

Muhammad Zafar

List of Publications by Year in Descending Order

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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	Authentication of the therapeutic Lamiaceae taxa by using pollen traits observed under scanning electron microscopy.. <i>Microscopy Research and Technique</i> , 2022 ,	2.8	2
254	Phyllosilicate derived catalysts for efficient conversion of lignocellulosic derived biomass to biodiesel: A review. <i>Bioresource Technology</i> , 2022 , 343, 126068	11	4
253	Conversion of the toxic and hazardous Zanthoxylum armatum seed oil into methyl ester using green and recyclable silver oxide nanoparticles. <i>Fuel</i> , 2022 , 310, 122296	7.1	4
252	Biomass as Sustainable Material for Bioethanol Production 2022 , 1-24		
251	Visible-Light-Active ZnFe Layered Double Hydroxide (LDH) for the Photocatalytic Conversion of Rice Husk Extract to Value-Added Products. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 2313	2.6	0
250	Elimination of solidification shrinkage defects in the casting of aluminum alloy. <i>Journal of Mechanical Science and Technology</i> , 2022 , 36, 2345-2353	1.6	
249	Green synthesis of biodiesel from Citrus medica seed oil using green nanoparticles of copper oxide. <i>Fuel</i> , 2022 , 323, 124285	7.1	1
248	Membrane based reactors for sustainable treatment of Coronopus didymus L. by developing Iodine doped potassium oxide Catalyst under Dynamic conditions. <i>Chemosphere</i> , 2022 , 303, 135138	8.4	1
247	Conversion of waste seed oil of Citrus aurantium into methyl ester via green and recyclable nanoparticles of zirconium oxide in the context of circular bioeconomy approach. <i>Waste Management</i> , 2021 , 136, 310-320	8.6	4
246	Micro and Macroscopic Characterization of Traded Nigella sativa Seeds Using Applied Systematics Techniques. <i>Food Bioactive Ingredients</i> , 2021 , 31-44	0.2	2
245	Medicinal Plants Used for Pediatrics or Children Disorders 2021 , 303-370		
244	Sustainable and Eco-friendly Synthesis of Biodiesel from Novel and Non-edible seed oil of Monothea buxifolia using Green Nano-catalyst of Calcium oxide. <i>Energy Conversion and Management: X</i> , 2021 , 100142	2.5	0
243	Biodiesel synthesis from Prunus bokhariensis non-edible seed oil by using green silver oxide nanocatalyst. <i>Chemosphere</i> , 2021 , 291, 132780	8.4	3
242	Pollen morphology and its taxonomic potential in some selected taxa of Caesalpiniaceae observed under light microscopy and scanning electron microscopy. <i>Microscopy Research and Technique</i> , 2021	2.8	2
241	Medicinal Plants Used for Musculoskeletal Disorders 2021 , 371-432		
240	Medicinal Plants Used for Skin Diseases 2021 , 241-302		0
239	Medicinal Plants Used for Glottis Disorders 2021 , 433-498		

238	Deciphering role of technical bioprocess parameters for bioethanol production using microalgae. <i>Saudi Journal of Biological Sciences</i> , 2021 , 28, 7595-7606	4	3
237	Application of multimicroscopic techniques (LM and SEM) in comparative palynological study of Asteroideae members, inhabited in Pakistan. <i>Microscopy Research and Technique</i> , 2021 , 84, 1063-1077	2.8	0
236	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
235	Application of spore morphology to solve identification problems in certain species of family Dryopteridaceae from Malakand Division, Pakistan. <i>Microscopy Research and Technique</i> , 2021 , 84, 1897-1910	2.8	0
234	Implication of scanning electron microscopy in the seed morphology with special reference to three subfamilies of Fabaceae. <i>Microscopy Research and Technique</i> , 2021 , 84, 2176-2185	2.8	1
233	Palyno-morphological characterization of selected allergenic taxa of family Poaceae from Islamabad-Pakistan using microscopic techniques. <i>Microscopy Research and Technique</i> , 2021 , 84, 2544-2558	2.8	1
232	Evaluation of heavy metals effects on morpho-anatomical alterations of wheat (<i>Triticum aestivum</i> L.) seedlings. <i>Microscopy Research and Technique</i> , 2021 , 84, 2517-2529	2.8	4
231	Chemo-taxonomic and biological potential of highly therapeutic plant <i>Pedicularis groenlandica</i> Retz. using multiple microscopic techniques. <i>Microscopy Research and Technique</i> , 2021 , 84, 2890-2905	2.8	6
230	Castor Leaves-Based Biochar for Adsorption of Safranin from Textile Wastewater. <i>Sustainability</i> , 2021 , 13, 6926	3.6	5
229	Anatomical characterization of 18 commercially important varieties of <i>Phoenix dactylifera</i> L. by using microscopy. <i>Microscopy Research and Technique</i> , 2021 , 84, 2988-2999	2.8	0
228	Efficiency Enhancement by Insertion of ZnO Recombination Barrier Layer in CdS Quantum Dot-Sensitized Solar Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2021 , 21, 3800-3805	1.3	1
227	Implication, visualization, and characterization through scanning electron microscopy as a tool to identify nonedible oil seeds. <i>Microscopy Research and Technique</i> , 2021 , 84, 379-393	2.8	3
226	Application and implication of scanning electron microscopy for evaluation of palyno-morphological features of Vitaceae from Pakistan. <i>Microscopy Research and Technique</i> , 2021 , 84, 608-617	2.8	0
225	Scanning Electron Microscopy-based palynological characterization of selected Euphorbiaceae taxa colonized in Pakistan. <i>Microscopy Research and Technique</i> , 2021 , 84, 850-859	2.8	1
224	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
223	Hydrocarbon generation potential of Chichali Formation, Kohat Basin, Pakistan: A case study. <i>Journal of King Saud University - Science</i> , 2021 , 33, 101235	3.6	
222	Seed morphology: An addition to the taxonomy of Astragaleae and Trifolieae (Leguminosae: Papilionoidae) from Pakistan. <i>Microscopy Research and Technique</i> , 2021 , 84, 1053-1062	2.8	1
221	Sesame (<i>Sesamum indicum</i> L.) 2021 , 253-269		1

220	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
219	Quality assurance and authentication of herbal drug (<i>Argyrolobium roseum</i> and <i>Viola stocksii</i>) through comparative light and scanning electron microscopy. <i>Microscopy Research and Technique</i> , 2021 , 84, 28-37	2.8	3
218	Pollen diversity and its implications to the systematics of mimosaceous species by LM and SEM. <i>Microscopy Research and Technique</i> , 2021 , 84, 42-55	2.8	1
217	Palynological characteristics of selected Lamiaceae taxa and its taxonomic significance. <i>Microscopy Research and Technique</i> , 2021 , 84, 471-479	2.8	7
216	Current status of solvents used in the pharmaceutical industry 2021 , 195-219		4
215	Green solvents for qualitative pharmaceutical analysis 2021 , 221-241		
214	Traditional knowledge of wild medicinal plants used by the inhabitants of Garam Chashma valley, district Chitral, Pakistan. <i>Acta Ecologica Sinica</i> , 2021 ,	2.7	4
213	Microscopic implication and evaluation of herbaceous melliferous plants of southern Khyber Pakhtunkhwa-Pakistan using light and scanning electron microscope. <i>Microscopy Research and Technique</i> , 2021 , 84, 1750-1764	2.8	4
212	Morpho-palynological assessment of some species of family Asteraceae and Lamiaceae of District Bannu, Pakistan on the bases of light microscope & scanning electron microscopy. <i>Microscopy Research and Technique</i> , 2021 , 84, 1220-1232	2.8	4
211	Ethnoveterinary botanical survey of medicinal plants used in Pashto, Punjabi and Saraiki communities of Southwest Pakistan. <i>Veterinary Medicine and Science</i> , 2021 , 7, 2068-2085	2.1	3
210	Taxonomic implications of macro and micromorphological characters in the genus <i>Brachythecium</i> (Brachytheciaceae, Bryopsida) from the Western Himalayas: A combined light and scanning electron microscopic analysis. <i>Microscopy Research and Technique</i> , 2021 , 84, 3000-3022	2.8	0
209	Palynomorphological diversity among the Asteraceous honeybee flora: An aid to the correct taxonomic identification using multiple microscopic techniques. <i>Microscopy Research and Technique</i> , 2021 ,	2.8	4
208	Effect of Urea Addition on Anatase Phase Enrichment and Nitrogen Doping of TiO ₂ for Photocatalytic Abatement of Methylene Blue. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 8264	2.6	0
207	Facile Synthesis of Transparent Glass Surfaces via Hydrothermal Route for Superhydrophobic Performance. <i>Journal of Nanoscience and Nanotechnology</i> , 2021 , 21, 4824-4829	1.3	
206	Identification of novel, non-edible oil seeds via scanning electron microscopy as potential feedstock for green synthesis of biodiesel. <i>Microscopy Research and Technique</i> , 2021 ,	2.8	2
205	Ethnobotany, Medicinal Utilization and Systematics of <i>Opuntia</i> Species from Deserts of Pakistan 2021 , 49-80		0
204	Synthesis and Characterization of Waste Eggshell-Based Montmorillonite Clay Catalyst for Biodiesel Production from Waste Cooking Oil. <i>E3S Web of Conferences</i> , 2021 , 287, 02006	0.5	
203	Halophyte Diversity in Pakistan 2021 , 2557-2580		

202	The use of taxonomic studies to the identification of wetlands weeds 2021 , 39,		9
201	Biomass as Sustainable Material for Bioethanol Production 2021 , 1-24		
200	Light and scanning electron microscopy-based foliar micro morphological tools for the identification of fodder grass taxa. <i>Microscopy Research and Technique</i> , 2020 , 83, 953-978	2.8	2
199	Synthesis and Structural Characterization of Biofuel From Cocklebur sp., Using Zinc Oxide Nano-Particle: A Novel Energy Crop for Bioenergy Industry. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 756	5.8	1
198	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
197	Comparative foliar anatomical and pollen morphological studies of Acanthaceae using light microscope and scanning electron microscope for effective microteaching in community. <i>Microscopy Research and Technique</i> , 2020 , 83, 1103-1117	2.8	3
196	Morphological characterization of Hypnaceae (Bryopsida, Hypnales): Investigating four genera from Western Himalayas by using LM and SEM techniques. <i>Microscopy Research and Technique</i> , 2020 , 83, 676-690	2.8	3
195	Light microscopy of Pakistani Berberis leaf cuticles and its taxonomic implications. <i>Microscopy Research and Technique</i> , 2020 , 83, 541-550	2.8	1
194	Effect of Randomly Grown Morphology of ZnO Nanorods in Inverted Organic Solar Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2020 , 20, 4414-4418	1.3	4
193	Pollen morphology of family Solanaceae and its taxonomic significance. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020 , 92, e20181221	1.4	12
192	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. <i>Pakistan Journal of Botany</i> , 2020 , 52,	2	5
191	Determination of antimicrobial and antioxidant potential of agro-waste peels. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020 , 92, e20181103	1.4	2
190	Halophyte Diversity in Pakistan 2020 , 1-24		2
189	Identification of novel nonedible oil seeds via scanning electron microscopy for biodiesel production. <i>Microscopy Research and Technique</i> , 2020 , 83, 165-175	2.8	5
188	Taxonomic significance of cypsela morphology in tribe Cichoreae (Asteraceae) using light microscopy and scanning electron microscopy. <i>Microscopy Research and Technique</i> , 2020 , 83, 239-248	2.8	4
187	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
186	Seed morphology using SEM techniques for identification of useful grasses in Dera Ghazi Khan, Pakistan. <i>Microscopy Research and Technique</i> , 2020 , 83, 249-258	2.8	4
185	Microscopic investigation of pollen morphology of Brassicaceae from Central Punjab-Pakistan. <i>Microscopy Research and Technique</i> , 2020 , 83, 446-454	2.8	18

184	Herbal medicines used to treat diabetes in Southern regions of Pakistan and their pharmacological evidence. <i>Journal of Herbal Medicine</i> , 2020 , 21, 100323	2.3	4
183	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
182	Comparative petioler anatomy of tribe Mentheae subfamily Nepetoideae, Lamiaceae from Pakistan. <i>Feddes Repertorium</i> , 2020 , 131, 163-174	0.4	1
181	Humic Acid Mitigates the Negative Effects of High Rates of Biochar Application on Microbial Activity. <i>Sustainability</i> , 2020 , 12, 9524	3.6	7
180	Removal of Polycyclic Aromatic Hydrocarbons (PAHs) from Produced Water by Ferrate (VI) Oxidation. <i>Water (Switzerland)</i> , 2020 , 12, 3132	3	6
179	Spore morphology and leaf epidermal anatomy as a taxonomic source in the identification of <i>Asplenium</i> species from Malakand division Pakistan. <i>Microscopy Research and Technique</i> , 2020 , 83, 1354-1368	2.8	0
178	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
177	Theoretical Analysis of Roll-Over-Web Surface Thin Layer Coating. <i>Coatings</i> , 2020 , 10, 691	2.9	2
176	Integrated geochemical study of Chichali Formation from Kohat sub-basin, Khyber Pakhtunkhwa, Pakistan. <i>Journal of Petroleum Exploration and Production</i> , 2020 , 10, 2737-2752	2.2	2
175	Development of AgFeO ₂ /rGO/TiO ₂ Ternary Composite Photocatalysts for Enhanced Photocatalytic Dye Decolorization. <i>Crystals</i> , 2020 , 10, 923	2.3	7
174	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
173	Taxonomic implications of leaf epidermis in halophytes of Amaranthaceae from Salt Range of Punjab, Pakistan. <i>Plant Biosystems</i> , 2020 , 1-12	1.6	2
172	Phosphorus Nutrient Management through Synchronization of Application Methods and Rates in Wheat and Maize Crops. <i>Plants</i> , 2020 , 9,	4.5	23
171	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
170	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
169	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
168	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
167	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

166	Medicinal Plants Used for Treatment of Prevalent Diseases in Northern Pakistan of Western Himalayas 2020 ,		5
165	Comparative pollen and foliar micromorphological studies using light microscopy and scanning electron microscopy of some selected species of Lamiaceae from Alpine Zone of Deosai Plateau, Western Himalayas. <i>Microscopy Research and Technique</i> , 2020 , 83, 579-588	2.8	2
164	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
163	Authentication of herbal drug Tukhm-e-balango (<i>Lallemantia royleana</i> Benth.) using microscopic, pharmacognostic, and phytochemical characterization. <i>Microscopy Research and Technique</i> , 2019 , 82, 731-740	2.8	1
162	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
161	Pollen morphological variation of <i>Berberis</i> L. from Pakistan and its systematic importance. <i>Microscopy Research and Technique</i> , 2019 , 82, 1593-1600	2.8	1
160	Taxonomic significance of foliar epidermal morphology in Lamiaceae from Pakistan. <i>Microscopy Research and Technique</i> , 2019 , 82, 1507-1528	2.8	32
159	Pharmacophore studies of 1, 3, 4-oxadiazole nucleus: Lead compounds as β -glucosidase inhibitors. <i>Food and Chemical Toxicology</i> , 2019 , 130, 207-218	4.7	7
158	Palyno-morphological investigations of subtropical endangered flora of Capparidaceae through light and scanning electron microscopy. <i>Microscopy Research and Technique</i> , 2019 , 82, 1401-1409	2.8	2
157	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
156	Taxonomic importance of spore morphology in Thelypteridaceae from Northern Pakistan. <i>Microscopy Research and Technique</i> , 2019 , 82, 1326-1333	2.8	14
155	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
154	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
153	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
152	Comparative light and scanning electron microscopy in authentication of adulterated traded medicinal plants. <i>Microscopy Research and Technique</i> , 2019 , 82, 1174-1183	2.8	3
151	Microscopic and phytochemical techniques as a tool for authentication of herbal drug chiraita: <i>Swertia cordata</i> (G. Don) C.B. Clarke. <i>Microscopy Research and Technique</i> , 2019 , 82, 1092-1101	2.8	1
150	Using palynomorphological characteristics for the identification of species of Alsinoideae (Caryophyllaceae): a systematic approach. <i>Grana</i> , 2019 , 58, 174-184	0.8	30
149	Biodiesel synthesis and physiochemical analysis of <i>Taraxacum officinale</i> F.H.Wigg seed oil. <i>International Journal of Environmental Science and Technology</i> , 2019 , 16, 4103-4112	3.3	6

148	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
147	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
146	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
145	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
144	Micro-morphological, environmental and phytochemical investigation of herbal medicines by using LM and SEM: A quality control tool. <i>Microscopy Research and Technique</i> , 2019 , 82, 550-557	2.8	0
143	Investigating Schizocarp morphology as a taxonomic tool in study of Apiaceae family by utilizing LM and SEM techniques. <i>Microscopy Research and Technique</i> , 2019 , 82, 1012-1020	2.8	0
142	Comparative Study of Liquid Biodiesel From <i>Sterculia foetida</i> (Bottle Tree) Using CuO-CeO ₂ and Fe ₂ O ₃ Nano Catalysts. <i>Frontiers in Energy Research</i> , 2019 , 7,	3.8	16
141	Taxonomic study of subfamily Nepetoideae (Lamiaceae) by polymorphological approach. <i>Microscopy Research and Technique</i> , 2019 , 82, 1021-1031	2.8	33
140	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
139	Utilization of foliar cuticle morphology for the identification of weedy grasses. <i>Microscopy Research and Technique</i> , 2019 , 82, 1231-1239	2.8	3
138	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
137	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
136	Chemical Conversion in Biodiesel Refinery. <i>Biofuel and Biorefinery Technologies</i> , 2019 , 201-217	1	0
135	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
134	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
133	Using multiple microscopic techniques for the comparative systematic of <i>Spergula fallax</i> and <i>Spergula arvensis</i> (Caryophyllaceae). <i>Microscopy Research and Technique</i> , 2019 , 82, 352-360	2.8	21
132	Taxonomic significance of leaf epidermis in tribe Trifolieae L. (Leguminosae; Papilionoideae) in Pakistan. <i>Plant Biosystems</i> , 2019 , 153, 406-416	1.6	6
131	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

130	ACC Deaminase Producing PGPR <i>Bacillus amyloliquefaciens</i> and <i>Agrobacterium fabrum</i> along with Biochar Improve Wheat Productivity under Drought Stress. <i>Agronomy</i> , 2019 , 9, 343	3.6	61
129	Light microscopy and scanning electron microscopy: Implications for authentication of misidentified herbal drugs. <i>Microscopy Research and Technique</i> , 2019 , 82, 1779-1786	2.8	3
128	Taxonomic significance of caryopsis in subfamily Panicoideae (Poaceae) using scanning electron microscopy and light microscopy. <i>Microscopy Research and Technique</i> , 2019 , 82, 1649-1659	2.8	2
127	Pollen micromorphological analysis of tribe Acacieae (Mimosaceae) with LM and SEM techniques. <i>Microscopy Research and Technique</i> , 2019 , 82, 1610-1620	2.8	4
126	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
125	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
124	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
123	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
122	Systematic approach to the correct identification of <i>Asplenium dalhousiae</i> (Aspleniaceae) with their medicinal uses. <i>Microscopy Research and Technique</i> , 2019 , 82, 459-465	2.8	20
121	Microscopic investigations of some selected species of Papilionaceae through SEM and LM from Skardu valley, northern Pakistan. <i>Microscopy Research and Technique</i> , 2019 , 82, 452-458	2.8	4
120	Intraspecific variation in spermoderm pattern of tribe Acacieae (Mimosoideae) using scanning electron microscopy techniques. <i>Microscopy Research and Technique</i> , 2019 , 82, 114-121	2.8	4
119	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
118	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
117	Scanning Electron Microscopy (SEM) and Light Microscopy (LM)-based Palyno-morphological views of Solanaceae in Western Himalaya. <i>Microscopy Research and Technique</i> , 2019 , 82, 63-74	2.8	2
116	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
115	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
114	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
113	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

112	Pollen morphology of subfamily Caryophylloideae (Caryophyllaceae) and its taxonomic significance. <i>Microscopy Research and Technique</i> , 2018 , 81, 704-715	2.8	52
111	Botany, ethnomedicines, phytochemistry and pharmacology of Himalayan paeony (<i>Paeonia emodi</i> Royle.). <i>Journal of Ethnopharmacology</i> , 2018 , 220, 197-219	5	12
110	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
109	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
108	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
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