Kamran Tahir

List of Publications by Year in descending order

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58	2,971	117453	168136
papers	citations	34 h-index	53 g-index

58	58	58	3097
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Facile fabrication of novel Ag2S-ZnO/GO nanocomposite with its enhanced photocatalytic and biological applications. Journal of Molecular Structure, 2022, 1251, 131991.	1.8	25
2	A Coronopus didymus based eco-benign synthesis of Titanium dioxide nanoparticles (TiO2 NPs) with enhanced photocatalytic and biomedical applications. Inorganic Chemistry Communication, 2022, 137, 109179.	1.8	21
3	Uncaria rhynchophylla mediated Ag/NiO nanocomposites: A new insight for the evaluation of cytotoxicity, antibacterial and photocatalytic applications. Photodiagnosis and Photodynamic Therapy, 2022, 37, 102681.	1.3	10
4	Optimization of Platinum Nanoparticles (PtNPs) Synthesis by Acid Phosphatase Mediated Eco-Benign Combined with Photocatalytic and Bioactivity Assessments. Nanomaterials, 2022, 12, 1079.	1.9	17
5	Sustainable and green synthesis of novel acid phosphatase mediated platinum nanoparticles (ACP-PtNPs) and investigation of its in vitro antibacterial, antioxidant, hemolysis and photocatalytic activities. Journal of Environmental Chemical Engineering, 2022, 10, 107623.	3.3	15
6	Effect of light-dark conditions on inhibition of Gram positive and gram negative bacteria and dye decomposition in the presence of photocatalyst Co/ZnO nanocomposite synthesized by ammonia evaporation method. Photodiagnosis and Photodynamic Therapy, 2022, 38, 102853.	1.3	12
7	Facile fabrication of Ag nanoparticles: An advanced material for antioxidant, infectious therapy and photocatalytic applications. Inorganic Chemistry Communication, 2022, 141, 109539.	1.8	9
8	Facile synthesis of copper oxide nanoparticles (CuONPs) using green method to promote photocatalytic and biocidal applications. Journal of Molecular Liquids, 2022, 360, 119453.	2.3	19
9	One-step fabrication of surfactant mediated Pd/SiO2, A prospect toward therapeutic and photocatalytic applications. Inorganic Chemistry Communication, 2022, 142, 109692.	1.8	5
10	Photo-assisted inactivation of highly drug resistant bacteria and DPPH scavenging activities of zinc oxide graphted Pd-MCM-41 synthesized by new hydrothermal method. Photodiagnosis and Photodynamic Therapy, 2021, 33, 102162.	1.3	9
11	Biomedical response under visible-light irradiation promoted by new hydrothermally synthesized SiO2-Zn@Fe2O3 nanofibers. Photodiagnosis and Photodynamic Therapy, 2021, 34, 102275.	1.3	3
12	A Tagetes minuta based eco-benign synthesis of multifunctional Au/MgO nanocomposite with enhanced photocatalytic, antibacterial and DPPH scavenging activities. Materials Science and Engineering C, 2021, 126, 112146.	3.8	33
13	display="inline" id="d1e314" altimg="si1.svg"><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:math>-Cu@Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e322" altimg="si1.svg"><mml:msub><mml:mrow /></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:math>O	3.0	11
14	Photoinhibition and photocatalytic response of surfactant mediated Pt/ZnO nanocomposite. Photodiagnosis and Photodynamic Therapy, 2021, 35, 102458.	1.3	19
15	Phytoassisted synthesis and characterization of palladium nanoparticles (PdNPs); with enhanced antibacterial, antioxidant and hemolytic activities. Photodiagnosis and Photodynamic Therapy, 2021, 36, 102542.	1.3	27
16	Facile synthesis of silver modified zinc oxide nanocomposite: An efficient visible light active nanomaterial for bacterial inhibition and dye degradation. Photodiagnosis and Photodynamic Therapy, 2021, 36, 102619.	1.3	14
17	Biomedical and photocatalytic applications of biosynthesized silver nanoparticles: Ecotoxicology study of brilliant green dye and its mechanistic degradation pathways. Journal of Molecular Liquids, 2020, 319, 114114.	2.3	49
18	A facile fabrication of silver/copper oxide nanocomposite: An innovative entry in photocatalytic and biomedical materials. Photodiagnosis and Photodynamic Therapy, 2020, 31, 101814.	1.3	42

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19	Biogenic metal nanoparticles as a potential class of antileishmanial agents: mechanisms and molecular targets. Nanomedicine, 2020, 15, 809-828.	1.7	23
20	Greener synthesis of zinc oxide nanoparticles using Trianthema portulacastrum extract and evaluation of its photocatalytic and biological applications. Journal of Photochemistry and Photobiology B: Biology, 2019, 192, 147-157.	1.7	133
21	A new study of biomediated Pd/tiO₂: a competitive system for Escherichia coli inhibition and radical stabilization. Materials Research Express, 2019, 6, 125430.	0.8	8
22	Enhanced antimicrobial, anti-oxidant applications of green synthesized AgNPs- an acute chronic toxicity study of phenolic azo dyes & study of materials surface using X-ray photoelectron spectroscopy. Journal of Photochemistry and Photobiology B: Biology, 2018, 180, 208-217.	1.7	44
23	New natural product -an efficient antimicrobial applications of new newly synthesized pyrimidine derivatives by the electrochemical oxidation of hydroxyl phenol in the presence of 2-mercapto-6-(trifluoromethyl) pyrimidine-4-ol as nucleophile. Natural Product Research, 2018, 32, 1161-1169.	1.0	2
24	Synthesis and characterization of phytochemical fabricated zinc oxide nanoparticles with enhanced antibacterial and catalytic applications. Journal of Photochemistry and Photobiology B: Biology, 2018, 183, 349-356.	1.7	74
25	An eco-benign synthesis of AgNPs using aqueous extract of Longan fruit peel: Antiproliferative response against human breast cancer cell line MCF-7, antioxidant and photocatalytic deprivation of methylene blue. Journal of Photochemistry and Photobiology B: Biology, 2018, 183, 367-373.	1.7	73
26	Catalytic reduction of 4-nitrophenol and photo inhibition of Pseudomonas aeruginosa using gold nanoparticles as photocatalyst. Journal of Photochemistry and Photobiology B: Biology, 2017, 170, 181-187.	1.7	23
27	Visible light inactivation of E.Âcoli , Cytotoxicity and ROS determination of biochemically capped gold nanoparticles. Microbial Pathogenesis, 2017, 107, 419-424.	1.3	49
28	Antibacterial activity of biochemically capped iron oxide nanoparticles: A view towards green chemistry. Journal of Photochemistry and Photobiology B: Biology, 2017, 170, 241-246.	1.7	94
29	The effects of bacteria-nanoparticles interface on the antibacterial activity of green synthesized silver nanoparticles. Microbial Pathogenesis, 2017, 102, 133-142.	1.3	149
30	Bio-fabrication of catalytic platinum nanoparticles and their in vitro efficacy against lungs cancer cells line (A549). Journal of Photochemistry and Photobiology B: Biology, 2017, 173, 368-375.	1.7	39
31	Biomedical applications of green synthesized Nobel metal nanoparticles. Journal of Photochemistry and Photobiology B: Biology, 2017, 173, 150-164.	1.7	98
32	Facile and green synthesis of phytochemicals capped platinum nanoparticles and in vitro their superior antibacterial activity. Journal of Photochemistry and Photobiology B: Biology, 2017, 166, 246-251.	1.7	131
33	Photo catalytic applications of gold nanoparticles synthesized by green route and electrochemical degradation of phenolic Azo dyes using AuNPs/GC as modified paste electrode. Journal of Alloys and Compounds, 2017, 725, 869-876.	2.8	80
34	Synthesis of phytochemicals-stabilized gold nanoparticles and their biological activities against bacteria and Leishmania. Microbial Pathogenesis, 2017, 110, 304-312.	1.3	37
35	Preparation, characterization and an efficient photocatalytic activity of Au/TiO2 nanocomposite prepared by green deposition method. Materials Letters, 2016, 178, 56-59.	1.3	36
36	Enhanced photocatalytic and electrocatalytic applications of green synthesized silver nanoparticles. Journal of Molecular Liquids, 2016, 220, 248-257.	2.3	68

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37	Isatis tinctoria mediated synthesis of amphotericin B-bound silver nanoparticles with enhanced photoinduced antileishmanial activity: A novel green approach. Journal of Photochemistry and Photobiology B: Biology, 2016, 161, 17-24.	1.7	89
38	Amphotericin B-conjugated biogenic silver nanoparticles as an innovative strategy for fungal infections. Microbial Pathogenesis, 2016, 99, 271-281.	1.3	58
39	Antioxidant and catalytic applications of silver nanoparticles using Dimocarpus longan seed extract as a reducing and stabilizing agent. Journal of Photochemistry and Photobiology B: Biology, 2016, 164, 344-351.	1.7	76
40	Sapium sebiferum leaf extract mediated synthesis of palladium nanoparticles and in vitro investigation of their bacterial and photocatalytic activities. Journal of Photochemistry and Photobiology B: Biology, 2016, 164, 164-173.	1.7	86
41	Biodirected synthesis of palladium nanoparticles using Phoenix dactylifera leaves extract and their size dependent biomedical and catalytic applications. RSC Advances, 2016, 6, 85903-85916.	1.7	59
42	Photocatalytic and antibacterial response of biosynthesized gold nanoparticles. Journal of Photochemistry and Photobiology B: Biology, 2016, 162, 273-277.	1.7	87
43	Phytosynthesis and Antileishmanial Activity of Gold Nanoparticles by M aytenus Royleanus. Journal of Food Biochemistry, 2016, 40, 420-427.	1.2	51
44	Visible light photo catalytic inactivation of bacteria and photo degradation of methylene blue with Ag/TiO 2 nanocomposite prepared by a novel method. Journal of Photochemistry and Photobiology B: Biology, 2016, 162, 189-198.	1.7	89
45	Ultra-efficient photocatalytic deprivation of methylene blue and biological activities of biogenic silver nanoparticles. Journal of Photochemistry and Photobiology B: Biology, 2016, 159, 49-58.	1.7	67
46	Photocatalytic, antimicrobial activities of biogenic silver nanoparticles and electrochemical degradation of water soluble dyes at glassy carbon/silver modified past electrode using buffer solution. Journal of Photochemistry and Photobiology B: Biology, 2016, 156, 100-107.	1.7	41
47	Longan fruit juice mediated synthesis of uniformly dispersed spherical AuNPs: cytotoxicity against human breast cancer cell line MCF-7, antioxidant and fluorescent properties. RSC Advances, 2016, 6, 23775-23782.	1.7	40
48	Visible light-induced photodegradation of methylene blue and reduction of 4-nitrophenol to 4-aminophenol over bio-synthesized silver nanoparticles. Separation Science and Technology, 2016, 51, 1070-1078.	1.3	40
49	Enzymatic browning reduction in white cabbage, potent antibacterial and antioxidant activities of biogenic silver nanoparticles. Journal of Molecular Liquids, 2016, 215, 39-46.	2.3	69
50	Nerium oleander leaves extract mediated synthesis of gold nanoparticles and its antioxidant activity. Materials Letters, 2015, 156, 198-201.	1.3	100
51	Electrochemical oxidation of catechols in the presence of 4-mercapto-benzoic acid, to synthesis sulfanyl compounds andÂtheirÂbiological studies. Tetrahedron, 2015, 71, 1674-1678.	1.0	14
52	An efficient photo catalytic activity of green synthesized silver nanoparticles using Salvadora persica stem extract. Separation and Purification Technology, 2015, 150, 316-324.	3.9	117
53	Ionic liquids based fluorination of organic compounds using electrochemical method. Journal of Industrial and Engineering Chemistry, 2015, 31, 26-38.	2.9	23
54	Enhanced visible light photocatalytic inactivation of Escherichia coli using silver nanoparticles as photocatalyst. Journal of Photochemistry and Photobiology B: Biology, 2015, 153, 261-266.	1.7	37

#	Article	IF	Citations
55	Size dependent catalytic activities of green synthesized gold nanoparticles and electro-catalytic oxidation of catechol on gold nanoparticles modified electrode. RSC Advances, 2015, 5, 99364-99377.	1.7	108
56	Enhanced chemocatalytic reduction of aromatic nitro compounds by biosynthesized gold nanoparticles. Journal of Alloys and Compounds, 2015, 651, 322-327.	2.8	42
57	Silver and gold nanoparticles from Sargentodoxa cuneata: synthesis, characterization and antileishmanial activity. RSC Advances, 2015, 5, 73793-73806.	1.7	167
58	In vitropharmacological screening of three newly synthesised pyrimidine derivatives. Natural Product Research, 2015, 29, 933-938.	1.0	10