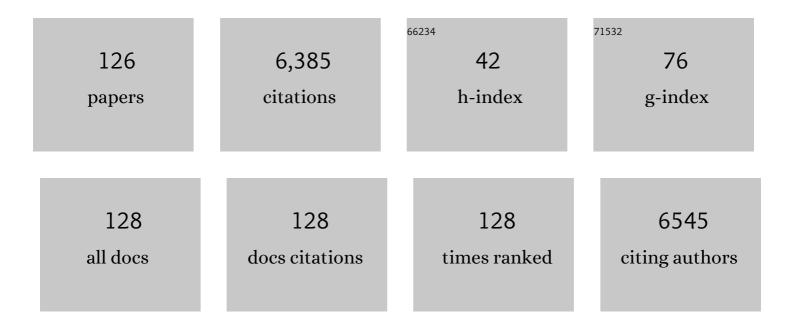
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List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Phylogenetic exploration of traditional Chinese medicinal plants: a case study on Lamiaceae (angiosperms). Pakistan Journal of Botany, 2022, 54, .	0.2	18
2	Polarity guided extraction, HPLC based phytochemical quantification, and multimode biological evaluation of Otostegia limbata (Benth.) Boiss. Arabian Journal of Chemistry, 2022, 15, 103583.	2.3	2
3	Phytochemical study and antimicrobial activities of extracts and their derived fractions obtained from Berberis vulgaris L. and Stellaria media L. leaves. Pakistan Journal of Botany, 2022, 54, .	0.2	Ο
4	Ephedra intermedia mediated synthesis of biogenic silver nanoparticles and their antimicrobial, cytotoxic and hemocompatability evaluations. Inorganic Chemistry Communication, 2022, 137, 109252.	1.8	20
5	Anticancer properties of soybean: an updated review. Journal of Cancer Prevention & Current Research, 2022, 13, 22-23.	0.1	1
6	Floral extracts-mediated green synthesis of NiO nanoparticles and their diverse pharmacological evaluations. Journal of Biomolecular Structure and Dynamics, 2021, 39, 4133-4147.	2.0	43
7	Sageretia thea mediated biosynthesis of metal oxide nanoparticles for catalytic degradation of crystal violet dye. Materials Today: Proceedings, 2021, 36, 397-400.	0.9	15
8	Molecular analyses of selected tea genotypes irradiated with gamma rays. Pakistan Journal of Botany, 2021, 53, .	0.2	0
9	Exploration of microbiome of medicinally important plants as biocontrol agents against Phytophthora parasitica. Archives of Microbiology, 2021, 203, 2475-2489.	1.0	5
10	The anti-diabetic activities of natural sweetener plant Stevia: an updated review. SN Applied Sciences, 2021, 3, 1.	1.5	17
11	Genome sequence analysis and bioactivity profiling of marine-derived actinobacteria, Brevibacterium luteolum, and Cellulosimicrobium funkei. Archives of Microbiology, 2021, 203, 2491-2500.	1.0	3
12	Emerging concerns regarding COVIDâ€19; second wave and new variant. Journal of Medical Virology, 2021, 93, 4108-4110.	2.5	16
13	Ethnobotanicals and commercial trends of herbal markets in Punjab, Pakistan. Journal of Herbal Medicine, 2021, 26, 100425.	1.0	3
14	LC–MS/MS-based profiling of bioactive metabolites of endophytic bacteria from Cannabis sativa and their anti-Phytophthora activity. Antonie Van Leeuwenhoek, 2021, 114, 1165-1179.	0.7	8
15	Tissue culture optimization for Lallementia royleana L. an important medicinal plant. Iheringia - Serie Botanica, 2021, 76, e2021009-e2021009.	0.0	0
16	Precursor effects on the physical, biological, and catalytic properties of <scp><i>Fagonia indica</i></scp> Burm.f. mediated zinc oxide nanoparticles. Microscopy Research and Technique, 2021, 84, 3087-3103.	1.2	10
17	Silver nanoparticles biosynthesized from secondary metabolite producing marine actinobacteria and evaluation of their biomedical potential. Antonie Van Leeuwenhoek, 2021, 114, 1497-1516.	0.7	12
18	Genus Viburnum: Therapeutic Potentialities and Agro-Food-Pharma Applications. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-26.	1.9	7

#	Article	IF	CITATIONS
19	Single precursor-based synthesis of transition metal sulfide nanoparticles and evaluation of their antimicrobial, antioxidant and cytotoxic potentials. Applied Nanoscience (Switzerland), 2021, 11, 2489-2502.	1.6	21
20	Biogenic nanoparticles: synthesis, mechanism, characterization and applications. , 2021, , 27-42.		4
21	Ethno medicinal and phytochemical properties of genus Allium: a review of recent advances. Pakistan Journal of Botany, 2021, 53, .	0.2	7
22	Ethnoveterinary uses of medicinal plants as herbal drugs for sustainable livestock in southern deserts of Sindh Pakistan. Pakistan Journal of Botany, 2021, 53, .	0.2	2
23	Bioinspired synthesis of pure massicot phase lead oxide nanoparticles and assessment of their biocompatibility, cytotoxicity and in-vitro biological properties. Arabian Journal of Chemistry, 2020, 13, 916-931.	2.3	74
24	Physical properties, biological applications and biocompatibility studies on biosynthesized single phase cobalt oxide (Co3O4) nanoparticles via Sageretia thea (Osbeck.). Arabian Journal of Chemistry, 2020, 13, 606-619.	2.3	138
25	Anticancer Plants: A Review of the Active Phytochemicals, Applications in Animal Models, and Regulatory Aspects. Biomolecules, 2020, 10, 47.	1.8	170
26	Green-Synthesized Silver Nanoparticles Induced Apoptotic Cell Death in MCF-7 Breast Cancer Cells by Generating Reactive Oxygen Species and Activating Caspase 3 and 9 Enzyme Activities. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-14.	1.9	87
27	Phyto-fabricated Cr ₂ O ₃ nanoparticle for multifunctional biomedical applications. Nanomedicine, 2020, 15, 1653-1669.	1.7	34
28	Core amino acid substitutions in HCV-3a isolates from Pakistan and opportunities for multi-epitopic vaccines. Journal of Biomolecular Structure and Dynamics, 2020, , 1-16.	2.0	4
29	Ethics, pandemic and environment; looking at the future of low middle income countries. International Journal for Equity in Health, 2020, 19, 182.	1.5	17
30	Bio-redox potential of Hyphaene thebaica in bio-fabrication of ultrafine maghemite phase iron oxide nanoparticles (Fe2O3 NPs) for therapeutic applications. Materials Science and Engineering C, 2020, 112, 110890.	3.8	48
31	Structural, Morphological and Biological Features of ZnO Nanoparticles Using Hyphaene thebaica (L.) Mart. Fruits. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 3241-3254.	1.9	21
32	Genetic engineering approaches to understanding drought tolerance in plants. Plant Biotechnology Reports, 2020, 14, 151-162.	0.9	32
33	DNA barcoding and molecular systematics of selected species of family Acanthaceae. Pakistan Journal of Botany, 2020, 52, .	0.2	4
34	Ethno-medicinal plants and traditional knowledge linked to primary health care among the indigenous communities living in western hilly slopes of Dera Ghazi Khan, Pakistan. Pakistan Journal of Botany, 2020, 52, .	0.2	7
35	Potential of endophytic fungus Aspergillus terreus as potent plant growth promoter. Pakistan Journal of Botany, 2020, 52, .	0.2	6
36	Indigenous knowledge based herbal medicine for Corona treatment. Pakistan Journal of Botany, 2020, 52, .	0.2	2

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#	Article	IF	CITATIONS
37	New source of resistance to stripe rust in wheat landrace PI388060 originated from Punjab, Pakistan. Pakistan Journal of Botany, 2020, 52, .	0.2	0
38	Investigation of phytochemical, anti-microbial activities of Justicia gendarussa and Justicia adhatoda. Pakistan Journal of Botany, 2020, 52, .	0.2	0
39	Prevalence of Human Immunodeficiency Virus Infection in Rural Pakistan. Iranian Journal of Public Health, 2020, 49, 2421-2422.	0.3	1
40	Role of Microbes in Plant Health, Disease Management, and Abiotic Stress Management. , 2019, , 231-250.		13
41	<i>Seripheidium quettense</i> mediated green synthesis of biogenic silver nanoparticles and their theranostic applications. Green Chemistry Letters and Reviews, 2019, 12, 310-322.	2.1	68
42	Phytochemical Analysis, Ephedra Procera C. A. Mey. Mediated Green Synthesis of Silver Nanoparticles, Their Cytotoxic and Antimicrobial Potentials. Medicina (Lithuania), 2019, 55, 369.	0.8	48
43	Berberis Plants—Drifting from Farm to Food Applications, Phytotherapy, and Phytopharmacology. Foods, 2019, 8, 522.	1.9	46
44	Green synthesis of zinc nanoparticles through plant extracts: establishing a novel era in cancer theranostics. Materials Research Express, 2019, 6, 102005.	0.8	42
45	Biosynthesis of silver nanoparticles from Hyphaene thebaica fruits and their <i>in vitro</i> pharmacognostic potential. Materials Research Express, 2019, 6, 1050c9.	0.8	39
46	Antimicrobial activities of biologically synthesized metal nanoparticles: an insight into the mechanism of action. Journal of Biological Inorganic Chemistry, 2019, 24, 929-941.	1.1	167
47	Endophyte-mediated synthesis of silver nanoparticles and their biological applications. Applied Microbiology and Biotechnology, 2019, 103, 2551-2569.	1.7	61
48	Plant beneficial endophytic bacteria: Mechanisms, diversity, host range and genetic determinants. Microbiological Research, 2019, 221, 36-49.	2.5	518
49	Physiochemical properties and novel biological applications of <scp> <i>Callistemon viminalis</i></scp> â€mediated αâ€Cr ₂ O ₃ nanoparticles. Applied Organometallic Chemistry, 2019, 33, e5041.	1.7	45
50	Chemical Constituents of Acridocarpus orientalis and Their Chemotaxonomic Significance. Chemistry of Natural Compounds, 2019, 55, 586-588.	0.2	3
51	Piper Species: A Comprehensive Review on Their Phytochemistry, Biological Activities and Applications. Molecules, 2019, 24, 1364.	1.7	259
52	Phytosynthesis of BiVO4 nanorods using Hyphaene thebaica for diverse biomedical applications. AMB Express, 2019, 9, 200.	1.4	33
53	Pigments from Soil Bacteria and Their Therapeutic Properties: A Mini Review. Current Microbiology, 2019, 76, 783-790.	1.0	32
54	Bio-guided profiling and HPLC-DAD finger printing of Atriplex lasiantha Boiss. BMC Complementary and Alternative Medicine, 2019, 19, 4.	3.7	34

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#	Article	IF	CITATIONS
55	First complete chloroplast genomics and comparative phylogenetic analysis of Commiphora gileadensis and C. foliacea: Myrrh producing trees. PLoS ONE, 2019, 14, e0208511.	1.1	31
56	Extraction optimization, total phenolic, flavonoid contents, HPLC-DAD analysis and diverse pharmacological evaluations of <i>Dysphania ambrosioides</i> (L.) Mosyakin & Clemants. Natural Product Research, 2019, 33, 136-142.	1.0	72
57	Medicinal plant diversity used for livelihood of public health in deserts and arid regions of Sindh-Pakistan. Pakistan Journal of Botany, 2019, 51, .	0.2	10
58	Phylogenetic relationships within the cosmopolitan family Rhamnaceae using ATPb gene promoter. Pakistan Journal of Botany, 2019, 51, .	0.2	4
59	Solvent polarity mediates phytochemical yield and antioxidant capacity of <i>lsatis tinctoria</i> . PeerJ, 2019, 7, e7857.	0.9	53
60	GENETIC DIFFERENTIATION IN DIFFERENT ENDEMIC BOSWELLIA SACRA (BURSERACEAE) POPULATIONS FROM OMAN. Pakistan Journal of Botany, 2019, 51, .	0.2	4
61	Genetic variability study of elite guar (Cyamopsis tetragonoloba L.) germplasm as revealed by SDS-page method. Pakistan Journal of Botany, 2019, 51, .	0.2	3
62	Biochemical screening of crude extract and its derived fractions obtained from Calligonum polygonoieds and Typha latifolia. Pakistan Journal of Botany, 2019, 51, .	0.2	1
63	Genetic structure of Pakistani oilseed Brassica cultivars revealed by morphometric and microsatellite markers. Pakistan Journal of Botany, 2019, 51, .	0.2	2
64	Diversity and DNA fingerprinting of sugarcane (Saccharum officinarum L.) genotypes using microsatellite markers. Pakistan Journal of Botany, 2019, 51, .	0.2	0
65	Ex-situ conservation and morpho-biochemical analysis of exotic cultivars of banana. Pakistan Journal of Botany, 2019, 51, .	0.2	0
66	Phytochemical profiling and pharmacological evaluation of Ifloga spicata (Forssk.) Sch. Bip. in leishmaniasis, lungs cancer and oxidative stress. Pakistan Journal of Botany, 2019, 51, .	0.2	5
67	Therapeutic applications of bacterial pigments: a review of current status and future opportunities. 3 Biotech, 2018, 8, 207.	1.1	70
68	Characterization of regulatory elements in OsRGLP2 gene promoter from different rice accessions through sequencing and in silico evaluation. Computational Biology and Chemistry, 2018, 73, 206-212.	1.1	5
69	Biosynthesis of pure hematite phase magnetic iron oxide nanoparticles using floral extracts of <i>Callistemon viminalis</i> (bottlebrush): their physical properties and novel biological applications. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 693-707.	1.9	93
70	Plant growth promoting bacteria as an alternative strategy for salt tolerance in plants: A review. Microbiological Research, 2018, 209, 21-32.	2.5	399
71	Comparative study on the antileishmanial activities of chemically and biologically synthesized silver nanoparticles (AgNPs). 3 Biotech, 2018, 8, 98.	1.1	26
72	A case of a patient infected with a hepatitis C virus genotype 3a multidrug resistant variant in Pakistan. Infectious Diseases of Poverty, 2018, 7, 11.	1.5	3

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73	Biomimetic production, characterisation, in vitro cytotoxic and anticancer assessment of aqueous extractâ€mediated AgNPs of <i>Teucrium stocksianum</i> Boiss. IET Nanobiotechnology, 2018, 12, 270-276.	1.9	5
74	Multifunctional theranostic applications of biocompatible green-synthesized colloidal nanoparticles. Applied Microbiology and Biotechnology, 2018, 102, 4393-4408.	1.7	95
75	Wound healing applications of biogenic colloidal silver and gold nanoparticles: recent trends and future prospects. Applied Microbiology and Biotechnology, 2018, 102, 4305-4318.	1.7	115
76	<i>Sageretia thea</i> (Osbeck.) modulated biosynthesis of NiO nanoparticles and their <i>in vitro</i> pharmacognostic, antioxidant and cytotoxic potential. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 838-852.	1.9	144
77	Selected hepatoprotective herbal medicines: Evidence from ethnomedicinal applications, animal models, and possible mechanism of actions. Phytotherapy Research, 2018, 32, 199-215.	2.8	77
78	Efficacy of green nanoparticles against cancerous and normal cell lines: a systematic review and metaâ€analysis. IET Nanobiotechnology, 2018, 12, 377-391.	1.9	62
79	Endogenous phytohormones of frankincense producing Boswellia sacra tree populations. PLoS ONE, 2018, 13, e0207910.	1.1	8
80	Phyto-Therapeutic and Nanomedicinal Approaches to Cure Alzheimer's Disease: Present Status and Future Opportunities. Frontiers in Aging Neuroscience, 2018, 10, 284.	1.7	99
81	Chemical profile and in-vitro pharmacological activities of yellow pigment extracted from Arthrobacter gandavensis. Process Biochemistry, 2018, 75, 74-82.	1.8	6
82	Genome of <i>Serratianematodiphila</i> MB307 offers unique insights into its diverse traits. Genome, 2018, 61, 469-476.	0.9	15
83	Molecular identification and control of endophytic contamination during in vitro plantlet development of Fagonia indica. Acta Physiologiae Plantarum, 2018, 40, 1.	1.0	12
84	HPLC-DAD finger printing, antioxidant, cholinesterase, and α-glucosidase inhibitory potentials of a novel plant Olax nana. BMC Complementary and Alternative Medicine, 2018, 18, 1.	3.7	169
85	In vitro biological screening of a critically endangered medicinal plant, Atropa acuminata Royle Ex Lindl of north western Himalaya. Scientific Reports, 2018, 8, 11028.	1.6	14
86	Role of plant phytochemicals and microbial enzymes in biosynthesis of metallic nanoparticles. Applied Microbiology and Biotechnology, 2018, 102, 6799-6814.	1.7	258
87	In vitro cholinesterase enzymes inhibitory potential and in silico molecular docking studies of biogenic metal oxides nanoparticles. Inorganic and Nano-Metal Chemistry, 2018, 48, 441-448.	0.9	53
88	An Era of CRISPR/ Cas9 Mediated Plant Genome Editing. Current Issues in Molecular Biology, 2018, 26, 47-54.	1.0	5
89	Ethical Issues Regarding CRISPR Mediated Genome Editing. Current Issues in Molecular Biology, 2018, 26, 103-110.	1.0	37
90	Traditional medicines and their <i>in-vitro</i> proof against <i>Staphylococcus aureus</i> in Pakistan. Asian Pacific Journal of Tropical Medicine, 2018, 11, 355.	0.4	4

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#	Article	IF	CITATIONS
91	Plantâ€based metallic nanoparticles as potential theranostics agents: bioinspired tool for imaging and treatment. IET Nanobiotechnology, 2018, 12, 869-878.	1.9	6
92	One New Phthalate Derivative from Nepeta kurramensis. Chemistry of Natural Compounds, 2017, 53, 426-428.	0.2	6
93	Emerging Viral Infections in Pakistan: Issues, Concerns, and Future Prospects. Health Security, 2017, 15, 268-281.	0.9	25
94	Current state and prospects of the phytosynthesized colloidal gold nanoparticles and their applications in cancer theranostics. Applied Microbiology and Biotechnology, 2017, 101, 3551-3565.	1.7	111
95	Antimicrobial efficacy of drug blended biosynthesized colloidal gold nanoparticles from Justicia glauca against oral pathogens: A nanoantibiotic approach. Microbial Pathogenesis, 2017, 113, 295-302.	1.3	92
96	Anti-cancer green bionanomaterials: present status and future prospects. Green Chemistry Letters and Reviews, 2017, 10, 285-314.	2.1	166
97	Thirty years of HIV in Pakistan: a systematic review of prevalence and current scenario. Future Virology, 2017, 12, 609-623.	0.9	4
98	Biosynthesized colloidal silver and gold nanoparticles as emerging leishmanicidal agents: an insight. Nanomedicine, 2017, 12, 2807-2819.	1.7	45
99	Green synthesis of silver nanoparticles using <scp><i>Alysicarpus monilifer</i></scp> leaf extract and its antibacterial activity against MRSA and CoNS isolates in HIV patients. Journal of Interdisciplinary Nanomedicine, 2017, 2, 131-141.	3.6	104
100	<i>Sageretia thea</i> (Osbeck.) mediated synthesis of zinc oxide nanoparticles and its biological applications. Nanomedicine, 2017, 12, 1767-1789.	1.7	133
101	Biosynthesis of iron oxide (Fe ₂ O ₃) nanoparticles via aqueous extracts of <i>Sageretia thea</i> (Osbeck.) and their pharmacognostic properties. Green Chemistry Letters and Reviews, 2017, 10, 186-201.	2.1	184
102	Plant growth-promoting potential of endophytic bacteria isolated from roots of wild Dodonaea viscosa L Plant Growth Regulation, 2017, 81, 399-408.	1.8	62
103	POTENTIAL ANTIFUNGAL ACTIVITY OF DIFFERENT HONEY BRANDS FROM PAKISTAN: A QUEST FOR NATURAL REMEDY. Tropical Journal of Obstetrics and Gynaecology, 2017, 14, 18-23.	0.3	7
104	Phytopharmacological and ethnomedicinal uses of the Genus Berberis (Berberidaceae): A review. Tropical Journal of Pharmaceutical Research, 2016, 15, 2047.	0.2	43
105	Ethnomedicines and anti-parasitic activities of Pakistani medicinal plants against Plasmodia and Leishmania parasites. Annals of Clinical Microbiology and Antimicrobials, 2016, 15, 52.	1.7	18
106	Green synthesis of silver nanoparticles via plant extracts: beginning a new era in cancer theranostics. Nanomedicine, 2016, 11, 3157-3177.	1.7	250
107	A systematic review of treatment response rates in Pakistani hepatitis C virus patients; current prospects and future challenges. Medicine (United States), 2016, 95, e5327.	0.4	8
108	Differential Effects of Thidiazuron on Production of Anticancer Phenolic Compounds in Callus Cultures of Fagonia indica. Applied Biochemistry and Biotechnology, 2016, 179, 46-58.	1.4	48

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109	Allelopathic effect of methanolic extracts of genetically modified and non-genetically modified canola on soybean. Toxicology and Industrial Health, 2016, 32, 564-575.	0.6	3
110	Comparative impact of genetically modified and non modified maize (Zea mays L.) on succeeding crop and associated weed. Toxicology and Industrial Health, 2016, 32, 614-624.	0.6	3
111	Comparative health risk surveillance of heavy metals via dietary foodstuff consumption in different land-use types of Pakistan. Human and Ecological Risk Assessment (HERA), 2016, 22, 168-186.	1.7	30
112	Physiological biosafety assessment of genetically modified canola on weed (<i>Avena sativa</i>). Toxicology and Industrial Health, 2016, 32, 558-563.	0.6	0
113	Morpho- biochemical evaluation of Brassica rapa sub-species for salt tolerance. Genetika, 2016, 48, 323-338.	0.1	15
114	A New Cyclopropyl-Triterpenoid fromOchradenus arabicus. Helvetica Chimica Acta, 2015, 98, 1240-1244.	1.0	7
115	Threats of Agricultural Bioterrorism to an Agro Dependent Economy; What Should be Done?. Journal of Bioterrorism & Biodefense, 2015, 05, .	0.1	9
116	Ethnobotany of medicinal plants among the communities of Alpine and Sub-alpine regions of Pakistan. Journal of Ethnopharmacology, 2015, 164, 186-202.	2.0	189
117	Ethnomedicinal uses of plants for the treatment of snake and scorpion bite in Northern Pakistan. Journal of Ethnopharmacology, 2015, 168, 164-181.	2.0	69
118	Enrichment, risk assessment, and statistical apportionment of heavy metals in tannery-affected areas. International Journal of Environmental Science and Technology, 2015, 12, 537-550.	1.8	79
119	Expression of HPV-16 L1 capsomeres with glutathione-S-transferase as a fusion protein in tobacco plastids: An approach for a capsomere-based HPV vaccine. Human Vaccines and Immunotherapeutics, 2014, 10, 2975-2982.	1.4	12
120	A review on ethnobotany, phytochemistry and pharmacology of plant genus C aralluma R. Br. Journal of Pharmacy and Pharmacology, 2014, 66, 1351-1368.	1.2	62
121	Ethnomedicinal and phytochemical review of Pakistani medicinal plants used as antibacterial agents against Escherichia coli. Annals of Clinical Microbiology and Antimicrobials, 2014, 13, 40.	1.7	31
122	Antibacterial activity of honey in north-west Pakistan against select human pathogens. Journal of Traditional Chinese Medicine = Chung I Tsa Chih Ying Wen Pan / Sponsored By All-China Association of Traditional Chinese Medicine, Academy of Traditional Chinese Medicine, 2014, 34, 86-89.	0.4	18
123	Natural or Deliberate Outbreak in Pakistan: How to Prevent or Detect and Trace its Origin: Biosecurity, Surveillance, Forensics. Archivum Immunologiae Et Therapiae Experimentalis, 2014, 62, 263-275.	1.0	12
124	Two new compounds from the aerial parts of Bergenia himalaica Boriss and their anti-hyperglycemic effect in streptozotocin-nicotinamide induced diabetic rats. Journal of Ethnopharmacology, 2014, 152, 561-567.	2.0	25
125	An ethnobotanical survey of indigenous medicinal plants in Wana district south Waziristan agency, Pakistan. Journal of Ethnopharmacology, 2013, 150, 918-924.	2.0	126
126	Sustainable harvest of medicinal plants at Bulashbar Nullah, Astore (Northern Pakistan). Journal of Ethnopharmacology, 2003, 84, 289-298.	2.0	153

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