

Akash Tariq

List of Publications by Year in descending order

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77
papers

2,054
citations

236833

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289141

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docs citations

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times ranked

2393
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Planting Systems Affect Soil Microbial Communities and Enzymes Activities Differentially under Drought and Phosphorus Addition. <i>Plants</i> , 2022, 11, 319.	1.6	3
5	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
6	œFertile 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
7	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
8	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
9	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
10	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
11	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
12	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
13	<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
14	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
15	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
16	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
17	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
18	Coupling Relationship of Leaf Economic and Hydraulic Traits of <i>Alhagi sparsifolia</i> Shap. in a Hyper-Arid Desert Ecosystem. <i>Plants</i> , 2021, 10, 1867.	1.6	9

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19	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
20	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
21	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
22	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
23	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
24	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
25	Energy and 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
26	Effects of straw mulching practices on soil nematode communities under walnut plantation. <i>Scientific Reports</i> , 2020, 10, 15351.	1.6	10
27	Food as medicine: A possible preventive measure against coronavirus disease (COVID-19). <i>Phytotherapy Research</i> , 2020, 34, 3124-3136.	2.8	75
28	Does Land Use Age Influence Carbon Cycling in the Tibetan Plateau?. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2019JG005295.	1.3	4
29	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
30	Role of <i>Glycine max</i> in improving drought tolerance in <i>Zanthoxylum bungeanum</i> . <i>PeerJ</i> , 2020, 8, e9040.	0.9	4
31	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
32	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
33	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
34	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
35	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
36	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

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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	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
39	Botany, ethnomedicines, phytochemistry and pharmacology of Himalayan paeony (<i>Paeonia emodi</i>) Tj ETQq1 1 0.784314 rgBT/Overlo	2.0	28
40	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
41	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
42	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
43	<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
44	Legume plants may facilitate <i>Zanthoxylum bungeanum</i> tolerance to extreme rainfall. <i>Scientific Reports</i> , 2018, 8, 15996.	1.6	2
45	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
46	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
47	Ethnopharmacological profile of anti-arthritis plants of Asia-a systematic review. <i>Journal of Herbal Medicine</i> , 2018, 13, 8-25.	1.0	10
48	Influence of phosphorus application and water deficit on the soil microbiota of N-fixing and non-N-fixing tree. <i>Ecosphere</i> , 2018, 9, e02276.	1.0	23
49	Ethnobotany of Anti-hypertensive Plants Used in Northern Pakistan. <i>Frontiers in Pharmacology</i> , 2018, 9, 789.	1.6	40
50	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
51	A systematic review on ethnomedicines of anti-cancer plants. <i>Phytotherapy Research</i> , 2017, 31, 202-264.	2.8	130
52	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
53	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
54	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

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55	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
56	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
57	Phosphorous Application Improves Drought Tolerance of <i>Phoebe zhennan</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 1561.	1.7	79
58	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
59	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
60	Ethnomedicines and anti-parasitic activities of Pakistani medicinal plants against <i>Plasmodia</i> and <i>Leishmania</i> parasites. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2016, 15, 52.	1.7	18
61	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
62	Ethnogaecological Assessment of Medicinal Plants in Pashtunâ€™s Tribal Society. <i>BioMed Research International</i> , 2015, 2015, 1-9.	0.9	11
63	Ethnomedicinal Evaluation of Medicinal Plants Used against Gastrointestinal Complaints. <i>BioMed Research International</i> , 2015, 2015, 1-14.	0.9	39
64	Review on ethnomedicinal, phytochemical and pharmacological evidence of Himalayan anticancer plants. <i>Journal of Ethnopharmacology</i> , 2015, 164, 96-119.	2.0	63
65	Richness and Cover of Nontimber Economic Plants along Altitude in Temperate Himalayan Forest-Use Types. <i>Scientific World Journal, The</i> , 2014, 2014, 1-10.	0.8	3
66	Application of Ethnobotanical Indices on the Use of Traditional Medicines against Common Diseases. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-21.	0.5	42
67	Nutritional Assessment and Antioxidant Activities of Different Varieties of <i>Vigna radiata</i> . <i>Scientific World Journal, The</i> , 2014, 2014, 1-5.	0.8	17
68	Ethnoveterinary Study of Medicinal Plants in a Tribal Society of Sulaiman Range. <i>Scientific World Journal, The</i> , 2014, 2014, 1-10.	0.8	32
69	Ethnomedicines of Highly Utilized Plants in the Temperate Himalayan Region. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2014, 11, 132.	0.3	28
70	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
71	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
72	Ethnomedicine use in the war affected region of northwest Pakistan. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2014, 10, 16.	1.1	89

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73	A review on ethnobotany, phytochemistry and pharmacology of plant genus <i>C aralluma</i> R. Br. Journal of Pharmacy and Pharmacology, 2014, 66, 1351-1368.	1.2	62
74	Ethnomedicinal and phytochemical review of Pakistani medicinal plants used as antibacterial agents against <i>Escherichia coli</i> . Annals of Clinical Microbiology and Antimicrobials, 2014, 13, 40.	1.7	31
75	Ethnoveterinary study of medicinal plants in Malakand Valley, District Dir (Lower), Khyber Pakhtunkhwa, Pakistan. Irish Veterinary Journal, 2014, 67, 6.	0.8	51
76	Ethnobotanical assessment of plant resources of Banda Daud Shah, District Karak, Pakistan. Journal of Ethnobiology and Ethnomedicine, 2013, 9, 77.	1.1	73
77	Biochar induced modifications in soil properties and its impacts on crop growth and production. Journal of Plant Nutrition, 0, , 1-15.	0.9	38