

Ali Raza

List of Publications by Year in descending order

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Version: 2024-02-01

185
papers

7,170
citations

94381

37
h-index

79644

73
g-index

192
all docs

192
docs citations

192
times ranked

5130
citing authors

#	ARTICLE	IF	CITATIONS
1	Reactive Oxygen Species and Antioxidant Defense in Plants under Abiotic Stress: Revisiting the Crucial Role of a Universal Defense Regulator. <i>Antioxidants</i> , 2020, 9, 681.	2.2	1,288
2	Impact of Climate Change on Crops Adaptation and Strategies to Tackle Its Outcome: A Review. <i>Plants</i> , 2019, 8, 34.	1.6	901
3	Expanding the Silicon Photonics Portfolio With Silicon Nitride Photonic Integrated Circuits. <i>Journal of Lightwave Technology</i> , 2017, 35, 639-649.	2.7	232
4	Selenium in plants: Boon or bane?. <i>Environmental and Experimental Botany</i> , 2020, 178, 104170.	2.0	140
5	Metabolomics: A Way Forward for Crop Improvement. <i>Metabolites</i> , 2019, 9, 303.	1.3	139
6	Phytoremediation of Cadmium: Physiological, Biochemical, and Molecular Mechanisms. <i>Biology</i> , 2020, 9, 177.	1.3	135
7	Jasmonic acid: a key frontier in conferring abiotic stress tolerance in plants. <i>Plant Cell Reports</i> , 2021, 40, 1513-1541.	2.8	120
8	Can omics deliver temperature resilient ready-to-grow crops?. <i>Critical Reviews in Biotechnology</i> , 2021, 41, 1209-1232.	5.1	114
9	Effect of Salinity Stress on Physiological Changes in Winter and Spring Wheat. <i>Agronomy</i> , 2021, 11, 1193.	1.3	102
10	Garlic (<i>Allium sativum</i>): diet based therapy of 21st centuryâ€“a review. <i>Asian Pacific Journal of Tropical Disease</i> , 2015, 5, 271-278.	0.5	92
11	Eco-physiological and Biochemical Responses of Rapeseed (<i>Brassica napus</i> L.) to Abiotic Stresses: Consequences and Mitigation Strategies. <i>Journal of Plant Growth Regulation</i> , 2021, 40, 1368-1388.	2.8	81
12	Numerical Investigation of Load-Carrying Capacity of GFRP-Reinforced Rectangular Concrete Members Using CDP Model in ABAQUS. <i>Advances in Civil Engineering</i> , 2019, 2019, 1-21.	0.4	78
13	Nutrient use efficiency (NUE) for sustainable wheat production: a review. <i>Journal of Plant Nutrition</i> , 2020, 43, 297-315.	0.9	76
14	Metabolomics: a systems biology approach for enhancing heat stress tolerance in plants. <i>Plant Cell Reports</i> , 2022, 41, 741-763.	2.8	76
15	Catalase (CAT) Gene Family in Rapeseed (<i>Brassica napus</i> L.): Genome-Wide Analysis, Identification, and Expression Pattern in Response to Multiple Hormones and Abiotic Stress Conditions. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4281.	1.8	74
16	Designing ECG monitoring healthcare system with federated transfer learning and explainable AI. <i>Knowledge-Based Systems</i> , 2022, 236, 107763.	4.0	71
17	Silicon-induced postponement of leaf senescence is accompanied by modulation of antioxidative defense and ion homeostasis in mustard (<i>Brassica juncea</i>) seedlings exposed to salinity and drought stress. <i>Plant Physiology and Biochemistry</i> , 2020, 157, 47-59.	2.8	70
18	HD-ZIP Gene Family: Potential Roles in Improving Plant Growth and Regulating Stress-Responsive Mechanisms in Plants. <i>Genes</i> , 2021, 12, 1256.	1.0	65

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19	Exogenous salicylic acid-induced drought stress tolerance in wheat (<i>Triticum aestivum</i> L.) grown under hydroponic culture. <i>PLoS ONE</i> , 2021, 16, e0260556.	1.1	65
20	Effect of Thermal Treatment on Meat Proteins with Special Reference to Heterocyclic Aromatic Amines (HAAs). <i>Critical Reviews in Food Science and Nutrition</i> , 2015, 55, 82-93.	5.4	63
21	A manipulative interplay between positive and negative regulators of phytohormones: A way forward for improving drought tolerance in plants. <i>Physiologia Plantarum</i> , 2021, 172, 1269-1290.	2.6	61
22	Integrated Analysis of Metabolome and Transcriptome Reveals Insights for Cold Tolerance in Rapeseed (<i>Brassica napus</i> L.). <i>Frontiers in Plant Science</i> , 2021, 12, 721681.	1.7	61
23	Reliability analysis of strength models for CFRP-confined concrete cylinders. <i>Composite Structures</i> , 2020, 244, 112312.	3.1	60
24	Finite element modelling and theoretical predictions of FRP-reinforced concrete columns confined with various FRP-tubes. <i>Structures</i> , 2020, 26, 626-638.	1.7	60
25	Selenium Toxicity in Plants and Environment: Biogeochemistry and Remediation Possibilities. <i>Plants</i> , 2020, 9, 1711.	1.6	56
26	Gastrointestinal Parasites in Shelter Dogs: Occurrence, Pathology, Treatment and Risk to Shelter Workers. <i>Animals</i> , 2018, 8, 108.	1.0	55
27	Efficiency of evanescent excitation and collection of spontaneous Raman scattering near high index contrast channel waveguides. <i>Optics Express</i> , 2015, 23, 27391.	1.7	54
28	Screening of Wheat (<i>Triticum aestivum</i> L.) Genotypes for Drought Tolerance through Agronomic and Physiological Response. <i>Agronomy</i> , 2022, 12, 287.	1.3	54
29	Effect of Varying Steel Fiber Content on Strength and Permeability Characteristics of High Strength Concrete with Micro Silica. <i>Materials</i> , 2020, 13, 5739.	1.3	53
30	Evaluation of Fourteen Bread Wheat (<i>Triticum aestivum</i> L.) Genotypes by Observing Gas Exchange Parameters, Relative Water and Chlorophyll Content, and Yield Attributes under Drought Stress. <i>Sustainability</i> , 2021, 13, 4799.	1.6	53
31	Evaluation of Drought Tolerance of Some Wheat (<i>Triticum aestivum</i> L.) Genotypes through Phenology, Growth, and Physiological Indices. <i>Agronomy</i> , 2021, 11, 1792.	1.3	53
32	Effect of different fibers (steel fibers, glass fibers, and carbon fibers) on mechanical properties of reactive powder concrete. <i>Structural Concrete</i> , 2021, 22, 334-346.	1.5	52
33	Omics: The way forward to enhance abiotic stress tolerance in <i>Brassica napus</i> L. <i>GM Crops and Food</i> , 2021, 12, 251-281.	2.0	51
34	Effect of nano SiO ₂ on mechanical properties of micro-steel fibers reinforced geopolymer composites. <i>Ceramics International</i> , 2021, 47, 33444-33453.	2.3	51
35	Potential Role of Plant Growth Regulators in Administering Crucial Processes Against Abiotic Stresses. <i>Frontiers in Agronomy</i> , 2021, 3, .	1.5	50
36	Genome-Wide Analysis and Expression Profile of Superoxide Dismutase (SOD) Gene Family in Rapeseed (<i>Brassica napus</i> L.) under Different Hormones and Abiotic Stress Conditions. <i>Antioxidants</i> , 2021, 10, 1182.	2.2	47

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37	Advances in "Omics" Approaches for Improving Toxic Metals/Metalloids Tolerance in Plants. <i>Frontiers in Plant Science</i> , 2021, 12, 794373.	1.7	47
38	Analyzing the regulatory role of heat shock transcription factors in plant heat stress tolerance: a brief appraisal. <i>Molecular Biology Reports</i> , 2022, 49, 5771-5785.	1.0	47
39	Effects of in vitro exposure to ivermectin and levamisole on the expression patterns of ABC transporters in <i>Haemonchus contortus</i> larvae. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2016, 6, 103-115.	1.4	44
40	Concentrically loaded recycled aggregate geopolymer concrete columns reinforced with GFRP bars and spirals. <i>Composite Structures</i> , 2021, 268, 113968.	3.1	44
41	Brassinosteroids: Molecular and physiological responses in plant growth and abiotic stresses. <i>Plant Stress</i> , 2021, 2, 100029.	2.7	43
42	Anthelmintic resistance and novel control options in equine gastrointestinal nematodes. <i>Parasitology</i> , 2019, 146, 425-437.	0.7	40
43	Influence of Glass Fibers on Mechanical Properties of Concrete with Recycled Coarse Aggregates. <i>Civil Engineering Journal (Iran)</i> , 2019, 5, 1007-1019.	1.2	38
44	Study on the mechanism of exogenous serotonin improving cold tolerance of rapeseed (<i>Brassica</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.8	37
45	Plant Adaptation and Tolerance to Environmental Stresses: Mechanisms and Perspectives. , 2020, , 117-145.		37
46	High index contrast photonic platforms for on-chip Raman spectroscopy. <i>Optics Express</i> , 2019, 27, 23067.	1.7	37
47	Investigation of HFRC columns reinforced with GFRP bars and spirals under concentric and eccentric loadings. <i>Engineering Structures</i> , 2021, 227, 111461.	2.6	36
48	Hypoxia and Anoxia Stress: Plant responses and tolerance mechanisms. <i>Journal of Agronomy and Crop Science</i> , 2021, 207, 249-284.	1.7	36
49	ALD assisted nanoplasmonic slot waveguide for on-chip enhanced Raman spectroscopy. <i>APL Photonics</i> , 2018, 3, .	3.0	35
50	Silicon Nitride Background in Nanophotonic Waveguide Enhanced Raman Spectroscopy. <i>Materials</i> , 2017, 10, 140.	1.3	34
51	Prediction of Axial Compressive Strength for FRP-Confined Concrete Compression Members. <i>KSCE Journal of Civil Engineering</i> , 2020, 24, 2099-2109.	0.9	34
52	Integrated analysis of transcriptomics and proteomics provides insights into the molecular regulation of cold response in <i>Brassica napus</i> . <i>Environmental and Experimental Botany</i> , 2021, 187, 104480.	2.0	34
53	Sustainable FRP-Confined Symmetric Concrete Structures: An Application Experimental and Numerical Validation Process for Reference Data. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 333.	1.3	33
54	Stimulated Raman spectroscopy of analytes evanescently probed by a silicon nitride photonic integrated waveguide. <i>Optics Letters</i> , 2018, 43, 1403.	1.7	32

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55	Enhancing the Hardened Properties of Recycled Concrete (RC) through Synergistic Incorporation of Fiber Reinforcement and Silica Fume. <i>Materials</i> , 2020, 13, 4112.	1.3	32
56	Targeting Plant Hormones to Develop Abiotic Stress Resistance in Wheat. , 2019, , 557-577.		31
57	Prediction of axial load-carrying capacity of GFRP-reinforced concrete columns through artificial neural networks. <i>Structures</i> , 2020, 28, 1557-1571.	1.7	31
58	Structural performance of FRP-RC compression members wrapped with FRP composites. <i>Structures</i> , 2020, 27, 1693-1709.	1.7	31
59	Axial compressive behavior of damaged steel and GFRP bars reinforced concrete columns retrofitted with CFRP laminates. <i>Composite Structures</i> , 2021, 258, 113206.	3.1	31
60	Efficiency of GFRP bars and hoops in recycled aggregate concrete columns: Experimental and numerical study. <i>Composite Structures</i> , 2021, 255, 112986.	3.1	31
61	Effects of third generation P-glycoprotein inhibitors on the sensitivity of drug-resistant and -susceptible isolates of <i>Haemonchus contortus</i> to anthelmintics in vitro. <i>Veterinary Parasitology</i> , 2015, 211, 80-88.	0.7	30
62	Single mode waveguide platform for spontaneous and surface-enhanced on-chip Raman spectroscopy. <i>Interface Focus</i> , 2016, 6, 20160015.	1.5	30
63	Impact of fundamental thermodynamic fluctuations on light propagating in photonic waveguides made of amorphous materials. <i>Optica</i> , 2018, 5, 328.	4.8	30
64	Experimental investigation of eco-friendly high strength fiber-reinforced concrete developed with combined incorporation of tyre-steel fiber and fly ash. <i>Construction and Building Materials</i> , 2022, 314, 125626.	3.2	28
65	Artificial Neural Network (ANN) and Finite Element (FEM) Models for GFRP-Reinforced Concrete Columns under Axial Compression. <i>Materials</i> , 2021, 14, 7172.	1.3	28
66	Iron Oxide and Silicon Nanoparticles Modulate Mineral Nutrient Homeostasis and Metabolism in Cadmium-Stressed <i>Phaseolus vulgaris</i> . <i>Frontiers in Plant Science</i> , 2022, 13, 806781.	1.7	28
67	Larval development assays reveal the presence of sub-populations showing high- and low-level resistance in a monepantel (Zolvix®)-resistant isolate of <i>Haemonchus contortus</i> . <i>Veterinary Parasitology</i> , 2016, 220, 77-82.	0.7	27
68	Potassium and melatonin-mediated regulation of fructose-1,6-bisphosphatase (FBPase) and sedoheptulose-1,7- bisphosphatase (SBPase) activity improve photosynthetic efficiency, carbon assimilation and modulate glyoxalase system accompanying tolerance to cadmium stress in tomato seedlings. <i>Plant Physiology and Biochemistry</i> , 2022, 171, 49-65.	2.8	27
69	Experimental and numerical behavior of hybrid-fiber-reinforced concrete compression members under concentric loading. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	26
70	Effect of Water Stress on Grain Yield and Physiological Characters of Quinoa Genotypes. <i>Agronomy</i> , 2021, 11, 1934.	1.3	26
71	Genetische Diversitätsanalyse von Brassica-Arten unter Verwendung von PCR-basierten SSR-Markern. <i>Gesunde Pflanzen</i> , 2019, 71, 1-7.	1.7	25
72	Genome-Wide Characterization of Glutathione Peroxidase (GPX) Gene Family in Rapeseed (<i>Brassica</i>) Tj ETQq0 0 0 rgBT /Overlock 10 TF 5 2021, 10, 1481.	2.2	25

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73	Mechanical, Fracture, and Microstructural Assessment of Carbon-Fiber-Reinforced Geopolymer Composites Containing Na ₂ O. <i>Polymers</i> , 2021, 13, 3852.	2.0	25
74	Mechanical Properties of Hybrid Steel-Glass Fiber-Reinforced Reactive Powder Concrete After Exposure to Elevated Temperatures. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 4285-4300.	1.7	24
75	Gene regulation in halophytes in conferring salt tolerance. , 2021, , 341-370.		24
76	Mechanistic Insights Into Trehalose-Mediated Cold Stress Tolerance in Rapeseed (<i>Brassica napus</i> L.) Seedlings. <i>Frontiers in Plant Science</i> , 2022, 13, 857980.	1.7	24
77	Mechanical, durability and economic performance of concrete incorporating fly ash and recycled aggregates. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	23
78	Experimental study of the mechanical properties and microstructure of geopolymer paste containing nano-silica from agricultural waste and crystalline admixtures. <i>Case Studies in Construction Materials</i> , 2022, 16, e00792.	0.8	23
79	Waveguide excitation and collection of surface-enhanced Raman scattering from a single plasmonic antenna. <i>Nanophotonics</i> , 2018, 7, 1299-1306.	2.9	22
80	Foliar Application of CeO ₂ Nanoparticles Alters Generative Components Fitness and Seed Productivity in Bean Crop (<i>Phaseolus vulgaris</i> L.). <i>Nanomaterials</i> , 2021, 11, 862.	1.9	22
81	Effect of sulfate activation of fly ash on mechanical and durability properties of recycled aggregate concrete. <i>Construction and Building Materials</i> , 2021, 277, 122329.	3.2	21
82	Comparison of Free-Space and Waveguide-Based SERS Platforms. <i>Nanomaterials</i> , 2019, 9, 1401.	1.9	20
83	Nanobionics in Crop Production: An Emerging Approach to Modulate Plant Functionalities. <i>Plants</i> , 2022, 11, 692.	1.6	20
84	Antioxidant Defense Systems and Remediation of Metal Toxicity in Plants. , 2021, , 91-124.		18
85	Utilization of Polymer Concrete Composites for a Circular Economy: A Comparative Review for Assessment of Recycling and Waste Utilization. <i>Polymers</i> , 2021, 13, 2135.	2.0	18
86	Leaf Proteome Response to Drought Stress and Antioxidant Potential in Tomato (<i>Solanum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Tc	1.0	18
87	Experimental investigation on the mechanical and fracture evaluation of carbon Fiber-Reinforced cementitious composites with Nano-Calcium carbonate. <i>Construction and Building Materials</i> , 2021, 308, 125095.	3.2	18
88	Structural evaluation of recycled aggregate concrete circular columns having FRP rebars and synthetic fibers. <i>Engineering Structures</i> , 2022, 250, 113392.	2.6	18
89	Experimental and theoretical study of GFRP hoops and spirals in hybrid fiber reinforced concrete short columns. <i>Materials and Structures/Materiaux Et Constructions</i> , 2020, 53, 1.	1.3	17
90	Soluble Starch Synthase Enzymes in Cereals: An Updated Review. <i>Agronomy</i> , 2021, 11, 1983.	1.3	17

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91	Multiplex volatile organic compound Raman sensing with nanophotonic slot waveguides functionalized with a mesoporous enrichment layer. <i>Optics Letters</i> , 2020, 45, 447.	1.7	17
92	Role of innate immunity in pathophysiology of classical swine fever virus infection. <i>Microbial Pathogenesis</i> , 2018, 119, 248-254.	1.3	16
93	Genetic engineering of plants to tolerate toxic metals and metalloids. , 2021, , 411-436.		16
94	Nitrogen Fixation of Legumes: Biology and Physiology. , 2020, , 43-74.		16
95	Genome-wide analysis of potassium transport genes in <i>Gossypium raimondii</i> suggest a role of GrHAK/KUP/KT8, GrAKT2.1 and GrAKT1.1 in response to abiotic stress. <i>Plant Physiology and Biochemistry</i> , 2022, 170, 110-122.	2.8	16
96	A scientometric review on mechanical and durability performance of geopolymer Paste: Effect of various raw materials. <i>Construction and Building Materials</i> , 2022, 345, 128297.	3.2	16
97	SERS Detection via Individual Bowtie Nanoantennas Integrated in Si ₃ N ₄ Waveguides. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2019, 25, 1-6.	1.9	15
98	Structural Behavior of GFRP-Reinforced Circular HFRCC Columns Under Concentric and Eccentric Loading. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 4239-4252.	1.7	15
99	Data-driven analysis of concrete-filled steel-tube CFRP-confined NSC columns. <i>Mechanics of Advanced Materials and Structures</i> , 2022, 29, 5667-5688.	1.5	15
100	Structural assessment of eccentrically loaded GFRP reinforced circular concrete columns: Experiments and finite element analysis. <i>Composite Structures</i> , 2021, 275, 114528.	3.1	15
101	Two-Component System Genes in <i>Sorghum bicolor</i> : Genome-Wide Identification and Expression Profiling in Response to Environmental Stresses. <i>Frontiers in Genetics</i> , 2021, 12, 794305.	1.1	15
102	On the Structural Performance of Recycled Aggregate Concrete Columns with Glass Fiber-Reinforced Composite Bars and Hoops. <i>Polymers</i> , 2021, 13, 1508.	2.0	14
103	Phytoremediation of nickel by quinoa: Morphological and physiological response. <i>PLoS ONE</i> , 2022, 17, e0262309.	1.1	14
104	Performance evaluation of concrete developed using various types of wastewater: A step towards sustainability. <i>Construction and Building Materials</i> , 2020, 262, 120608.	3.2	13
105	Heterologous expression of Arabidopsis thaliana rty gene in strawberry (<i>Fragaria × ananassa</i> Duch.) improves drought tolerance. <i>BMC Plant Biology</i> , 2021, 21, 57.	1.6	13
106	Genome-wide analysis and expression patterns of lipid phospholipid phospholipase gene family in <i>Brassica napus</i> L. <i>BMC Genomics</i> , 2021, 22, 548.	1.2	13
107	Low leaf sodium content improves the grain yield and physiological performance of wheat genotypes in saline-sodic soil. <i>Pesquisa Agropecuária Tropical</i> , 0, 51, .	1.0	13
108	Mechanical performance, water and chloride permeability of hybrid steel-polypropylene fiber-reinforced recycled aggregate concrete. <i>Case Studies in Construction Materials</i> , 2022, 16, e00831.	0.8	13

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109	In Silico Characterization and Expression Profiles of Heat Shock Transcription Factors (HSFs) in Maize (<i>Zea mays</i> L.). <i>Agronomy</i> , 2021, 11, 2335.	1.3	13
110	Comprehensive In Silico Characterization and Expression Profiling of TCP Gene Family in Rapeseed. <i>Frontiers in Genetics</i> , 2021, 12, 794297.	1.1	13
111	Plasma-Enhanced Atomic Layer Deposition of Nanostructured Gold Near Room Temperature. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 37229-37238.	4.0	12
112	A modified protocol for rapid DNA isolation from cotton (<i>Gossypium</i> spp.). <i>MethodsX</i> , 2019, 6, 259-264.	0.7	12
113	Applications of Molecular Markers to Develop Resistance Against Abiotic Stresses in Wheat. , 2019, , 393-420.		12
114	The Plant Family Brassicaceae: Introduction, Biology, And Importance. , 2020, , 1-43.		12
115	Weeds Spectrum, Productivity and Land-Use Efficiency in Maize-Gram Intercropping Systems under Semi-Arid Environment. <i>Agronomy</i> , 2021, 11, 1615.	1.3	12
116	Rapid repair of partially damaged GFRP-reinforced recycled aggregate concrete columns using FRP composites. <i>Mechanics of Advanced Materials and Structures</i> , 2022, 29, 6070-6086.	1.5	12
117	Synergy of production of value-added bioplastic, astaxanthin and phycobilin co-products and Direct Green 6 textile dye remediation in <i>Spirulina platensis</i> . <i>Chemosphere</i> , 2021, 280, 130920.	4.2	12
118	Yield Stability and Genotype Environment Interaction of Water Deficit Stress Tolerant Mung Bean (<i>Vigna radiata</i> L. Wilczak) Genotypes of Bangladesh. <i>Agronomy</i> , 2021, 11, 2136.	1.3	11
119	“Breathing Out” under Heat Stress”Respiratory Control of Crop Yield under High Temperature. <i>Agronomy</i> , 2022, 12, 806.	1.3	11
120	Effect of Zero and Minimum Tillage on Cotton Productivity and Soil Characteristics under Different Nitrogen Application Rates. <i>Sustainability</i> , 2021, 13, 13753.	1.6	11
121	Enhancement of mechanical and toughness properties of carbon fiber-reinforced geopolymer pastes comprising nano calcium oxide. <i>Journal of the Australian Ceramic Society</i> , 2022, 58, 1375-1387.	1.1	11
122	Mechanical and durability behavior of recycled aggregate concrete made with different kinds of wastewater. <i>Journal of Building Engineering</i> , 2021, 34, 101950.	1.6	10
123	Axial performance of GFRP composite bars and spirals in circular hollow concrete columns. <i>Structures</i> , 2021, 29, 600-613.	1.7	10
124	<i>Arabidopsis thaliana</i> : A Model Plant for the Study of Abiotic Stress Responses. , 2020, , 129-180.		10
125	Biofilm Producing <i>Staphylococcus aureus</i> and Bovine Mastitis: A Review. <i>Molecular Microbiology Research</i> , 0, , .	0.0	10
126	A Framework for Privacy Preserving, Distributed Search Engine Using Topology of DLT and Onion Routing. <i>IEEE Access</i> , 2020, 8, 43001-43012.	2.6	9

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127	Physiological and Molecular Responses to High, Chilling, and Freezing Temperature in Plant Growth and Production: Consequences and Mitigation Possibilities. , 2021, , 235-290.		9
128	Assessment of RAPD Markers to Analyse the Genetic Diversity among Sunflower (<i>Helianthus annuus</i> L.) Genotypes. Turkish Journal of Agriculture: Food Science and Technology, 2018, 6, 107-111.	0.1	9
129	Plant lipid phosphate phosphatases: current advances and future outlooks. Critical Reviews in Biotechnology, 2023, 43, 384-392.	5.1	9
130	Synergism between ivermectin and the tyrosine kinase/ P-glycoprotein inhibitor crizotinib against <i>Haemonchus contortus</i> larvae in vitro. Veterinary Parasitology, 2016, 227, 64-68.	0.7	8
131	Axial Load-carrying Capacity of Steel Tubed Concrete Short Columns Confined with Advanced FRP Composites. Periodica Polytechnica: Civil Engineering, 0, , .	0.6	8
132	Epidemiology of ticks and molecular characterization of <i>Rhipicephalus microplus</i> in cattle population in North-Western Pakistan. International Journal of Acarology, 2020, 46, 335-343.	0.3	8
133	Axial performance of hybrid fiber reinforced concrete columns having GFRP longitudinal bars and spirals. Journal of Building Engineering, 2021, 35, 102017.	1.6	8
134	Effect of Aging on Adhesion and Moisture Damage of Asphalt: A Perspective of Rolling Bottle and Bitumen Bond Strength Test. International Journal of Pavement Research and Technology, 2022, 15, 233-242.	1.3	8
135	Performance evaluation of hybrid fiber reinforced low strength concrete cylinders confined with CFRP wraps. Structures, 2021, 31, 182-189.	1.7	8
136	Waveguide-based surface-enhanced Raman spectroscopy detection of protease activity using non-natural aromatic amino acids. Biomedical Optics Express, 2020, 11, 4800.	1.5	8
137	Mitigation of photon background in nanoplasmonic all-on-chip Raman sensors. Optics Express, 2020, 28, 33564.	1.7	8
138	DETERMINANTS OF SAFE DRINKING WATER IN PAKISTAN: A CASE STUDY OF FAISALABAD. Journal of Global Innovations in Agricultural and Social Sciences, 2016, 04, 40-45.	0.3	8
139	Gate Switch Selection for In-Band Controlling in Software Defined Networking. IEEE Access, 2019, 7, 5671-5681.	2.6	7
140	Controlling Geminiviruses before Transmission: Prospects. Plants, 2020, 9, 1556.	1.6	7
141	Brassicaceae Plants Response and Tolerance to Drought Stress: Physiological and Molecular Interventions. , 2020, , 229-261.		7
142	Strength Profile Pattern of FRP-Reinforced Concrete Structures: A Performance Analysis through Finite Element Analysis and Empirical Modeling Technique. Polymers, 2021, 13, 1265.	2.0	7
143	Polymorphic information and genetic diversity in Brassica species revealed by RAPD markers. Biocell, 2020, 44, 769-776.	0.4	7
144	Glass FRP-Reinforced Geopolymer Based Columns Comprising Hybrid Fibres: Testing and FEA Modelling. Polymers, 2022, 14, 324.	2.0	7

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145	Mechanical Performance of Geopolymer Composites Containing Nano-Silica and Micro-Carbon Fibers. <i>Arabian Journal for Science and Engineering</i> , 2022, 47, 12621-12632.	1.7	7
146	Numerical Simulations of GFRP-Reinforced Columns Having Polypropylene and Polyvinyl Alcohol Fibers. <i>Complexity</i> , 2020, 2020, 1-14.	0.9	6
147	The Crucial Role of Jasmonates in Enhancing Heavy Metals Tolerance in Plants. <i>Signaling and Communication in Plants</i> , 2021, , 159-183.	0.5	6
148	Structural behavior of GFRP reinforced recycled aggregate concrete columns with polyvinyl alcohol and polypropylene fibers. <i>Advances in Structural Engineering</i> , 2021, 24, 3043-3056.	1.2	6
149	Analysis of Lhcb gene family in rapeseed (<i>Brassica napus</i> L.) identifies a novel member "Lhcb3.4" modulating cold tolerance. <i>Environmental and Experimental Botany</i> , 2022, 198, 104848.	2.0	6
150	Data-driven analysis on axial strength of GFRP-NSC columns based on practical artificial neural network tool. <i>Composite Structures</i> , 2022, 291, 115598.	3.1	6
151	Surface-Enhanced Raman Spectroscopy Based on Plasmonic Slot Waveguides With Free-Space Oblique Illumination. <i>IEEE Journal of Quantum Electronics</i> , 2020, 56, 1-8.	1.0	5
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