

Muhammad Ovais

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.

68

papers

3,165

citations

31

h-index

56

g-index

70

ext. papers

4,092

ext. citations

5.8

avg, IF

5.77

L-index

#	Paper	IF	Citations
68	Precise nanomedicine for intelligent therapy of cancer. <i>Science China Chemistry</i> , 2018 , 61, 1503-1552	7.9	256
67	Biosynthesis of Metal Nanoparticles via Microbial Enzymes: A Mechanistic Approach. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	194
66	Green synthesis of silver nanoparticles via plant extracts: beginning a new era in cancer theranostics. <i>Nanomedicine</i> , 2016 , 11, 3157-3177	5.6	186
65	Role of plant phytochemicals and microbial enzymes in biosynthesis of metallic nanoparticles. <i>Applied Microbiology and Biotechnology</i> , 2018 , 102, 6799-6814	5.7	152
64	Biosynthesis of iron oxide (Fe ₂ O ₃) nanoparticles via aqueous extracts of <i>Sageretia thea</i> (Osbeck.) and their pharmacognostic properties. <i>Green Chemistry Letters and Reviews</i> , 2017 , 10, 186-201	4.7	138
63	Tailoring Nanomaterials for Targeting Tumor-Associated Macrophages. <i>Advanced Materials</i> , 2019 , 31, e1808303	24	135
62	Anti-cancer green bionanomaterials: present status and future prospects. <i>Green Chemistry Letters and Reviews</i> , 2017 , 10, 285-314	4.7	132
61	Flavonoids as Prospective Neuroprotectants and Their Therapeutic Propensity in Aging Associated Neurological Disorders. <i>Frontiers in Aging Neuroscience</i> , 2019 , 11, 155	5.3	115
60	<i>Sageretia thea</i> (Osbeck.) mediated synthesis of zinc oxide nanoparticles and its biological applications. <i>Nanomedicine</i> , 2017 , 12, 1767-1789	5.6	100
59	Anti-Alzheimer's Studies on β itosterol Isolated from <i>L. Frontiers in Pharmacology</i> , 2017 , 8, 697	5.6	99
58	<i>Sageretia thea</i> (Osbeck.) modulated biosynthesis of NiO nanoparticles and their in vitro pharmacognostic, antioxidant and cytotoxic potential. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 838-852	6.1	98
57	HPLC-DAD finger printing, antioxidant, cholinesterase, and β glucosidase inhibitory potentials of a novel plant <i>Olax nana</i> . <i>BMC Complementary and Alternative Medicine</i> , 2018 , 18, 1	4.7	97
56	Biomimetic synthesis of silver nanoparticles from and their potential anticancer activity against human breast cancer cells. <i>IET Nanobiotechnology</i> , 2017 , 11, 965-972	2	95
55	Physical properties, biological applications and biocompatibility studies on biosynthesized single phase cobalt oxide (Co ₃ O ₄) nanoparticles via <i>Sageretia thea</i> (Osbeck.). <i>Arabian Journal of Chemistry</i> , 2020 , 13, 606-619	5.9	94
54	Synergistic interactions of phytochemicals with antimicrobial agents: Potential strategy to counteract drug resistance. <i>Chemico-Biological Interactions</i> , 2019 , 308, 294-303	5	89
53	Current state and prospects of the phytosynthesized colloidal gold nanoparticles and their applications in cancer theranostics. <i>Applied Microbiology and Biotechnology</i> , 2017 , 101, 3551-3565	5.7	85
52	Green synthesis of silver nanoparticles using <i>Alysicarpus monilifer</i> leaf extract and its antibacterial activity against MRSA and CoNS isolates in HIV patients. <i>Journal of Interdisciplinary Nanomedicine</i> , 2017 , 2, 131-141	4	78

51	Wound healing applications of biogenic colloidal silver and gold nanoparticles: recent trends and future prospects. <i>Applied Microbiology and Biotechnology</i> , 2018 , 102, 4305-4318	5.7	75
50	Antimicrobial efficacy of drug blended biosynthesized colloidal gold nanoparticles from <i>Justicia glauca</i> against oral pathogens: A nanoantibiotic approach. <i>Microbial Pathogenesis</i> , 2017 , 113, 295-302	3.8	70
49	Multifunctional theranostic applications of biocompatible green-synthesized colloidal nanoparticles. <i>Applied Microbiology and Biotechnology</i> , 2018 , 102, 4393-4408	5.7	68
48	Designing Stimuli-Responsive Upconversion Nanoparticles that Exploit the Tumor Microenvironment. <i>Advanced Materials</i> , 2020 , 32, e2000055	24	67
47	Phyto-Therapeutic and Nanomedicinal Approaches to Cure Alzheimer's Disease: Present Status and Future Opportunities. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 284	5.3	54
46	Posttraumatic stress disorder: a serious post-earthquake complication. <i>Trends in Psychiatry and Psychotherapy</i> , 2017 , 39, 135-143	2.3	50
45	Advances in nano-delivery systems for doxorubicin: an updated insight. <i>Journal of Drug Targeting</i> , 2018 , 26, 296-310	5.4	50
44	Efficacy of green nanoparticles against cancerous and normal cell lines: a systematic review and meta-analysis. <i>IET Nanobiotechnology</i> , 2018 , 12, 377-391	2	50
43	Extraction optimization, total phenolic, flavonoid contents, HPLC-DAD analysis and diverse pharmacological evaluations of <i>Dysphania ambrosioides</i> (L.) Mosyakin & Clemants. <i>Natural Product Research</i> , 2019 , 33, 136-142	2.3	43
42	Selected hepatoprotective herbal medicines: Evidence from ethnomedicinal applications, animal models, and possible mechanism of actions. <i>Phytotherapy Research</i> , 2018 , 32, 199-215	6.7	39
41	Review on Recent Progress in Magnetic Nanoparticles: Synthesis, Characterization, and Diverse Applications. <i>Frontiers in Chemistry</i> , 2021 , 9, 629054	5	39
40	Biosynthesized colloidal silver and gold nanoparticles as emerging leishmanicidal agents: an insight. <i>Nanomedicine</i> , 2017 , 12, 2807-2819	5.6	38
39	Chemical profiling, antimicrobial and insecticidal evaluations of <i>Polygonum hydropiper</i> L. <i>BMC Complementary and Alternative Medicine</i> , 2016 , 16, 502	4.7	38
38	In vitro cholinesterase enzymes inhibitory potential and in silico molecular docking studies of biogenic metal oxides nanoparticles. <i>Inorganic and Nano-Metal Chemistry</i> , 2018 , 48, 441-448	1.2	31
37	Bioinspired synthesis of pure massicot phase lead oxide nanoparticles and assessment of their biocompatibility, cytotoxicity and in-vitro biological properties. <i>Arabian Journal of Chemistry</i> , 2020 , 13, 916-931	5.9	31
36	Stimulus-responsive gold nanotheranostic platforms for targeting the tumor microenvironment. <i>Nano Today</i> , 2018 , 22, 83-99	17.9	31
35	Docetaxel-loaded solid lipid nanoparticles: a novel drug delivery system. <i>IET Nanobiotechnology</i> , 2017 , 11, 621-629	2	29
34	Bio-guided profiling and HPLC-DAD finger printing of <i>Atriplex lasiantha</i> Boiss. <i>BMC Complementary and Alternative Medicine</i> , 2019 , 19, 4	4.7	20

33	Emerging Viral Infections in Pakistan: Issues, Concerns, and Future Prospects. <i>Health Security</i> , 2017 , 15, 268-281	2.1	16
32	Safety Assessment of Nanomaterials for Antimicrobial Applications. <i>Chemical Research in Toxicology</i> , 2020 , 33, 1082-1109	4	16
31	Nanoantibiotics: Recent Developments and Future Prospects 2019 , 158-182		13
30	Recent advances in the analysis of nanoparticle-protein coronas. <i>Nanomedicine</i> , 2020 , 15, 1037-1061	5.6	13
29	Microbes-mediated synthesis strategies of metal nanoparticles and their potential role in cancer therapeutics. <i>Seminars in Cancer Biology</i> , 2021 ,	12.7	12
28	Persicaria hydropiper (L.) Delarbre: A review on traditional uses, bioactive chemical constituents and pharmacological and toxicological activities. <i>Journal of Ethnopharmacology</i> , 2020 , 251, 112516	5	11
27	Fabrication of poly (butadiene-block-ethylene oxide) based amphiphilic polymersomes: An approach for improved oral pharmacokinetics of Sorafenib. <i>International Journal of Pharmaceutics</i> , 2018 , 542, 196-204	6.5	10
26	Genetic susceptibility to oral cancer due to combined effects of GSTT1, GSTM1 and CYP1A1 gene variants in tobacco addicted patients of Pashtun ethnicity of Khyber Pakhtunkhwa province of Pakistan. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015 , 16, 1145-50	1.7	10
25	Stable and reproducible synthesis of gold nanorods for biomedical applications: a comprehensive study. <i>IET Nanobiotechnology</i> , 2018 , 12, 182-190	2	10
24	Neuroprotective Studies on L. Essential Oils Using Transgenic Animal Models. <i>Frontiers in Pharmacology</i> , 2020 , 11, 580069	5.6	9
23	Biosynthesized metal nanoparticles as potential Alzheimer's disease therapeutics 2020 , 31-42		8
22	Current state and prospects of nano-delivery systems for sorafenib. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2018 , 67, 1105-1115	3	8
21	Graphdiyne-mediated catalytic system for wound disinfection and accelerated wound healing. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 6041-6051	7.8	8
20	Tailoring metal-organic frameworks-based nanozymes for bacterial theranostics. <i>Biomaterials</i> , 2021 , 275, 120951	15.6	8
19	A systematic review of treatment response rates in Pakistani hepatitis C virus patients; current prospects and future challenges. <i>Medicine (United States)</i> , 2016 , 95, e5327	1.8	7
18	POTENTIAL ANTIFUNGAL ACTIVITY OF DIFFERENT HONEY BRANDS FROM PAKISTAN: A QUEST FOR NATURAL REMEDY. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2017 , 14, 18-23	0.3	5
17	Current Concepts in the Diagnosis and Treatment of Schizophrenia in Later Life. <i>Current Geriatrics Reports</i> , 2015 , 4, 290-300	1.3	4
16	Biosynthesized Metallic Nanoparticles as Emerging Cancer Theranostics Agents 2019 , 229-244		4

15	Mechanisms underlying the anticancer applications of biosynthesized nanoparticles 2021 , 229-248		4
14	Safety considerations for nanoparticles in tumor treatment. <i>Nanomedicine</i> , 2018 , 13, 2373-2376	5.6	4
13	Factors Associated With Receipt of Cognitive-Behavioral Therapy or Prolonged Exposure Therapy Among Individuals With PTSD. <i>Psychiatric Services</i> , 2019 , 70, 703-713	3.3	3
12	Detection of enzyme-triggered peptide self-assembly via laser confocal Raman microscopy and circular dichroism spectroscopy in cellular environment. <i>Journal of Raman Spectroscopy</i> , 2020 , 51, 941-951 ^{2,3}		3
11	Phage capsid nanoparticles as multivalent inhibitors of viral infections. <i>Science Bulletin</i> , 2020 , 65, 2050-2052		3
10	Tailoring supramolecular short peptide nanomaterials for antibacterial applications. <i>Coordination Chemistry Reviews</i> , 2022 , 460, 214481	23.2	3
9	Metal oxide nanoparticles and plants 2020 , 123-141		2
8	Engineering carbon nanotubes for sensitive viral detection.. <i>TrAC - Trends in Analytical Chemistry</i> , 2022 , 153, 116659	14.6	2
7	The Absence of HCV RNA and NS5A Protein in Peripheral Blood Mononuclear Cells Is a Prognostic Tool for Sustained Virological Response. <i>Viral Immunology</i> , 2017 , 30, 568-575	1.7	1
6	Evaluation of Temporal Virological Responses to Interferon- α 2b plus Ribavirin among Genotype 3a Hepatitis C Virus-Infected Patients. <i>Intervirology</i> , 2017 , 60, 75-81	2.5	1
5	Modulation of Tumor Vasculature Network: Key Strategies. <i>Small Structures</i> , 2100164	8.7	1
4	Optical Characterization and Monitoring of Enzyme Catalyzed Short Chain Peptides in Cellular Environment. <i>Catalysis Letters</i> , 2020 , 150, 2400-2408	2.8	
3	Microbial enzymes-mediated biosynthesis of metal nanoparticles 2021 , 87-100		
2	Nanotechnology for cancer drug design, delivery, and theranostics applications 2021 , 1-26		
1	Mini-Review: Drug-food interactions of commonly available juices of Pakistan. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2019 , 32, 2189-2196	0.4	