

Muhammad Ovais

List of Publications by Year in Descending Order

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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	Tailoring supramolecular short peptide nanomaterials for antibacterial applications. <i>Coordination Chemistry Reviews</i> , 2022 , 460, 214481	23.2	3
67	Engineering carbon nanotubes for sensitive viral detection.. <i>TrAC - Trends in Analytical Chemistry</i> , 2022 , 153, 116659	14.6	2
66	Microbes-mediated synthesis strategies of metal nanoparticles and their potential role in cancer therapeutics. <i>Seminars in Cancer Biology</i> , 2021 ,	12.7	12
65	Review on Recent Progress in Magnetic Nanoparticles: Synthesis, Characterization, and Diverse Applications. <i>Frontiers in Chemistry</i> , 2021 , 9, 629054	5	39
64	Microbial enzymes-mediated biosynthesis of metal nanoparticles 2021 , 87-100		
63	Mechanisms underlying the anticancer applications of biosynthesized nanoparticles 2021 , 229-248		4
62	Graphdiyne-βemim-mediated catalytic system for wound disinfection and accelerated wound healing. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 6041-6051	7.8	8
61	Nanotechnology for cancer drug design, delivery, and theranostics applications 2021 , 1-26		
60	Tailoring metal-organic frameworks-based nanozymes for bacterial theranostics. <i>Biomaterials</i> , 2021 , 275, 120951	15.6	8
59	Designing Stimuli-Responsive Upconversion Nanoparticles that Exploit the Tumor Microenvironment. <i>Advanced Materials</i> , 2020 , 32, e2000055	24	67
58	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 ²³		3
57	Optical Characterization and Monitoring of Enzyme Catalyzed Short Chain Peptides in Cellular Environment. <i>Catalysis Letters</i> , 2020 , 150, 2400-2408	2.8	
56	Biosynthesized metal nanoparticles as potential Alzheimer's disease therapeutics 2020 , 31-42		8
55	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
54	Phage capsid nanoparticles as multivalent inhibitors of viral infections. <i>Science Bulletin</i> , 2020 , 65, 2050-2052		3
53	Metal oxide nanoparticles and plants 2020 , 123-141		2
52	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

51	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
50	Safety Assessment of Nanomaterials for Antimicrobial Applications. <i>Chemical Research in Toxicology</i> , 2020 , 33, 1082-1109	4	16
49	Recent advances in the analysis of nanoparticle-protein coronas. <i>Nanomedicine</i> , 2020 , 15, 1037-1061	5.6	13
48	Neuroprotective Studies on L. Essential Oils Using Transgenic Animal Models. <i>Frontiers in Pharmacology</i> , 2020 , 11, 580069	5.6	9
47	Synergistic interactions of phytochemicals with antimicrobial agents: Potential strategy to counteract drug resistance. <i>Chemico-Biological Interactions</i> , 2019 , 308, 294-303	5	89
46	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
45	Tailoring Nanomaterials for Targeting Tumor-Associated Macrophages. <i>Advanced Materials</i> , 2019 , 31, e1808303	24	135
44	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
43	Nanoantibiotics: Recent Developments and Future Prospects 2019 , 158-182		13
42	Biosynthesized Metallic Nanoparticles as Emerging Cancer Theranostics Agents 2019 , 229-244		4
41	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
40	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
39	Mini-Review: Drug-food interactions of commonly available juices of Pakistan. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2019 , 32, 2189-2196	0.4	
38	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
37	Multifunctional theranostic applications of biocompatible green-synthesized colloidal nanoparticles. <i>Applied Microbiology and Biotechnology</i> , 2018 , 102, 4393-4408	5.7	68
36	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
35	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
34	<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

33	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
32	Advances in nano-delivery systems for doxorubicin: an updated insight. <i>Journal of Drug Targeting</i> , 2018 , 26, 296-310	5.4	50
31	HPLC-DAD finger printing, antioxidant, cholinesterase, and α -glucosidase inhibitory potentials of a novel plant <i>Olax nana</i> . <i>BMC Complementary and Alternative Medicine</i> , 2018 , 18, 1	4.7	97
30	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
29	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
28	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
27	Biosynthesis of Metal Nanoparticles via Microbial Enzymes: A Mechanistic Approach. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	194
26	Precise nanomedicine for intelligent therapy of cancer. <i>Science China Chemistry</i> , 2018 , 61, 1503-1552	7.9	256
25	Safety considerations for nanoparticles in tumor treatment. <i>Nanomedicine</i> , 2018 , 13, 2373-2376	5.6	4
24	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
23	Stimulus-responsive gold nanotheranostic platforms for targeting the tumor microenvironment. <i>Nano Today</i> , 2018 , 22, 83-99	17.9	31
22	Stable and reproducible synthesis of gold nanorods for biomedical applications: a comprehensive study. <i>IET Nanobiotechnology</i> , 2018 , 12, 182-190	2	10
21	Emerging Viral Infections in Pakistan: Issues, Concerns, and Future Prospects. <i>Health Security</i> , 2017 , 15, 268-281	2.1	16
20	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
19	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
18	Anti-cancer green bionanomaterials: present status and future prospects. <i>Green Chemistry Letters and Reviews</i> , 2017 , 10, 285-314	4.7	132
17	Posttraumatic stress disorder: a serious post-earthquake complication. <i>Trends in Psychiatry and Psychotherapy</i> , 2017 , 39, 135-143	2.3	50
16	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

15	Docetaxel-loaded solid lipid nanoparticles: a novel drug delivery system. <i>IET Nanobiotechnology</i> , 2017 , 11, 621-629	2	29
14	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
13	Evaluation of Temporal Virological Responses to Interferon- α plus Ribavirin among Genotype 3a Hepatitis C Virus-Infected Patients. <i>Intervirolgy</i> , 2017 , 60, 75-81	2.5	1
12	Biosynthesized colloidal silver and gold nanoparticles as emerging leishmanicidal agents: an insight. <i>Nanomedicine</i> , 2017 , 12, 2807-2819	5.6	38
11	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
10	<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
9	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
8	Anti-Alzheimer's Studies on β -sitosterol Isolated from <i>L. Frontiers in Pharmacology</i> , 2017 , 8, 697	5.6	99
7	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
6	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
5	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
4	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
3	Current Concepts in the Diagnosis and Treatment of Schizophrenia in Later Life. <i>Current Geriatrics Reports</i> , 2015 , 4, 290-300	1.3	4
2	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
1	Modulation of Tumor Vasculature Network: Key Strategies. <i>Small Structures</i> , 2100164	8.7	1