

Akash Tariq

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

2,054
citations

236833

25
h-index

289141

40
g-index

78
all docs

78
docs citations

78
times ranked

2393
citing authors

#	ARTICLE	IF	CITATIONS
1	A systematic review on ethnomedicines of anti-cancer plants. <i>Phytotherapy Research</i> , 2017, 31, 202-264.	2.8	130
2	Ethnomedicine use in the war affected region of northwest Pakistan. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2014, 10, 16.	1.1	89
3	Physiological response of the three most cultivated pepper species (<i>Capsicum</i> spp.) in Africa to drought stress imposed at three stages of growth and development. <i>Scientia Horticulturae</i> , 2017, 224, 198-205.	1.7	89
4	Phosphorous Application Improves Drought Tolerance of <i>Phoebe zhennan</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 1561.	1.7	79
5	Food as medicine: A possible preventive measure against coronavirus disease (COVID-19). <i>Phytotherapy Research</i> , 2020, 34, 3124-3136.	2.8	75
6	Ethnobotanical assessment of plant resources of Banda Daud Shah, District Karak, Pakistan. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2013, 9, 77.	1.1	73
7	Phosphorous fertilization alleviates drought effects on <i>Alnus cremastogyne</i> by regulating its antioxidant and osmotic potential. <i>Scientific Reports</i> , 2018, 8, 5644.	1.6	70
8	Review on ethnomedicinal, phytochemical and pharmacological evidence of Himalayan anticancer plants. <i>Journal of Ethnopharmacology</i> , 2015, 164, 96-119.	2.0	63
9	A review on ethnobotany, phytochemistry and pharmacology of plant genus <i>C. aralluma</i> R. Br. <i>Journal of Pharmacy and Pharmacology</i> , 2014, 66, 1351-1368.	1.2	62
10	A review on antiviral activity of the Himalayan medicinal plants traditionally used to treat bronchitis and related symptoms. <i>Journal of Pharmacy and Pharmacology</i> , 2017, 69, 109-122.	1.2	59
11	Ethnoveterinary study of medicinal plants in Malakand Valley, District Dir (Lower), Khyber Pakhtunkhwa, Pakistan. <i>Irish Veterinary Journal</i> , 2014, 67, 6.	0.8	51
12	<i>Bergenia ciliata</i> : A comprehensive review of its traditional uses, phytochemistry, pharmacology and safety. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 708-721.	2.5	51
13	Past and future climatic indicators for distribution patterns and conservation planning of temperate coniferous forests in southwestern China. <i>Ecological Indicators</i> , 2019, 107, 105559.	2.6	50
14	Application of Ethnobotanical Indices on the Use of Traditional Medicines against Common Diseases. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-21.	0.5	42
15	Adsorptive Removal of Toxic Chromium from Waste-Water Using Wheat Straw and <i>Eupatorium adenophorum</i> . <i>PLoS ONE</i> , 2016, 11, e0167037.	1.1	42
16	Ethnobotany of Anti-hypertensive Plants Used in Northern Pakistan. <i>Frontiers in Pharmacology</i> , 2018, 9, 789.	1.6	40
17	Ethnomedicinal Evaluation of Medicinal Plants Used against Gastrointestinal Complaints. <i>BioMed Research International</i> , 2015, 2015, 1-14.	0.9	39
18	Impact of phosphorus application on drought resistant responses of <i>Eucalyptus grandis</i> seedlings. <i>Physiologia Plantarum</i> , 2019, 166, 894-908.	2.6	39

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19	Biochar induced modifications in soil properties and its impacts on crop growth and production. <i>Journal of Plant Nutrition</i> , 0, , 1-15.	0.9	38
20	Nitrogen application mitigates drought-induced metabolic changes in <i>Alhagi sparsifolia</i> seedlings by regulating nutrient and biomass allocation patterns. <i>Plant Physiology and Biochemistry</i> , 2020, 155, 828-841.	2.8	36
21	Use of Ethnomedicinal Plants by the People Living around Indus River. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-14.	0.5	35
22	Ethnoveterinary Study of Medicinal Plants in a Tribal Society of Sulaiman Range. <i>Scientific World Journal</i> , The, 2014, 2014, 1-10.	0.8	32
23	Ethnopharmacological Assessment of Medicinal Plants Used against Livestock Infections by the People Living around Indus River. <i>BioMed Research International</i> , 2014, 2014, 1-14.	0.9	32
24	Ethnomedicinal and phytochemical review of Pakistani medicinal plants used as antibacterial agents against <i>Escherichia coli</i> . <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2014, 13, 40.	1.7	31
25	Antibacterial activity of selected medicinal plants of northwest Pakistan traditionally used against mastitis in livestock. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 154-161.	1.8	30
26	Effects of salinity on photosynthetic traits, ion homeostasis and nitrogen metabolism in wild and cultivated soybean. <i>PeerJ</i> , 2019, 7, e8191.	0.9	30
27	Effect of Jasmonic Acid Foliar Spray on the Morpho-Physiological Mechanism of Salt Stress Tolerance in Two Soybean Varieties (<i>Glycine max</i> L.). <i>Plants</i> , 2022, 11, 651.	1.6	29
28	Ethnomedicines of Highly Utilized Plants in the Temperate Himalayan Region. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2014, 11, 132.	0.3	28
29	Botany, ethnomedicines, phytochemistry and pharmacology of Himalayan paeony (<i>Paeonia emodi</i>) Tj ETQq1 1 0.784314 rgBJ/Overlo	2.0	28
30	Ethnopharmacology and toxicology of Pakistani medicinal plants used to treat gynecological complaints and sexually transmitted infections. <i>South African Journal of Botany</i> , 2018, 114, 132-149.	1.2	26
31	The effect of phosphorus addition, soil moisture, and plant type on soil nematode abundance and community composition. <i>Journal of Soils and Sediments</i> , 2019, 19, 1139-1150.	1.5	25
32	Nitrogen and water addition regulate fungal community and microbial co-occurrence network complexity in the rhizosphere of <i>Alhagi sparsifolia</i> seedlings. <i>Applied Soil Ecology</i> , 2021, 164, 103940.	2.1	24
33	Influence of phosphorus application and water deficit on the soil microbiota of N ₂ -fixing and non-N ₂ -fixing tree. <i>Ecosphere</i> , 2018, 9, e02276.	1.0	23
34	“Fertile islands” beneath three desert vegetation on soil phosphorus fractions, enzymatic activities, and microbial biomass in the desert-oasis transition zone. <i>Catena</i> , 2022, 212, 106090.	2.2	23
35	The response of the soil microbial food web to extreme rainfall under different plant systems. <i>Scientific Reports</i> , 2016, 6, 37662.	1.6	21
36	Response of nodulation, nitrogen fixation to salt stress in a desert legume <i>Alhagi sparsifolia</i> . <i>Environmental and Experimental Botany</i> , 2021, 183, 104348.	2.0	21

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37	Soybean supplementation increases the resilience of microbial and nematode communities in soil to extreme rainfall in an agroforestry system. <i>Science of the Total Environment</i> , 2018, 626, 776-784.	3.9	20
38	Role of nitrogen supplementation in alleviating drought-associated growth and metabolic impairments in <i>Phoebe zhennan</i> seedlings. <i>Journal of Plant Nutrition and Soil Science</i> , 2019, 182, 586-596.	1.1	19
39	Allocation of foliar-P fractions of <i>Alhagi sparsifolia</i> and its relationship with soil-P fractions and soil properties in a hyperarid desert ecosystem. <i>Geoderma</i> , 2022, 407, 115546.	2.3	19
40	Ethnomedicines and anti-parasitic activities of Pakistani medicinal plants against Plasmodia and Leishmania parasites. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2016, 15, 52.	1.7	18
41	Antioxidant and Hepatoprotective Effects of Methanolic Extracts of <i>Zilla spinosa</i> and <i>Hammada elegans</i> Against Carbon Tetrachloride-induced Hepatotoxicity in Rats. <i>Open Chemistry</i> , 2018, 16, 133-140.	1.0	18
42	Influence of planting distance and density on the yield and photosynthetic traits of sweet potato (<i>Ipomoea batatas</i> L.) under an intercropping system with walnut (<i>Juglans regia</i>) saplings. <i>Soil and Tillage Research</i> , 2020, 196, 104484.	2.6	18
43	Nutritional Assessment and Antioxidant Activities of Different Varieties of <i>Vigna radiata</i> . <i>Scientific World Journal</i> , The, 2014, 2014, 1-5.	0.8	17
44	<i>Alhagi sparsifolia</i> : An ideal phreatophyte for combating desertification and land degradation. <i>Science of the Total Environment</i> , 2022, 844, 157228.	3.9	17
45	Effect of nitrogen and phosphorus application on agricultural soil food webs. <i>Archives of Agronomy and Soil Science</i> , 2017, 63, 1176-1186.	1.3	16
46	Using Halothermal Time Model to Describe Barley (<i>Hordeum vulgare</i> L.) Seed Germination Response to Water Potential and Temperature. <i>Life</i> , 2022, 12, 209.	1.1	16
47	Involvement of soluble proteins in growth and metabolic adjustments of drought-stressed <i>Calligonum mongolicum</i> seedlings under nitrogen addition. <i>Plant Biology</i> , 2021, 23, 32-43.	1.8	15
48	Bright side? The impacts of Three Gorges Reservoir on local ecological service of soil conservation in southwestern China. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	14
49	Stoichiometry of C:N:P in the Roots of <i>Alhagi sparsifolia</i> Is More Sensitive to Soil Nutrients Than Aboveground Organs. <i>Frontiers in Plant Science</i> , 2021, 12, 698961.	1.7	13
50	Energy-water and seasonal variations in climate underlie the spatial distribution patterns of gymnosperm species richness in China. <i>Ecology and Evolution</i> , 2020, 10, 9474-9485.	0.8	12
51	Effects of slag and biochar amendments on microorganisms and fractions of soil organic carbon during flooding in a paddy field after two years in southeastern China. <i>Science of the Total Environment</i> , 2022, 824, 153783.	3.9	12
52	Ethnogaecological Assessment of Medicinal Plants in Pashtun's Tribal Society. <i>BioMed Research International</i> , 2015, 2015, 1-9.	0.9	11
53	Combined effects of cropping types and simulated extreme precipitation on the community composition and diversity of soil macrofauna in the eastern Qinghai-Tibet Plateau. <i>Journal of Soils and Sediments</i> , 2018, 18, 3215-3227.	1.5	10
54	Ethnopharmacological profile of anti-arthritis plants of Asia-a systematic review. <i>Journal of Herbal Medicine</i> , 2018, 13, 8-25.	1.0	10

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55	Effects of straw mulching practices on soil nematode communities under walnut plantation. <i>Scientific Reports</i> , 2020, 10, 15351.	1.6	10
56	Herbal medicines used to treat diabetes in Southern regions of Pakistan and their pharmacological evidence. <i>Journal of Herbal Medicine</i> , 2020, 21, 100323.	1.0	9
57	Coordinated Patterns in the Allocation, Composition, and Variability of Multiple Elements Among Organs of Two Desert Shrubs Under Nitrogen Addition and Drought. <i>Journal of Soil Science and Plant Nutrition</i> , 2022, 22, 47-58.	1.7	9
58	Coupling Relationship of Leaf Economic and Hydraulic Traits of <i>Alhagisparsifolia</i> Shap. in a Hyper-Arid Desert Ecosystem. <i>Plants</i> , 2021, 10, 1867.	1.6	9
59	Differential physio-biochemical and yield responses of <i>Camelina sativa</i> L. under varying irrigation water regimes in semi-arid climatic conditions. <i>PLoS ONE</i> , 2020, 15, e0242441.	1.1	8
60	Intercropping of Leguminous and Non-Leguminous Desert Plant Species Does Not Facilitate Phosphorus Mineralization and Plant Nutrition. <i>Cells</i> , 2022, 11, 998.	1.8	8
61	Chemical Composition, Antioxidant and Anti-bacterial Potential of Essential Oil of Medicinal plant <i>Isodon rugosus</i> . <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2017, 20, 1607-1613.	0.7	7
62	Optimization of growth and production parameters of walnut (<i>Juglans regia</i>) saplings with response surface methodology. <i>Scientific Reports</i> , 2018, 8, 9992.	1.6	7
63	Light microscopy and scanning electron microscopy: Implications for authentication of misidentified herbal drugs. <i>Microscopy Research and Technique</i> , 2019, 82, 1779-1786.	1.2	7
64	Sulfur deposition changed the community structure of soil nematodes by affecting omnivores-predators. <i>Science of the Total Environment</i> , 2021, 771, 144912.	3.9	6
65	Dynamics in diversity, co-occurrence pattern, and community assembly of a perennial desert plant root-associated bacteria. <i>Rhizosphere</i> , 2022, 22, 100526.	1.4	6
66	Response of the soil macrofauna abundance and community structure to drought stress under agroforestry system in southeastern Qinghai-Tibet Plateau. <i>Archives of Agronomy and Soil Science</i> , 2020, 66, 792-804.	1.3	5
67	Does Land Use Age Influence Carbon Cycling in the Tibetan Plateau?. <i>Journal of Geophysical Research C: Biogeosciences</i> , 2020, 125, e2019JG005295.	1.3	4
68	Traditional medicines and their <i>in-vitro</i> proof against <i>Staphylococcus aureus</i> in Pakistan. <i>Asian Pacific Journal of Tropical Medicine</i> , 2018, 11, 355.	0.4	4
69	Role of <i>Glycine max</i> in improving drought tolerance in <i>Zanthoxylum bungeanum</i> . <i>PeerJ</i> , 2020, 8, e9040.	0.9	4
70	Intercropping Systems Modify Desert Plant-Associated Microbial Communities and Weaken Host Effects in a Hyper-Arid Desert. <i>Frontiers in Microbiology</i> , 2021, 12, 754453.	1.5	4
71	Palyno-morphological diversity of Asteraceous and Poaceous allergenic plant using microscopic techniques in lesser Himalaya-Pakistan. <i>Microscopy Research and Technique</i> , 2022, , .	1.2	4
72	Richness and Cover of Nontimber Economic Plants along Altitude in Temperate Himalayan Forest-Use Types. <i>Scientific World Journal</i> , The, 2014, 2014, 1-10.	0.8	3

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73	Planting Systems Affect Soil Microbial Communities and Enzymes Activities Differentially under Drought and Phosphorus Addition. <i>Plants</i> , 2022, 11, 319.	1.6	3
74	Phosphorus fertilization of <i>Phoebe zhennan</i> seedlings under drought reduces nitrogen assimilation. <i>Journal of Plant Nutrition</i> , 2022, 45, 2228-2238.	0.9	3
75	Legume plants may facilitate <i>Zanthoxylum bungeanum</i> tolerance to extreme rainfall. <i>Scientific Reports</i> , 2018, 8, 15996.	1.6	2
76	Foliar P-Fractions Allocation of <i>Karelinia caspia</i> and <i>Tamarix ramosissima</i> Are Driven by Soil and Groundwater Properties in a Hyper-Arid Desert Ecosystem. <i>Frontiers in Plant Science</i> , 2022, 13, 833869.	1.7	2
77	Review: Ethnomedicinal, phytochemical and antibacterial activities of medicinal flora of Pakistan used against <i>Pseudomonas aeruginosa</i> -A Review. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2017, 30, 2285-2300.	0.2	0