

Muhammad Zafar

List of Publications by Citations

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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.

255
papers

4,473
citations

32
h-index

56
g-index

289
ext. papers

6,265
ext. citations

3.4
avg, IF

6
L-index

#	Paper	IF	Citations
255	Identification, FT-IR, NMR (1H and 13C) and GC/MS studies of fatty acid methyl esters in biodiesel from rocket seed oil. <i>Fuel Processing Technology</i> , 2011 , 92, 336-341	7.2	254
254	Ethnopharmacological application of medicinal plants to cure skin diseases and in folk cosmetics among the tribal communities of North-West Frontier Province, Pakistan. <i>Journal of Ethnopharmacology</i> , 2010 , 128, 322-35	5	164
253	An ethnobotanical study of medicinal plants in high mountainous region of Chail valley (District Swat- Pakistan). <i>Journal of Ethnobiology and Ethnomedicine</i> , 2014 , 10, 36	3.9	158
252	Ethnobotanical uses of medicinal plants for respiratory disorders among the inhabitants of Gallies - Abbottabad, Northern Pakistan. <i>Journal of Ethnopharmacology</i> , 2014 , 156, 47-60	5	151
251	Ethnobotany of medicinal plants among the communities of Alpine and Sub-alpine regions of Pakistan. <i>Journal of Ethnopharmacology</i> , 2015 , 164, 186-202	5	144
250	Assessing the potential of algal biomass opportunities for bioenergy industry: A review. <i>Fuel</i> , 2015 , 143, 414-423	7.1	136
249	Quantitative ethnomedicinal study of plants used in the skardu valley at high altitude of Karakoram-Himalayan range, Pakistan. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2014 , 10, 43	3.9	130
248	Algal biomass as a global source of transport fuels: Overview and development perspectives. <i>Progress in Natural Science: Materials International</i> , 2014 , 24, 329-339	3.6	92
247	Assessing the lignocellulosic biomass resources potential in developing countries: A critical review. <i>Renewable and Sustainable Energy Reviews</i> , 2015 , 51, 682-698	16.2	85
246	Ethnobotany of medicinal plants in district Mastung of Balochistan province-Pakistan. <i>Journal of Ethnopharmacology</i> , 2014 , 157, 79-89	5	82
245	Co-application of ACC-deaminase producing PGPR and timber-waste biochar improves pigments formation, growth and yield of wheat under drought stress. <i>Scientific Reports</i> , 2019 , 9, 5999	4.9	81
244	ACC-deaminase producing plant growth promoting rhizobacteria and biochar mitigate adverse effects of drought stress on maize growth. <i>PLoS ONE</i> , 2020 , 15, e0230615	3.7	79
243	Ethnobotany of medicinal plants in the Thar Desert (Sindh) of Pakistan. <i>Journal of Ethnopharmacology</i> , 2015 , 163, 43-59	5	77
242	Coupling Phosphate-Solubilizing Bacteria with Phosphorus Supplements Improve Maize Phosphorus Acquisition and Growth under Lime Induced Salinity Stress. <i>Plants</i> , 2020 , 9,	4.5	76
241	Ethnopharmacological documentation of medicinal plants used for hypertension among the local communities of DIR Lower, Pakistan. <i>Journal of Ethnopharmacology</i> , 2015 , 175, 138-46	5	68
240	ACC Deaminase Producing PGPR Bacillus amyloliquefaciens and Agrobacterium fabrum along with Biochar Improve Wheat Productivity under Drought Stress. <i>Agronomy</i> , 2019 , 9, 343	3.6	61
239	Ethnobotanical survey of medicinally important shrubs and trees of Himalayan region of Azad Jammu and Kashmir, Pakistan. <i>Journal of Ethnopharmacology</i> , 2015 , 166, 340-51	5	58

238	Prospects and potential of fatty acid methyl esters of some non-edible seed oils for use as biodiesel in Pakistan. <i>Renewable and Sustainable Energy Reviews</i> , 2017 , 74, 687-702	16.2	54
237	Ethnomedicinal uses of Edible Wild Fruits (EWFs) in Swat Valley, Northern Pakistan. <i>Journal of Ethnopharmacology</i> , 2015 , 173, 191-203	5	53
236	Identification of monocot flora using pollen features through scanning electron microscopy. <i>Microscopy Research and Technique</i> , 2018 , 81, 599-613	2.8	53
235	Pollen morphology of subfamily Caryophylloideae (Caryophyllaceae) and its taxonomic significance. <i>Microscopy Research and Technique</i> , 2018 , 81, 704-715	2.8	52
234	Ethnomedicinal uses of plants for the treatment of snake and scorpion bite in Northern Pakistan. <i>Journal of Ethnopharmacology</i> , 2015 , 168, 164-81	5	51
233	Microscopic investigations of palynological features of convolvulaceous species from arid zone of Pakistan. <i>Microscopy Research and Technique</i> , 2018 , 81, 228-239	2.8	46
232	Ethnomedicinal knowledge of the most commonly used plants from Deosai Plateau, Western Himalayas, Gilgit Baltistan, Pakistan. <i>Journal of Ethnopharmacology</i> , 2014 , 155, 1046-52	5	43
231	Application of Single Superphosphate with Humic Acid Improves the Growth, Yield and Phosphorus Uptake of Wheat (<i>Triticum aestivum</i> L.) in Calcareous Soil. <i>Agronomy</i> , 2020 , 10, 1224	3.6	40
230	Traditional usage of medicinal plants among the local communities of Peshawar valley, Pakistan. <i>Acta Ecologica Sinica</i> , 2020 , 40, 1-29	2.7	40
229	Sustainable production of bioenergy from novel non-edible seed oil (<i>Prunus cerasoides</i>) using bimetallic impregnated montmorillonite clay catalyst. <i>Renewable and Sustainable Energy Reviews</i> , 2019 , 109, 321-332	16.2	39
228	Ethnobotanical Study of Medicinal Plants of Semi-Tribal Area of Makerwal & Gulla Khel (Lying between Khyber Pakhtunkhwa and Punjab Provinces), Pakistan. <i>American Journal of Plant Sciences</i> , 2013 , 04, 98-116	0.5	37
227	A light and scanning electron microscopic diagnosis of leaf epidermal morphology and its systematic implications in Dryopteridaceae: Investigating 12 Pakistani taxa. <i>Micron</i> , 2018 , 111, 36-49	2.3	35
226	Traditional management of diabetes in Pakistan: Ethnobotanical investigation from Traditional Health Practitioners. <i>Journal of Ethnopharmacology</i> , 2015 , 174, 91-117	5	34
225	Taxonomic study of subfamily Nepetoideae (Lamiaceae) by polynomorphological approach. <i>Microscopy Research and Technique</i> , 2019 , 82, 1021-1031	2.8	33
224	Identification of Medicinally Used Flora Using Pollen Features Imaged in the Scanning Electron Microscopy in the Lower Margalla Hills Islamabad Pakistan. <i>Microscopy and Microanalysis</i> , 2018 , 24, 292-299	0.5	33
223	Taxonomic significance of foliar epidermal morphology in Lamiaceae from Pakistan. <i>Microscopy Research and Technique</i> , 2019 , 82, 1507-1528	2.8	32
222	The insight views of advanced technologies and its application in bio-origin fuel synthesis from lignocellulose biomasses waste, a review. <i>Renewable and Sustainable Energy Reviews</i> , 2018 , 82, 3992-4008	16.2	31
221	Synthesis and characterization of biodiesel from Aamla oil: A promoting non-edible oil source for bioenergy industry. <i>Fuel Processing Technology</i> , 2015 , 133, 173-182	7.2	31

220	Ethnopharmacological survey on medicinal plants used in herbal drinks among the traditional communities of Pakistan. <i>Journal of Ethnopharmacology</i> , 2016 , 184, 154-86	5	31
219	Using palynomorphological characteristics for the identification of species of Alsinoideae (Caryophyllaceae): a systematic approach. <i>Grana</i> , 2019 , 58, 174-184	0.8	30
218	Foliar epidermal anatomy of Lamiaceae with special emphasis on their trichomes diversity using scanning electron microscopy. <i>Microscopy Research and Technique</i> , 2019 , 82, 206-223	2.8	30
217	Assessing the potential of different nano-composite (MgO, Al ₂ O ₃ -CaO and TiO ₂) for efficient conversion of Silybum eburneum seed oil to liquid biodiesel. <i>Journal of Molecular Liquids</i> , 2018 , 249, 511-521	6.21	30
216	Intraspecific variation in seed morphology of tribe viciae (Papilionoidae) using scanning electron microscopy techniques. <i>Microscopy Research and Technique</i> , 2018 , 81, 298-307	2.8	27
215	Foliar epidermal micromorphology and its taxonomic implications in some selected species of Athyriaceae. <i>Microscopy Research and Technique</i> , 2018 , 81, 902-913	2.8	27
214	Ethnobotany of Anti-hypertensive Plants Used in Northern Pakistan. <i>Frontiers in Pharmacology</i> , 2018 , 9, 789	5.6	27
213	<i>Bergenia ciliata</i> : A comprehensive review of its traditional uses, phytochemistry, pharmacology and safety. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 97, 708-721	7.5	26
212	Cleaner production of methyl ester from non-edible feedstock by ultrasonic-assisted cavitation system. <i>Journal of Cleaner Production</i> , 2017 , 161, 1360-1373	10.3	25
211	Foliar micromorphology of Convolvulaceous species with special emphasis on trichome diversity from the arid zone of Pakistan. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2019 , 255, 110-124	1.9	25
210	Morpho-palynological study of Cyperaceae from wetlands of Azad Jammu and Kashmir using SEM and LM. <i>Microscopy Research and Technique</i> , 2018 , 81, 458-468	2.8	25
209	A systematic approach to the investigation of foliar epidermal anatomy of subfamily Caryophylloideae (Caryophyllaceae). <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2018 , 246-247, 61-70	1.9	25
208	Experimental analysis of di-functional magnetic oxide catalyst and its performance in the hemp plant biodiesel production. <i>Applied Energy</i> , 2014 , 113, 660-669	10.7	25
207	Palyno-anatomical studies of monocot taxa and its taxonomic implications using light and scanning electron microscopy. <i>Microscopy Research and Technique</i> , 2019 , 82, 373-393	2.8	24
206	Taxonomic study of one generic and two new species record to the flora of Pakistan using multiple microscopic techniques. <i>Microscopy Research and Technique</i> , 2020 , 83, 345-353	2.8	24
205	Bioenergy potential and thermochemical characterization of lignocellulosic biomass residues available in Pakistan. <i>Korean Journal of Chemical Engineering</i> , 2020 , 37, 1899-1906	2.8	24
204	Leaf epidermal micromorphology and its implications in systematics of certain taxa of the fern family Pteridaceae from Northern Pakistan. <i>Microscopy Research and Technique</i> , 2019 , 82, 317-332	2.8	23
203	Traditional plant based medicines used to treat musculoskeletal disorders in Northern Pakistan. <i>European Journal of Integrative Medicine</i> , 2018 , 19, 17-64	1.7	23

202	Taxonomic implications of foliar epidermal characteristics in subfamily Alsinoideae (Caryophyllaceae). <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2018 , 242, 31-44	1.9	23
201	Estimation of Anticipated Performance Index and Air Pollution Tolerance Index and of vegetation around the marble industrial areas of Potwar region: bioindicators of plant pollution response. <i>Environmental Geochemistry and Health</i> , 2015 , 37, 441-55	4.7	23
200	Phosphorus Nutrient Management through Synchronization of Application Methods and Rates in Wheat and Maize Crops. <i>Plants</i> , 2020 , 9,	4.5	23
199	Production of high quality biodiesel from novel non-edible Raphnus raphanistrum L. seed oil using copper modified montmorillonite clay catalyst. <i>Environmental Research</i> , 2021 , 193, 110398	7.9	22
198	Identification of green energy ranunculaceous flora of district Chitral, Northern Pakistan using pollen features through scanning electron microscopy. <i>Microscopy Research and Technique</i> , 2018 , 81, 1004-1016	2.8	22
197	Using multiple microscopic techniques for the comparative systematic of Spergula fallax and Spergula arvensis (Caryophyllaceae). <i>Microscopy Research and Technique</i> , 2019 , 82, 352-360	2.8	21
196	Ethnobotanical importance of medicinal plants traded in Herbal markets of Rawalpindi- Pakistan. <i>Journal of Herbal Medicine</i> , 2018 , 11, 78-89	2.3	21
195	Relative popularity level of medicinal plants in Talagang, Punjab Province, Pakistan. <i>Revista Brasileira De Farmacognosia</i> , 2017 , 27, 751-775	2	21
194	Leaf micromorphological adaptations of resurrection ferns in Northern Pakistan. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2019 , 255, 1-10	1.9	20
193	An ethnobotanical study of medicinal plants used to treat skin diseases in northern Pakistan. <i>BMC Complementary and Alternative Medicine</i> , 2019 , 19, 210	4.7	20
192	The Optimization of Biodiesel Production from a Novel Source of Wild Non-Edible Oil Yielding Plant Silybum Marianum. <i>International Journal of Green Energy</i> , 2014 , 11, 589-594	3	20
191	Nutrient and mineral assessment of edible wild fig and mulberry fruits. <i>Fruits</i> , 2014 , 69, 159-166	0.3	20
190	Elemental analysis of some medicinal plants used in traditional medicine by atomic absorption spectrophotometer (AAS). <i>Journal of Medicinal Plants Research</i> , 2010 , 4, 1987-1990	0.6	20
189	Systematic approach to the correct identification of Asplenium dalhousiae (Aspleniaceae) with their medicinal uses. <i>Microscopy Research and Technique</i> , 2019 , 82, 459-465	2.8	20
188	Biodiesel synthesis from Saussurea heteromalla (D.Don) Hand-Mazz integrating ethanol production using biorefinery approach. <i>Energy</i> , 2017 , 141, 1810-1818	7.9	19
187	Medicinal Plant Biodiversity of Lesser Himalayas-Pakistan 2012 ,		19
186	Palynological investigation of lactiferous flora (Apocynaceae) of District Rawalpindi, Pakistan, using light and scanning electron microscopy. <i>Microscopy Research and Technique</i> , 2019 , 82, 1410-1418	2.8	18
185	The endemic medicinal plants of Northern Balochistan, Pakistan and their uses in traditional medicine. <i>Journal of Ethnopharmacology</i> , 2015 , 173, 1-10	5	18

184	Scanning electron and light microscopy of foliar epidermal characters: A tool for plant taxonomists in the identification of grasses. <i>Microscopy Research and Technique</i> , 2017 , 80, 1123-1140	2.8	18
183	Microscopic investigation of pollen morphology of Brassicaceae from Central Punjab-Pakistan. <i>Microscopy Research and Technique</i> , 2020 , 83, 446-454	2.8	18
182	Performance of inverted organic photovoltaic cells with nitrogen doped TiO ₂ films by atomic layer deposition. <i>Korean Journal of Chemical Engineering</i> , 2018 , 35, 567-573	2.8	18
181	Improvement in performance of inverted polymer solar cells by interface engineering of ALD ZnS on ZnO electron buffer layer. <i>Applied Surface Science</i> , 2019 , 481, 1442-1448	6.7	17
180	Synthesis and characterization of methyl esters from non-edible plant species yellow oleander oil, using magnesium oxide (MgO) nano-catalyst. <i>Materials Research Bulletin</i> , 2018 , 101, 371-379	5.1	17
179	Palyno-morphological characteristics of gymnosperm flora of Pakistan and its taxonomic implications with LM and SEM methods. <i>Microscopy Research and Technique</i> , 2018 , 81, 74-87	2.8	17
178	Micromorphological observation of seed coat of Eucalyptus species (Myrtaceae) using scanning electron microscopy technique. <i>Microscopy Research and Technique</i> , 2019 , 82, 75-84	2.8	17
177	Improvement in performance of inverted organic solar cell by rare earth element lanthanum doped ZnO electron buffer layer. <i>Materials Chemistry and Physics</i> , 2020 , 240, 122076	4.4	17
176	Performance of inverted polymer solar cells with randomly oriented ZnO nanorods coupled with atomic layer deposited ZnO. <i>Applied Surface Science</i> , 2017 , 398, 9-14	6.7	16
175	Comparative Study of Liquid Biodiesel From Sterculia foetida (Bottle Tree) Using CuO-CeO ₂ and Fe ₂ O ₃ Nano Catalysts. <i>Frontiers in Energy Research</i> , 2019 , 7,	3.8	16
174	Traditional knowledge on herbal drinks among indigenous communities in Azad Jammu and Kashmir, Pakistan. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2018 , 14, 16	3.9	16
173	Variables Effecting the Optimization of Non Edible Wild Safflower Oil Biodiesel Using Alkali Catalyzed Transesterification. <i>International Journal of Green Energy</i> , 2013 , 10, 53-62	3	16
172	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	2.9	16
171	Anti-tumour-promoting and thermal-induced protein denaturation inhibitory activities of βitosterol and lupeol isolated from Diospyros lotus L. <i>Natural Product Research</i> , 2016 , 30, 1205-7	2.3	15
170	Assessing the experimental investigation of milk thistle oil for biodiesel production using base catalyzed transesterification. <i>Energy</i> , 2015 , 89, 887-895	7.9	15
169	Study of Alkaloids as αGlucosidase Inhibitors: Hope for the Discovery of Effective Lead Compounds. <i>Frontiers in Endocrinology</i> , 2016 , 7, 153	5.7	15
168	Palyno-morphological investigations of halophytic taxa of Amaranthaceae through SEM from Salt range of Northern Punjab, Pakistan. <i>Microscopy Research and Technique</i> , 2019 , 82, 304-316	2.8	15
167	The quest for some novel antifertility herbals used as male contraceptives in district Shangla, Pakistan. <i>Acta Ecologica Sinica</i> , 2020 , 40, 102-112	2.7	15

166	Taxonomic importance of spore morphology in Thelypteridaceae from Northern Pakistan. <i>Microscopy Research and Technique</i> , 2019 , 82, 1326-1333	2.8	14
165	The Production, Optimization, and Characterization of Biodiesel from a Novel Source: <i>Sinapis alba</i> L. <i>International Journal of Green Energy</i> , 2014 , 11, 280-291	3	14
164	Biodiesel production from novel non-edible caper (<i>Capparis spinosa</i> L.) seeds oil employing CuNi doped ZrO ₂ catalyst. <i>Renewable and Sustainable Energy Reviews</i> , 2021 , 138, 110558	16.2	14
163	Ethnoveterinary health management practices using medicinal plants in South Asia - a review. <i>Veterinary Research Communications</i> , 2017 , 41, 147-168	2.9	13
162	Highly stable inverted organic photovoltaic cells with a V ₂ O ₅ hole transport layer. <i>Korean Journal of Chemical Engineering</i> , 2017 , 34, 1504-1508	2.8	13
161	Compost mixed fruits and vegetable waste biochar with ACC deaminase rhizobacteria can minimize lead stress in mint plants. <i>Scientific Reports</i> , 2021 , 11, 6606	4.9	13
160	Biodiesel synthesis and characterization using wilted thistle plant (<i>Carduus acanthoides</i>) as source of new non-edible seed oil. <i>International Journal of Green Energy</i> , 2016 , 13, 462-469	3	13
159	A biochemical and histological approach to study antifertility effects of methanol leaf extract of <i>Asplenium dalhousiae</i> Hook. in adult male rats. <i>Andrologia</i> , 2019 , 51, e13262	2.4	12
158	Traditional preference of Wild Edible Fruits (WEFs) for digestive disorders (DDs) among the indigenous communities of Swat Valley-Pakistan. <i>Journal of Ethnopharmacology</i> , 2015 , 174, 339-54	5	12
157	Botany, ethnomedicines, phytochemistry and pharmacology of Himalayan paeony (<i>Paeonia emodi</i> Royle.). <i>Journal of Ethnopharmacology</i> , 2018 , 220, 197-219	5	12
156	Optimization of Biodiesel Production over Alkaline Modified Clay Catalyst. <i>Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy</i> , 2017 , 96, 456-462	0.5	12
155	Pollen morphology of family Solanaceae and its taxonomic significance. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020 , 92, e20181221	1.4	12
154	Scanning electron microscopy leads to identification of novel nonedible oil seeds as energy crops. <i>Microscopy Research and Technique</i> , 2019 , 82, 1165-1173	2.8	11
153	Enhancing Durability and Photoelectrochemical Performance of the Earth Abundant Ni-Mo/TiO ₂ /CdS/CIGS Photocathode under Various pH Conditions. <i>ChemSusChem</i> , 2018 , 11, 3679-3688	8.3	11
152	Practical Handbook on Biodiesel Production and Properties		11
151	Morpho-palynological investigations of natural resources: A case study of Surghar mountain district Mianwali Punjab, Pakistan. <i>Microscopy Research and Technique</i> , 2019 , 82, 1047-1056	2.8	10
150	Scanning electron microscopy as a tool for authentication of oil yielding seed. <i>Microscopy Research and Technique</i> , 2018 , 81, 624-629	2.8	10
149	Chemical species of metallic elements in the aquatic environment of an ex-mining catchment. <i>Water Environment Research</i> , 2014 , 86, 717-28	2.8	10

148	Pollen morphology of some species of the Family Asteraceae from the Alpine Zone, Deosai Plateau, northern Pakistan. <i>Palynology</i> , 2013 , 37, 189-195	1.5	10
147	Chemotaxonomic clarification of pharmaceutically important species of <i>Cyperus</i> L.. <i>African Journal of Pharmacy and Pharmacology</i> , 2011 , 5, 67-75	0.5	10
146	Microscopic investigations and pharmacognostic techniques used for the standardization of herbal drug <i>Nigella sativa</i> L. <i>Microscopy Research and Technique</i> , 2018 , 81, 1443-1450	2.8	10
145	Taxonomic importance of SEM and LM foliar epidermal micro-morphology: A tool for robust identification of gymnosperms. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2019 , 255, 42-68	1.9	9
144	Pollen morphological investigations of family Cactaceae and its taxonomic implication by light microscopy and scanning electron microscopy. <i>Microscopy Research and Technique</i> , 2020 , 83, 767-777	2.8	9
143	Antifertility effect of methanolic leaf extract of <i>Chenopodium ambrosioides</i> Hook. in male Sprague Dawley rats. <i>Andrologia</i> , 2018 , 50, e13129	2.4	9
142	Ethnopharmacological evaluation and antioxidant activity of some important herbs used in traditional medicines. <i>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</i> , 2016 , 36, 689-94		9
141	Role of trees in climate change and their authentication through scanning electron microscopy. <i>Microscopy Research and Technique</i> , 2019 , 82, 92-100	2.8	9
140	The use of taxonomic studies to the identification of wetlands weeds 2021 , 39,		9
139	New robust sensitive fluorescence spectroscopy coupled with PLSR for estimation of quercetin in <i>Ziziphus mucronata</i> and <i>Ziziphus sativa</i> . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 194, 152-157	4.4	8
138	Ethnopharmacological relevance of medicinal plants used for the treatment of oral diseases in Central Punjab-Pakistan. <i>Journal of Herbal Medicine</i> , 2018 , 12, 88-110	2.3	8
137	Production of Methyl Ester (Biodiesel) From Four Plant Species of Brassicaceae: Optimization of the Transesterification Process. <i>International Journal of Green Energy</i> , 2013 , 10, 362-369	3	8
136	Improved inverted-organic-solar-cell performance via sulfur doping of ZnO films as electron buffer layer. <i>Materials Science in Semiconductor Processing</i> , 2019 , 96, 66-72	4.3	8
135	Optimization of novel <i>Lepidium perfoliatum</i> Linn. Biodiesel using zirconium-modified montmorillonite clay catalyst. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2019 , 1-16	1.6	8
134	A review of the pollen analysis of South Asian honey to identify the bee floras of the region. <i>Palynology</i> , 2016 , 40, 54-65	1.5	7
133	Palynological studies of melliferous and allergenic flora of Pakistan: A key to pollen and spore identification. <i>Journal of Apicultural Research</i> , 2017 , 56, 300-309	2	7
132	Pharmacophore studies of 1, 3, 4-oxadiazole nucleus: Lead compounds as α -glucosidase inhibitors. <i>Food and Chemical Toxicology</i> , 2019 , 130, 207-218	4.7	7
131	Microscopic investigation of palyno-morphological features of melliferous flora of Lakki Marwat district, Khyber Pakhtunkhwa, Pakistan. <i>Microscopy Research and Technique</i> , 2019 , 82, 720-730	2.8	7

130	Comparative SEM and LM foliar epidermal and palyno-morphological studies of Amaranthaceae and its taxonomic implications. <i>Microscopy Research and Technique</i> , 2018 , 81, 474-485	2.8	7
129	Humic Acid Mitigates the Negative Effects of High Rates of Biochar Application on Microbial Activity. <i>Sustainability</i> , 2020 , 12, 9524	3.6	7
128	Development of AgFeO ₂ /rGO/TiO ₂ Ternary Composite Photocatalysts for Enhanced Photocatalytic Dye Decolorization. <i>Crystals</i> , 2020 , 10, 923	2.3	7
127	Micromorphological investigation of leaf epidermis and seeds of Vitaceae from Pakistan using light microscopy and scanning electron microscopy. <i>Microscopy Research and Technique</i> , 2019 , 82, 335-344	2.8	7
126	Palynological characteristics of selected Lamioideae taxa and its taxonomic significance. <i>Microscopy Research and Technique</i> , 2021 , 84, 471-479	2.8	7
125	Biodiesel synthesis and physiochemical analysis of Taraxacum officinale F.H.Wigg seed oil. <i>International Journal of Environmental Science and Technology</i> , 2019 , 16, 4103-4112	3.3	6
124	Taxonomic significance of leaf epidermis in tribe Trifolieae L. (Leguminosae; Papilionoideae) in Pakistan. <i>Plant Biosystems</i> , 2019 , 153, 406-416	1.6	6
123	Pollen morphology of four endemic species of Pedicularis L. from alpine zone of the Deosai Plateau, Himalayan range. <i>Bangladesh Journal of Plant Taxonomy</i> , 2012 , 19, 1-5	0.6	6
122	Medicinal plant diversity used for livelihood of public health in deserts and arid regions of Sindh-Pakistan. <i>Pakistan Journal of Botany</i> , 2019 , 51,	2	6
121	Foliar epidermal anatomy of some selected wild edible fruits of Pakistan using light microscopy and scanning electron microscopy. <i>Microscopy Research and Technique</i> , 2020 , 83, 259-267	2.8	6
120	Removal of Polycyclic Aromatic Hydrocarbons (PAHs) from Produced Water by Ferrate (VI) Oxidation. <i>Water (Switzerland)</i> , 2020 , 12, 3132	3	6
119	Chemo-taxonomic and biological potential of highly therapeutic plant Pedicularis groenlandica Retz. using multiple microscopic techniques. <i>Microscopy Research and Technique</i> , 2021 , 84, 2890-2905	2.8	6
118	Macromorphological and micromorphological seed features of selected taxa of Caesalpiniaceae using light and scanning electron microscopy. <i>Microscopy Research and Technique</i> , 2019 , 82, 1073-1082	2.8	5
117	Nanoindentation Response of Scratched Polymeric Surfaces. <i>Tribology Transactions</i> , 2015 , 58, 801-806	1.8	5
116	Knowledge of Medicinal Plants for Children Diseases in the Environs of District Bannu, Khyber Pakhtoonkhwa (KPK). <i>Frontiers in Pharmacology</i> , 2017 , 8, 430	5.6	5
115	Ethnomedicinal uses of plants in the treatment of paediatric geohelminth infections in Kalat district of Northern Balochistan, Pakistan. <i>Journal of Ethnopharmacology</i> , 2016 , 183, 176-186	5	5
114	Ethnopharmacological profile of anti-arthritic plants of Asia-a systematic review. <i>Journal of Herbal Medicine</i> , 2018 , 13, 8-25	2.3	5
113	Microscopic techniques used for the identification of medicinal plants: A case study of Senna. <i>Microscopy Research and Technique</i> , 2019 , 82, 1660-1667	2.8	5

112	The In Vitro and In Vivo Biological Activities of the Leaf of Cape Myrtle, <i>Myrsine africana</i> L. <i>Phytotherapy Research</i> , 2017 , 31, 1305-1309	6.7	5
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3 Biomass as Sustainable Material for Bioethanol Production **2022**, 1-24

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