

Suriya Rehman

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

1,606
citations

279701

23
h-index

345118

36
g-index

71
all docs

71
docs citations

71
times ranked

1739
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation and identification of an endophytic strain of <i>Fusarium oxysporum</i> producing podophyllotoxin from <i>Juniperus recurva</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2008, 24, 1115-1121.	1.7	187
2	Prospective therapeutic potential of Tanshinone IIA: An updated overview. <i>Pharmacological Research</i> , 2021, 164, 105364.	3.1	87
3	Synthesis and Characterization of Antibacterial Activity of Spinel Chromium-Substituted Copper Ferrite Nanoparticles for Biomedical Application. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 2316-2327.	1.9	57
4	Anticandidal activity of bioinspired ZnO NPs: effect on growth, cell morphology and key virulence attributes of <i>Candida</i> species. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 912-925.	1.9	56
5	Synthesis of Mn _{0.5} Zn _{0.5} Sm _x EuxFe _{1.8} ~ ² xO ₄ Nanoparticles via the Hydrothermal Approach Induced Anti-Cancer and Anti-Bacterial Activities. <i>Nanomaterials</i> , 2019, 9, 1635.	1.9	56
6	Isolation and characterization of a novel thermophile; <i>Bacillus haynesii</i> , applied for the green synthesis of ZnO nanoparticles. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 2072-2082.	1.9	55
7	Biocompatible Tin Oxide Nanoparticles: Synthesis, Antibacterial, Anticandidal and Cytotoxic Activities. <i>ChemistrySelect</i> , 2019, 4, 4013-4017.	0.7	50
8	Evaluation of antibacterial and antifouling properties of silver-loaded GO polysulfone nanocomposite membrane against <i>Escherichia coli</i> , <i>Staphylococcus aureus</i> , and BSA protein. <i>Reactive and Functional Polymers</i> , 2019, 140, 136-147.	2.0	47
9	Using <i>Fomitopsis pinicola</i> for bioinspired synthesis of titanium dioxide and silver nanoparticles, targeting biomedical applications. <i>RSC Advances</i> , 2020, 10, 32137-32147.	1.7	46
10	Bactericidal and In Vitro Cytotoxicity of <i>Moringa oleifera</i> Seed Extract and Its Elemental Analysis Using Laser-Induced Breakdown Spectroscopy. <i>Pharmaceuticals</i> , 2020, 13, 193.	1.7	43
11	Current scenario of COVID-19 in pediatric age group and physiology of immune and thymus response. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 2567-2573.	1.8	43
12	Comparative studies and identification of camptothecin produced by an endophyte at shake flask and bioreactor. <i>Natural Product Research</i> , 2009, 23, 1050-1057.	1.0	41
13	Comparative and molecular analysis of MRSA isolates from infection sites and carrier colonization sites. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2018, 17, 7.	1.7	39
14	Anticandidal and In vitro Anti-Proliferative Activity of Sonochemically synthesized Indium Tin Oxide Nanoparticles. <i>Scientific Reports</i> , 2020, 10, 3228.	1.6	36
15	A Wild Fomes <i>fomentarius</i> for Biomediation of One Pot Synthesis of Titanium Oxide and Silver Nanoparticles for Antibacterial and Anticancer Application. <i>Biomolecules</i> , 2020, 10, 622.	1.8	34
16	Amelioration of heavy metal stress by endophytic <i>Bacillus amyloliquefaciens</i> RWL-1 in rice by regulating metabolic changes: potential for bacterial bioremediation. <i>Biochemical Journal</i> , 2019, 476, 3385-3400.	1.7	33
17	Facile preparation of antiadhesive and biocidal reverse osmosis membranes using a single coating for efficient water purification. <i>Journal of Membrane Science</i> , 2019, 591, 117299.	4.1	32
18	Facile synthesis, characterization of nano-tungsten trioxide decorated with silver nanoparticles and their antibacterial activity against water-borne gram-negative pathogens. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 851-860.	1.6	32

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19	Cisplatin delivery, anticancer and antibacterial properties of Fe/SBA-16/ZIF-8 nanocomposite. RSC Advances, 2019, 9, 42395-42408.	1.7	31
20	Synthesis and biological characterization of Mn _{0.5} Zn _{0.5} EuxDyxFe _{1.8-2x} O ₄ nanoparticles by sonochemical approach. Materials Science and Engineering C, 2020, 109, 110534.	3.8	31
21	Zeolitic imidazolate framework-8 (ZIF-8) doped TiZSM-5 and Mesoporous carbon for antibacterial characterization. Saudi Journal of Biological Sciences, 2020, 27, 1726-1736.	1.8	27
22	Syndrome resembling Kawasaki disease in COVID-19 asymptomatic children. Journal of Infection and Public Health, 2020, 13, 1830-1832.	1.9	26
23	Synthesis of Ni _{0.5} Co _{0.5-x} Cd _x Fe _{1.78Nd_{0.02}O₄} (x = 0.25) nanofibers by using electrospinning technique induce anti-cancer and anti-bacterial activities. Journal of Biomolecular Structure and Dynamics, 2020, 39, 1-8.	2.0	26
24	Synthesis and characterization of cadmium-bismuth microspheres for the catalytic and photocatalytic degradation of organic pollutants, with antibacterial, antioxidant and cytotoxicity assay. Journal of Photochemistry and Photobiology B: Biology, 2020, 202, 111723.	1.7	25
25	Potential Impact of MicroRNA-423 Gene Variability in Coronary Artery Disease. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2019, 19, 67-74.	0.6	24
26	Coronavirus diseases 2019: Current biological situation and potential therapeutic perspective. European Journal of Pharmacology, 2020, 886, 173447.	1.7	24
27	Vorinostat-loaded titanium oxide nanoparticles (anatase) induce G2/M cell cycle arrest in breast cancer cells via PALB2 upregulation. 3 Biotech, 2020, 10, 407.	1.1	21
28	Protective effect of vanillic acid in hydrogen peroxide-induced oxidative stress in D.Mel-2 cell line. Saudi Journal of Biological Sciences, 2021, 28, 1795-1800.	1.8	21
29	Molecular typing of MRSA isolates by spa and PFGE. Journal of King Saud University - Science, 2019, 31, 999-1004.	1.6	20
30	Gut microbiota metabolites in autistic children: An epigenetic perspective. Heliyon, 2021, 7, e06105.	1.4	19
31	Green synthesis of Nd substituted Co-Ni nanospinel ferrites: a structural, magnetic, and antibacterial/anticancer investigation. Journal Physics D: Applied Physics, 2022, 55, 055002.	1.3	19
32	Anti-microbial and anti-cancer activities of Mn _{0.5} Zn _{0.5} Dy _x Fe _{2-x} O ₄ (x = 0.1) nanoparticles. Artificial Cells, Nanomedicine and Biotechnology, 2021, 49, 493-499.	1.9	18
33	Immunity, Sex Hormones, and Environmental Factors as Determinants of COVID-19 Disparity in Women. Frontiers in Immunology, 2021, 12, 680845.	2.2	18
34	Molecular characterization and marker based chemotaxonomic studies of Podophyllum hexandrum Royle. Fytoterapia, 2010, 81, 243-247.	1.1	17
35	Cisplatin-functionalized three-dimensional magnetic SBA-16 for treating breast cancer cells (MCF-7). Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 3079-3086.	1.9	16
36	Effect of roasting on physicochemical and antioxidant properties of kalonji (Nigella sativa) seed flour. Journal of Food Measurement and Characterization, 2019, 13, 1364-1372.	1.6	16

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37	Incidence of MicroR-4513C/T Gene Variability in Coronary Artery Disease - A case-Control Study. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2019, 19, 1216-1223.	0.6	15
38	TAT-peptide conjugated repurposing drug against SARS-CoV-2 main protease (3CLpro): Potential therapeutic intervention to combat COVID-19. <i>Arabian Journal of Chemistry</i> , 2020, 13, 8069-8079.	2.3	14
39	Fabrication of Spinel Cobalt Ferrite (CoFe ₂ O ₄) Nanoparticles with Unique Earth Element Cerium and Neodymium for Anticandidal Activities. <i>ChemistrySelect</i> , 2019, 4, 14329-14334.	0.7	13
40	Evaluation of bioactivities of zinc oxide, cadmium sulfide and cadmium sulfide loaded zinc oxide nanostructured materials prepared by nanosecond pulsed laser. <i>Materials Science and Engineering C</i> , 2020, 116, 111156.	3.8	13
41	Role of a metastatic suppressor gene KAI1/CD82 in the diagnosis and prognosis of breast cancer. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 3391-3398.	1.8	13
42	Designing of Co _{0.5} Ni _{0.5} Ga _x Fe _{2-2x} O ₄ (0.0 ≤ x ≤ 1.0) Microspheres via Hydrothermal Approach and Their Selective Inhibition on the Growth of Cancerous and Fungal Cells. <i>Pharmaceutics</i> , 2021, 13, 962.	2.0	13
43	Protein kinases as potential anticandidal drug targets. <i>Frontiers in Bioscience - Landmark</i> , 2020, 25, 1412-1432.	3.0	12
44	Tuning pH sensitive chitosan and cisplatin over spinel ferrite/silica nanocomposite for anticancer activity in MCF-7 cell line. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 57, 101711.	1.4	11
45	Microbial Natural Products: Exploiting Microbes Against Drug-Resistant Bugs. , 2019, , 393-404.		10
46	Varied Composition and Underlying Mechanisms of Gut Microbiome in Neuroinflammation. <i>Microorganisms</i> , 2022, 10, 705.	1.6	10
47	In vitro cytotoxicity of an endophytic fungus isolated from <i>Nothapodytes foetida</i> . <i>Annals of Microbiology</i> , 2009, 59, 157-161.	1.1	8
48	Pharmaceutical disposal facilitates the mobilization of resistance determinants among microbiota of polluted environment. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 1626-1634.	1.2	8
49	Overview and Prospectus of Algal Biogenesis of Nanoparticles. , 2021, , 121-134.		8
50	Current Perspectives on Mycosynthesis of Nanoparticles and Their Biomedical application. , 2021, , 301-311.		8
51	Molecular Evaluation of MicroRNA-146 Gene Variability (rs2910164 C > G) and its Association with Increased Susceptibility to Coronary Artery Disease. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , 2021, 9, 363-372.	0.6	8
52	Natural Products and Nutrients against Different Viral Diseases: Prospects in Prevention and Treatment of SARS-CoV-2. <i>Medicina (Lithuania)</i> , 2021, 57, 169.	0.8	8
53	Therapeutic development by repurposing drugs targeting SARS-CoV-2 spike protein interactions by simulation studies. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 4560-4568.	1.8	8
54	Ultrasonic Synthesis and Biomedical Application of Mn _{0.5} Zn _{0.5} Er _x Y _x Fe _{2-2x} O ₄ Nanoparticles. <i>Biomolecules</i> , 2021, 11, 703.	1.8	7

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55	MicroRNA-224 (rs188519172 A>G) Gene Variability is Associated with a Decreased Susceptibility to Coronary Artery Disease: A Case-Control Study. <i>MicroRNA</i> (Sharjah, United Arab Emirates), 2019, 8, 198-205.	0.6	7
56	Synthesis of an Activatable Tetra-Substituted Nickel Phthalocyanines-4(3H)-quinazolinone Conjugate and Its Antibacterial Activity. <i>Advances in Pharmacological Sciences</i> , 2019, 2019, 1-10.	3.7	6
57	Prospectus and Development of Microbes Mediated Synthesis of Nanoparticles. , 2021, , 1-15.		6
58	Endophytes: The producers of important functional metabolites. <i>International Journal of Current Microbiology and Applied Sciences</i> , 2016, 5, 377-391.	0.0	5
59	In vitro Study on Effect of Some Fungicides viz., Carbendazim, Mancozeb, Conjoint Carbendazim Mancozeb and Sulphur against <i>F. oxysporum</i> . <i>Research Journal of Microbiology</i> , 2006, 1, 360-365.	0.2	5
60	10.1007/s10438-008-2013-z. <i>Time To Knit</i> , 2000, 1, .	0.1	3
61	Gastric Cancer and Viruses: A Fine Line between Friend or Foe. <i>Vaccines</i> , 2022, 10, 600.	2.1	3
62	Preparation of Nano-Apatite Grafted Glass-Fiber-Reinforced Composites for Orthodontic Application: Mechanical and In Vitro Biofilm Analysis. <i>Materials</i> , 2022, 15, 3504.	1.3	3
63	Role of Microbial Nanotechnology in Bioremediation of Heavy Metals. , 2021, , 307-319.		2
64	Toluene Bioremediation by Using Geotextile-Layered Permeable Reactive Barriers (PRBs). <i>Processes</i> , 2021, 9, 906.	1.3	2
65	Synthesis and Characterization of Novel Azole Functionalized Poly(glycidyl methacrylate)s for Antibacterial and Anticandidal Activity. <i>Current Organic Synthesis</i> , 2019, 16, 1002-1009.	0.7	2
66	Community Structure of Bacteria and Archaea Associated with Geotextile Filters in Anaerobic Bioreactor Landfills. <i>Processes</i> , 2021, 9, 1377.	1.3	1
67	Genetic Manipulation for Developing Desired Engineered Oil Crops. , 2021, , 353-366.		0
68	Synthesis of 29H,31H-phthalocyanine and chloro (29H,31H-phthalocyaninato) aluminum derivatives showed anti-cancer and anti-bacterial actions. <i>Journal of Saudi Chemical Society</i> , 2022, 26, 101436.	2.4	0