

# Suriya Rehman

## List of Publications by Citations

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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	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
68	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
67	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
66	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
65	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
64	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
63	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
62	Biocompatible Tin Oxide Nanoparticles: Synthesis, Antibacterial, Anticandidal and Cytotoxic Activities. <i>ChemistrySelect</i> , <b>2019</b> , 4, 4013-4017	1.8	30
61	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
60	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
59	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
58	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
57	Prospective therapeutic potential of Tanshinone IIA: An updated overview. <i>Pharmacological Research</i> , <b>2021</b> , 164, 105364	10.2	23
56	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
55	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
54	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
53	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



52	Coronavirus diseases 2019: Current biological situation and potential therapeutic perspective. <i>European Journal of Pharmacology</i> , <b>2020</b> , 886, 173447	5.3	20
51	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
50	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
49	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
48	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
47	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
46	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
45	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
44	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
43	Molecular characterization and marker based chemotaxonomic studies of Podophyllum hexandrum Royle. <i>Phytotherapy Research</i> , <b>2010</b> , 81, 243-7	3.2	14
42	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
41	Gut microbiota metabolites in autistic children: An epigenetic perspective. <i>Heliyon</i> , <b>2021</b> , 7, e06105	3.6	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> , <b>2020</b> , 116, 111156	8.3	10
39	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
38	Microbial Natural Products: Exploiting Microbes Against Drug-Resistant Bugs <b>2019</b> , 393-404		10
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> , <b>2019</b> , 19, 1216-1223	2.2	9
36	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
35	Effect of roasting on physicochemical and antioxidant properties of kalonji (Nigella sativa) seed flour. <i>Journal of Food Measurement and Characterization</i> , <b>2019</b> , 13, 1364-1372	2.8	8



- 34 Protein kinases as potential anticandidal drug targets. *Frontiers in Bioscience - Landmark*, **2020**, 25, 1412-1432 8
- 33 TAT-peptide conjugated repurposing drug against SARS-CoV-2 main protease (3CLpro): Potential therapeutic intervention to combat COVID-19.. *Arabian Journal of Chemistry*, **2020**, 13, 8069-8079 5.9 8
- 32 Immunity, Sex Hormones, and Environmental Factors as Determinants of COVID-19 Disparity in Women. *Frontiers in Immunology*, **2021**, 12, 680845 8.4 8
- 31 Pharmaceutical disposal facilitates the mobilization of resistance determinants among microbiota of polluted environment. *Saudi Pharmaceutical Journal*, **2020**, 28, 1626-1634 4.4 7
- 30 In vitro cytotoxicity of an endophytic fungus isolated from *Nothapodytes foetida*. *Annals of Microbiology*, **2009**, 59, 157-161 3.2 7
- 29 MicroRNA-224 (rs188519172 A>G) Gene Variability is Associated with a Decreased Susceptibility to Coronary Artery Disease: A Case-Control Study. *MicroRNA (Sharjah, United Arab Emirates)*, **2019**, 8, 198-205 3.0 7
- 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 4 7
- 27 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. *Pharmaceutics*, **2021**, 13, 6.4 7
- 26 Current Perspectives on Mycosynthesis of Nanoparticles and Their Biomedical application **2021**, 301-311 7
- 25 Anti-microbial and anti-cancer activities of MnZnDyFeO( $x \leq$  1.1) nanoparticles. *Artificial Cells, Nanomedicine and Biotechnology*, **2021**, 49, 493-499 6.1 7
- 24 Fabrication of Spinel Cobalt Ferrite (CoFe<sub>2</sub>O<sub>4</sub>) Nanoparticles with Unique Earth Element Cerium and Neodymium for Anticandidal Activities. *ChemistrySelect*, **2019**, 4, 14329-14334 1.8 6
- 23 Overview and Prospectus of Algal Biogenesis of Nanoparticles **2021**, 121-134 6
- 22 Molecular Evaluation of MicroRNA-146 Gene Variability (rs2910164 C> G) and its Association with Increased Susceptibility to Coronary Artery Disease. *MicroRNA (Sharjah, United Arab Emirates)*, **2020**, 9, 363-372 2.9 6
- 21 Synthesis of an Activatable Tetra-Substituted Nickel Phthalocyanines-4(3H)-quinazolinone Conjugate and Its Antibacterial Activity. *Advances in Pharmacological Sciences*, **2019**, 2019, 5964687 4.9 5
- 20 Tuning pH sensitive chitosan and cisplatin over spinel ferrite/silica nanocomposite for anticancer activity in MCF-7 cell line. *Journal of Drug Delivery Science and Technology*, **2020**, 57, 101711 4.5 5
- 19 Endophytes: The producers of important functional metabolites. *International Journal of Current Microbiology and Applied Sciences*, **2016**, 5, 377-391 1.3 5
- 18 Green synthesis of Nd substituted Co-Ni nanospinel ferrites: a structural, magnetic, and antibacterial/anticancer investigation. *Journal Physics D: Applied Physics*, **2022**, 55, 055002 3 5
- 17 Natural Products and Nutrients against Different Viral Diseases: Prospects in Prevention and Treatment of SARS-CoV-2. *Medicina (Lithuania)*, **2021**, 57, 3.1 5



16	Ultrasonic Synthesis and Biomedical Application of MnZnErYFeO Nanoparticles. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	4
15	10.1007/s10438-008-2013-z. <i>Time To Knit</i> , <b>2000</b> , 1,		3
14	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
13	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
12	Prospectus and Development of Microbes Mediated Synthesis of Nanoparticles <b>2021</b> , 1-15		3
11	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
10	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
9	Role of Microbial Nanotechnology in Bioremediation of Heavy Metals <b>2021</b> , 307-319		1
8	Toluene Bioremediation by Using Geotextile-Layered Permeable Reactive Barriers (PRBs). <i>Processes</i> , <b>2021</b> , 9, 906	2.9	0
7	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
6	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
5	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	
4	Genetic Manipulation for Developing Desired Engineered Oil Crops <b>2021</b> , 353-366		
3	Nanotechnology in Drug Delivery Systems: Ways to Boost Bioavailability of Drugs <b>2022</b> , 223-236		
2	Platform Technologies Based on Virus-Like Particles (VLPs) for Infectious Diseases <b>2022</b> , 541-553		
1	Nanotechnology and Multidrug Resistance <b>2022</b> , 305-320		