1.3	15
40	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
41	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
42	Lignans from the Bark of Magnolia kobus. Helvetica Chimica Acta, 2008, 91, 2361-2366.	1.0	13
43	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
44	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
45	Benzofurans and sterol from the seeds of styrax obassia. Chemistry of Natural Compounds, 2008, 44, 435-439.	0.2	11
46	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
47	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
48	A detailed study of the volatile components of Plectranthus asirensis of Saudi Arabian origin. Natural Product Research, 2016, 30, 2360-2363.	1.0	8
49	Screening of potential cytotoxic activities of some medicinal plants of Saudi Arabia. Saudi Journal of Biological Sciences, 2022, 29, 1801-1807.	1.8	7
50	Phytochemical analysis and bioactivity screening of three medicinal plants of Saudi Arabia. Tropical Journal of Pharmaceutical Research, 2020, 19, 371-376.	0.2	5
51	Chemical composition of Callistemon polandii leaf and stem essential oils from the plains of Northern India. Chemistry of Natural Compounds, 2008, 44, 807-809.	0.2	3
52	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
53	Antimicrobial Activity and Chemical Composition of Melaleuca genistifolia Leaf Essential Oil from the Northern Plains of India. Natural Product Communications, 2008, 3, 1934578X0800301.	0.2	1
54	Secondary Metabolites from Two Plectranthus Species. Chemistry of Natural Compounds, 2019, 55, 367-369.	0.2	1

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55	Chelation-Assisted Substrate-Controlled Asymmetric Lithiation-Allylboration of Chiral Carbamate 1,2,4-Butanetriol Acetonide. Molecules, 2015, 20, 9890-9905.	1.7	0