

# Suriya Rehman

## List of Publications by Year in Descending Order

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**Version:** 2024-04-10

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

69 papers	998 citations	19 h-index	28 g-index
71 ext. papers	1,272 ext. citations	4.3 avg, IF	5.01 L-index

#	Paper	IF	Citations
69	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> , <b>2022</b> , 26, 101436	4.3	
68	Green synthesis of Nd substituted Co-Ni nanospinel ferrites: a structural, magnetic, and antibacterial/anticancer investigation. <i>Journal Physics D: Applied Physics</i> , <b>2022</b> , 55, 055002	3	5
67	Nanotechnology in Drug Delivery Systems: Ways to Boost Bioavailability of Drugs <b>2022</b> , 223-236		
66	Platform Technologies Based on Virus-Like Particles (VLPs) for Infectious Diseases <b>2022</b> , 541-553		
65	Nanotechnology and Multidrug Resistance <b>2022</b> , 305-320		
64	Preparation of Nano-Apatite Grafted Glass-Fiber-Reinforced Composites for Orthodontic Application: Mechanical and In Vitro Biofilm Analysis. <i>Materials</i> , <b>2022</b> , 15, 3504	3.5	0
63	Synthesis of NiCoCdFeNdO ( $x = 0.25$ ) nanofibers by using electrospinning technique induce anti-cancer and anti-bacterial activities. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2021</b> , 39, 3186-3193	3.6	21
62	Protective effect of vanillic acid in hydrogen peroxide-induced oxidative stress in D.Mel-2 cell line. <i>Saudi Journal of Biological Sciences</i> , <b>2021</b> , 28, 1795-1800	4	7
61	Therapeutic development by repurposing drugs targeting SARS-CoV-2 spike protein interactions by simulation studies. <i>Saudi Journal of Biological Sciences</i> , <b>2021</b> , 28, 4560-4568	4	2
60	Toluene Bioremediation by Using Geotextile-Layered Permeable Reactive Barriers (PRBs). <i>Processes</i> , <b>2021</b> , 9, 906	2.9	0
59	Ultrasonic Synthesis and Biomedical Application of MnZnErYFeO Nanoparticles. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	4
58	Role of a metastatic suppressor gene KAI1/CD82 in the diagnosis and prognosis of breast cancer. <i>Saudi Journal of Biological Sciences</i> , <b>2021</b> , 28, 3391-3398	4	3
57	Designing of CoNi.GaFeO (0.0 $\leq x \leq$ 1.0) Microspheres via Hydrothermal Approach and Their Selective Inhibition on the Growth of Cancerous and Fungal Cells. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	7
56	Prospective therapeutic potential of Tanshinone IIA: An updated overview. <i>Pharmacological Research</i> , <b>2021</b> , 164, 105364	10.2	23
55	Role of Microbial Nanotechnology in Bioremediation of Heavy Metals <b>2021</b> , 307-319		1
54	Overview and Prospectus of Algal Biogenesis of Nanoparticles <b>2021</b> , 121-134		6
53	Gut microbiota metabolites in autistic children: An epigenetic perspective. <i>Heliyon</i> , <b>2021</b> , 7, e06105	3.6	13

52	Current Perspectives on Mycosynthesis of Nanoparticles and Their Biomedical application <b>2021</b> , 301-311	7
51	Anti-microbial and anti-cancer activities of MnZnDyFeO $\times$ (D.1) nanoparticles. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2021</b> , 49, 493-499	6.1 7
50	Prospectus and Development of Microbes Mediated Synthesis of Nanoparticles <b>2021</b> , 1-15	3
49	Natural Products and Nutrients against Different Viral Diseases: Prospects in Prevention and Treatment of SARS-CoV-2. <i>Medicina (Lithuania)</i> , <b>2021</b> , 57,	3.1 5
48	Community Structure of Bacteria and Archaea Associated with Geotextile Filters in Anaerobic Bioreactor Landfills. <i>Processes</i> , <b>2021</b> , 9, 1377	2.9 0
47	Immunity, Sex Hormones, and Environmental Factors as Determinants of COVID-19 Disparity in Women. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 680845	8.4 8
46	Genetic Manipulation for Developing Desired Engineered Oil Crops <b>2021</b> , 353-366	
45	Pharmaceutical disposal facilitates the mobilization of resistance determinants among microbiota of polluted environment. <i>Saudi Pharmaceutical Journal</i> , <b>2020</b> , 28, 1626-1634	4.4 7
44	Current scenario of COVID-19 in pediatric age group and physiology of immune and thymus response. <i>Saudi Journal of Biological Sciences</i> , <b>2020</b> , 27, 2567-2573	4 27
43	Zeolitic imidazolate framework-8 (ZIF-8) doped TiZSM-5 and Mesoporous carbon for antibacterial characterization. <i>Saudi Journal of Biological Sciences</i> , <b>2020</b> , 27, 1726-1736	4 15
42	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> , <b>2020</b> , 116, 111156	8.3 10
41	Anticandidal and In vitro Anti-Proliferative Activity of Sonochemically synthesized Indium Tin Oxide Nanoparticles. <i>Scientific Reports</i> , <b>2020</b> , 10, 3228	4.9 27
40	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> , <b>2020</b> , 57, 101711	4.5 5
39	Protein kinases as potential anticandidal drug targets. <i>Frontiers in Bioscience - Landmark</i> , <b>2020</b> , 25, 1412-1432	1.8 8
38	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> , <b>2020</b> , 10, 851-860	3.3 21
37	Synthesis and biological characterization of MnZnEuDyFeO nanoparticles by sonochemical approach. <i>Materials Science and Engineering C</i> , <b>2020</b> , 109, 110534	8.3 20
36	Synthesis and characterization of cadmium-bismuth microspheres for the catalytic and photocatalytic degradation of organic pollutants, with antibacterial, antioxidant and cytotoxicity assay. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2020</b> , 202, 111723	6.7 15
35	Syndrome resembling Kawasaki disease in COVID-19 asymptomatic children. <i>Journal of Infection and Public Health</i> , <b>2020</b> , 13, 1830-1832	7.4 17

34	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> , <b>2020</b> , 13, 8069-8079	5.9	8
33	Coronavirus diseases 2019: Current biological situation and potential therapeutic perspective. <i>European Journal of Pharmacology</i> , <b>2020</b> , 886, 173447	5.3	20
32	Vorinostat-loaded titanium oxide nanoparticles (anatase) induce G2/M cell cycle arrest in breast cancer cells via upregulation. <i>3 Biotech</i> , <b>2020</b> , 10, 407	2.8	9
31	Using for bioinspired synthesis of titanium dioxide and silver nanoparticles, targeting biomedical applications.. <i>RSC Advances</i> , <b>2020</b> , 10, 32137-32147	3.7	31
30	Bactericidal and In Vitro Cytotoxicity of Seed Extract and Its Elemental Analysis Using Laser-Induced Breakdown Spectroscopy. <i>Pharmaceuticals</i> , <b>2020</b> , 13,	5.2	16
29	A Wild for Biomediation of One Pot Synthesis of Titanium Oxide and Silver Nanoparticles for Antibacterial and Anticancer Application. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	18
28	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> , <b>2020</b> , 9, 363-372	2.9	6
27	Effect of roasting on physicochemical and antioxidant properties of kalonji ( <i>Nigella sativa</i> ) seed flour. <i>Journal of Food Measurement and Characterization</i> , <b>2019</b> , 13, 1364-1372	2.8	8
26	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> , <b>2019</b> , 140, 136-147	4.6	27
25	Isolation and characterization of a novel thermophile; , applied for the green synthesis of ZnO nanoparticles. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2019</b> , 47, 2072-2082	6.1	37
24	Synthesis of an Activatable Tetra-Substituted Nickel Phthalocyanines-4(3H)-quinazolinone Conjugate and Its Antibacterial Activity. <i>Advances in Pharmacological Sciences</i> , <b>2019</b> , 2019, 5964687	4.9	5
23	Biocompatible Tin Oxide Nanoparticles: Synthesis, Antibacterial, Anticandidal and Cytotoxic Activities. <i>ChemistrySelect</i> , <b>2019</b> , 4, 4013-4017	1.8	30
22	Molecular typing of MRSA isolates by spa and PFGE. <i>Journal of King Saud University - Science</i> , <b>2019</b> , 31, 999-1004	3.6	14
21	Facile preparation of antiadhesive and biocidal reverse osmosis membranes using a single coating for efficient water purification. <i>Journal of Membrane Science</i> , <b>2019</b> , 591, 117299	9.6	18
20	Cisplatin-functionalized three-dimensional magnetic SBA-16 for treating breast cancer cells (MCF-7). <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2019</b> , 47, 3079-3086	6.1	10
19	Synthesis and Characterization of Novel Azole Functionalized Poly(glycidyl methacrylate)s for Antibacterial and Anticandidal Activity. <i>Current Organic Synthesis</i> , <b>2019</b> , 16, 1002-1009	1.9	2
18	Incidence of MicroR-4513C/T Gene Variability in Coronary Artery Disease - A Case-Control Study. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , <b>2019</b> , 19, 1216-1223	2.2	9
17	MicroRNA-224 (rs188519172 A>G) Gene Variability is Associated with a Decreased Susceptibility to Coronary Artery Disease: A Case-Control Study. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , <b>2019</b> , 8, 198-205	2.9	7

16	Microbial Natural Products: Exploiting Microbes Against Drug-Resistant Bugs <b>2019</b> , 393-404		10
15	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> , <b>2019</b> , 476, 3385-3400	3.8	21
14	Fabrication of Spinel Cobalt Ferrite (CoFe <sub>2</sub> O <sub>4</sub> ) Nanoparticles with Unique Earth Element Cerium and Neodymium for Anticandidal Activities. <i>ChemistrySelect</i> , <b>2019</b> , 4, 14329-14334	1.8	6
13	Potential Impact of MicroRNA-423 Gene Variability in Coronary Artery Disease. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , <b>2019</b> , 19, 67-74	2.2	14
12	Synthesis of MnZnSmEuFeO Nanoparticles via the Hydrothermal Approach Induced Anti-Cancer and Anti-Bacterial Activities. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	44
11	Cisplatin delivery, anticancer and antibacterial properties of Fe/SBA-16/ZIF-8 nanocomposite.. <i>RSC Advances</i> , <b>2019</b> , 9, 42395-42408	3.7	19
10	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> , <b>2018</b> , 46, 912-925	6.1	38
9	Comparative and molecular analysis of MRSA isolates from infection sites and carrier colonization sites. <i>Annals of Clinical Microbiology and Antimicrobials</i> , <b>2018</b> , 17, 7	6.2	25
8	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> , <b>2018</b> , 28, 2316-2327	3.2	33
7	Endophytes: The producers of important functional metabolites. <i>International Journal of Current Microbiology and Applied Sciences</i> , <b>2016</b> , 5, 377-391	1.3	5
6	Molecular characterization and marker based chemotaxonomic studies of <i>Podophyllum hexandrum</i> Royle. <i>Phytotherapy</i> , <b>2010</b> , 81, 243-7	3.2	14
5	Comparative studies and identification of camptothecin produced by an endophyte at shake flask and bioreactor. <i>Natural Product Research</i> , <b>2009</b> , 23, 1050-7	2.3	37
4	In vitro cytotoxicity of an endophytic fungus isolated from <i>Nothapodytes foetida</i> . <i>Annals of Microbiology</i> , <b>2009</b> , 59, 157-161	3.2	7
3	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> , <b>2008</b> , 24, 1115-1121	4.4	148
2	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> , <b>2006</b> , 1, 360-365	0.1	3
1	10.1007/s10438-008-2013-z. <i>Time To Knit</i> , <b>2000</b> , 1,		3