

Muhammad Irfan

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.

336
papers

4,539
citations

32
h-index

49
g-index

376
ext. papers

8,172
ext. citations

3.9
avg, IF

6.93
L-index

#	Paper	IF	Citations
336	Three new species of the spider genus Pimoa Chamberlin amp; Ivie, 1943 (Araneae, Pimoidae) from Qinghai-Tibet Plateau of China.. <i>Zootaxa</i> , 2022 , 5092, 318-330	0.5	
335	Six new species of Tonsilla Wang amp; Yin, 1992 (Araneae: Agelenidae) from southern China, with the first description of the male of T. yanlingensis (Zhang, Yin amp; Kim, 2000).. <i>Zootaxa</i> , 2022 , 5091, 357-372	0.5	
334	Valorization of Fruit Peels into Biovanillin and Statistical Optimization of Process Using Enterobacter hormaechei through Solid-State Fermentation. <i>Fermentation</i> , 2022 , 8, 40	4.7	2
333	Renewable and non-renewable energy consumption in Bangladesh: The relative influencing profiles of economic factors, urbanization, physical infrastructure and institutional quality. <i>Renewable Energy</i> , 2022 , 184, 1130-1149	8.1	16
332	Pharmacological actions of Dieckol on modulation of platelet functions and thrombus formation via integrin and cAMP signaling.. <i>Pharmacological Research</i> , 2022 , 177, 106088	10.2	0
331	Analyze the environmental sustainability factors of China: The role of fossil fuel energy and renewable energy. <i>Renewable Energy</i> , 2022 , 187, 390-402	8.1	27
330	Prioritizing and overcoming biomass energy barriers: Application of AHP and G-TOPSIS approaches. <i>Technological Forecasting and Social Change</i> , 2022 , 177, 121524	9.5	18
329	State-of-the-art sustainable approaches for deeper decarbonization in Europe [An endowment to climate neutral vision. <i>Renewable and Sustainable Energy Reviews</i> , 2022 , 159, 112204	16.2	10
328	Lithium hydroxyphenyl propanesulfonate imparts composite solid polymer electrolytes with ultrahigh ionic conductivity for dendrite free lithium batteries. <i>Chemical Engineering Journal</i> , 2022 , 435, 134775	14.7	5
327	The asymmetric nexus between air pollution and COVID-19: Evidence from a non-linear panel autoregressive distributed lag model.. <i>Environmental Research</i> , 2022 , 112848	7.9	14
326	Energy Efficiency in the Post-COVID-19 Era: Exploring the Determinants of Energy-Saving Intentions and Behaviors. <i>Frontiers in Energy Research</i> , 2022 , 9,	3.8	11
325	Analysis of the Impact of Livestock Structure on Carbon Emissions of Animal Husbandry: A Sustainable Way to Improving Public Health and Green Environment.. <i>Frontiers in Public Health</i> , 2022 , 10, 835210	6	6
324	Links among energy intensity, non-linear financial development, and environmental sustainability: New evidence from Asia Pacific Economic Cooperation countries. <i>Journal of Cleaner Production</i> , 2022 , 330, 129747	10.3	10
323	The role of environmental regulation, industrial upgrading, and resource allocation on foreign direct investment: evidence from 276 Chinese cities.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	3
322	Spatial spillovers and threshold effects of internet development and entrepreneurship on green innovation efficiency in China. <i>Technology in Society</i> , 2022 , 68, 101844	6.3	26
321	Modeling consumers' information acquisition and 5G technology utilization: Is personality relevant?. <i>Personality and Individual Differences</i> , 2022 , 188, 111450	3.3	16
320	Multi-objective mutation-enabled adaptive local attractor quantum behaved particle swarm optimisation based optimal sizing of hybrid renewable energy system for smart cities in India. <i>Sustainable Energy Technologies and Assessments</i> , 2022 , 49, 101689	4.7	13

319	Smart IoT and Machine Learning-based Framework for Water Quality Assessment and Device Component Monitoring.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	1
318	Determinants of Social Commerce Usage and Online Impulse Purchase: Implications for Business and Digital Revolution.. <i>Frontiers in Psychology</i> , 2022 , 13, 837042	3.4	7
317	How does telecommunications infrastructure affect eco-efficiency? Evidence from a quasi-natural experiment in China. <i>Technology in Society</i> , 2022 , 101963	6.3	9
316	Asymmetric effects of fine particulate matter and stringency policy on COVID-19 intensity.. <i>International Journal of Environmental Health Research</i> , 2022 , 1-13	3.6	3
315	Recent Trends, Challenges, and Future Aspects of P2P Energy Trading Platforms in Electrical-Based Networks Considering Blockchain Technology: A Roadmap Toward Environmental Sustainability. <i>Frontiers in Energy Research</i> , 2022 , 10,	3.8	3
314	Bioethanol Production Optimization from KOH-Pretreated Bombax ceiba Using Saccharomyces cerevisiae through Response Surface Methodology. <i>Fermentation</i> , 2022 , 8, 148	4.7	1
313	mRNA vaccines for COVID-19 and diverse diseases.. <i>Journal of Controlled Release</i> , 2022 , 345, 314-333	11.7	9
312	Natural resources and financial development: Role of business regulations in testing the resource-curse hypothesis in ASEAN countries. <i>Resources Policy</i> , 2022 , 76, 102612	7.2	12
311	Performance enhancement of latent energy storage system using effective designs of tubes and shell. <i>Energy Reports</i> , 2022 , 8, 3856-3872	4.6	0
310	Forest and mineral volatility and economic performance: Evidence from frequency domain causality approach for global data. <i>Resources Policy</i> , 2022 , 76, 102685	7.2	4
309	Does financial stress wreak havoc on banking, insurance, oil, and gold markets? New empirics from the extended joint connectedness of TVP-VAR model. <i>Resources Policy</i> , 2022 , 77, 102718	7.2	2
308	Retesting the EKC hypothesis through transmission of the ARMEY curve model: an alternative composite model approach with theory and policy implications for NAFTA countries.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	1
307	Exploring the technical and behavioral dimensions of green supply chain management: a roadmap toward environmental sustainability.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	3
306	Green Investment for Sustainable Business Development: The Influence of Policy Instruments on Solar Technology Adoption. <i>Frontiers in Energy Research</i> , 2022 , 10,	3.8	2
305	Designing of a Novel Multi-Antigenic Epitope-Based Vaccine against E. hormaechei: An Intergraded Reverse Vaccinology and Immunoinformatics Approach. <i>Vaccines</i> , 2022 , 10, 665	5.3	4
304	Revisiting economic and non-economic indicators of natural resources: Analysis of developed economies. <i>Resources Policy</i> , 2022 , 77, 102748	7.2	0
303	"CELLULASE PRODUCTION OPTIMIZATION BY BACILLUS AERIUS THROUGH RESPONSE SURFACE METHODOLOGY IN SUBMERGED FERMENTATION ". <i>Cellulose Chemistry and Technology</i> , 2022 , 56, 321-330	3.0	1
302	Another outlook to sector-level energy consumption in Pakistan from dominant energy sources and correlation with economic growth. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 33735-33750	5.1	27

301	Interventions for the Current COVID-19 Pandemic: Frontline Workers' Intention to Use Personal Protective Equipment.. <i>Frontiers in Public Health</i> , 2021 , 9, 793642	6	7
300	Chlorophyll Fluorescence Imaging-Based Duckweed Phenotyping to Assess Acute Phytotoxic Effects.. <i>Plants</i> , 2021 , 10,	4.5	6
299	Impact of renewable energy consumption, financial development and natural resources on environmental degradation in OECD countries with dynamic panel data. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	21
298	Do Tourism Development, Energy Consumption and Transportation Demolish Sustainable Environments? Evidence from Chinese Provinces. <i>Sustainability</i> , 2021 , 13, 12361	3.6	13
297	Disease-related income and economic productivity loss in New Zealand: A longitudinal analysis of linked individual-level data. <i>PLoS Medicine</i> , 2021 , 18, e1003848	11.6	0
296	The dynamics of public spending on sustainable green economy: role of technological innovation and industrial structure effects. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	9
295	Evaluating Green Technology Strategies for the Sustainable Development of Solar Power Projects: Evidence from Pakistan. <i>Sustainability</i> , 2021 , 13, 12997	3.6	17
294	Linking energy transitions, energy consumption, and environmental sustainability in OECD countries. <i>Gondwana Research</i> , 2021 ,	5.1	14
293	Role and Perspectives of Inflammation and C-Reactive Protein (CRP) in Psychosis: An Economic and Widespread Tool for Assessing the Disease. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
292	"Allergic bronchopulmonary aspergillosis misdiagnosed as smear negative pulmonary tuberculosis; a retrospective study from Pakistan". <i>Annals of Medicine and Surgery</i> , 2021 , 72, 103045	2	2
291	A novel Sustainable Development Goal 7 composite index as the paradigm for energy sustainability assessment: A case study from Europe. <i>Applied Energy</i> , 2021 , 118173	10.7	15
290	An Effective Coordination Setting for Directional Overcurrent Relays Using Modified Harris Hawk Optimization. <i>Electronics (Switzerland)</i> , 2021 , 10, 3007	2.6	1
289	Regulation of MYB Transcription Factors of Anthocyanin Synthesis in Lily Flowers.. <i>Frontiers in Plant Science</i> , 2021 , 12, 761668	6.2	3
288	The Psychological Impact of Coronavirus on University Students and its Socio-Economic Determinants in Malaysia. <i>Inquiry (United States)</i> , 2021 , 58, 469580211056217	1.4	6
287	ISOLATION OF CELLULOLYTIC BACTERIA FROM SOIL AND VALORIZATION OF DIFFERENT LIGNOCELLULOSIC WASTES FOR CELLULASE PRODUCTION BY SUBMERGED FERMENTATION. <i>Cellulose Chemistry and Technology</i> , 2021 , 55, 821-828	1.9	3
286	Thermostable trypsin-like protease by <i>Penicillium roqueforti</i> secreted in cocoa shell fermentation: Production optimization, characterization, and application in milk clotting. <i>Biotechnology and Applied Biochemistry</i> , 2021 ,	2.8	5
285	Reinvestigating the Environmental Kuznets Curve (EKC) hypothesis by a composite model constructed on the Arme y curve hypothesis with government spending for the US States. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	11
284	The role of innovation investment and institutional quality on green total factor productivity: evidence from 46 countries along the "Belt and Road". <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	10

283	The impact of internet development on the health of Chinese residents: Transmission mechanisms and empirical tests. <i>Socio-Economic Planning Sciences</i> , 2021 , 101178	3.7	13
282	Alpha Solanine: A Novel Natural Bioactive Molecule with Anticancer Effects in Multiple Human Malignancies. <i>Nutrition and Cancer</i> , 2021 , 73, 1541-1552	2.8	3
281	Evaluation of Cadmium Chloride-Induced Toxicity in Chicks Via Hematological, Biochemical Parameters, and Cadmium Level in Tissues. <i>Biological Trace Element Research</i> , 2021 , 199, 3457-3469	4.5	3
280	Addressing the effect of climate change in the framework of financial and technological development on cereal production in Pakistan. <i>Journal of Cleaner Production</i> , 2021 , 288, 125637	10.3	36
279	Post COVID-19 tuberculosis: An emerging threat of pandemic. <i>Monaldi Archives for Chest Disease</i> , 2021 , 91,	2.7	2
278	Do inward foreign direct investment and economic development improve local environmental quality: aggregation bias puzzle. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 34676-34696	5.1	24
277	Enhanced interlaminar shear and impact performance of woven carbon/epoxy composites interleaved with needle punched high performance polyethylene fiber nonwoven. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 50683	2.9	1
276	Exploring the new potential antiviral constituents of Moringa oliefera for SARS-COV-2 pathogenesis: An molecular docking and dynamic studies. <i>Chemical Physics Letters</i> , 2021 , 767, 138379	2.5	22
275	The global research trend on cadmium in freshwater: a bibliometric review. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	4
274	A comprehensive review on anticancer mechanism of bazedoxifene. <i>Biotechnology and Applied Biochemistry</i> , 2021 ,	2.8	3
273	Assessing Public Willingness to Wear Face Masks during the COVID-19 Pandemic: Fresh Insights from the Theory of Planned Behavior. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	32
272	The Nexus between Team Culture, Innovative Work Behaviour and Tacit Knowledge Sharing: Theory and Evidence. <i>Sustainability</i> , 2021 , 13, 4333	3.6	5
271	Do economic openness and electricity consumption matter for environmental deterioration: silver bullet or a stake?. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 54069-54084	5.1	7
270	Do Financial Development and Economic Openness Matter for Economic Progress in an Emerging Country? Seeking a Sustainable Development Path. <i>Journal of Risk and Financial Management</i> , 2021 , 14, 237	2.4	16
269	Household head's educational level and household education expenditure in China: The mediating effect of social class identification. <i>International Journal of Educational Development</i> , 2021 , 83, 102400	1.6	11
268	A hover view over effectual approaches on pandemic management for sustainable cities - The endowment of prospective technologies with revitalization strategies.. <i>Sustainable Cities and Society</i> , 2021 , 68, 102789	10.1	36
267	Experimental Study on Endurance Performance of Lime and Cement-Treated Cohesive Soil. <i>KSCE Journal of Civil Engineering</i> , 2021 , 25, 3306-3318	1.9	3
266	Melting performance enhancement of a phase change material using branched fins and nanoparticles for energy storage applications. <i>Journal of Energy Storage</i> , 2021 , 38, 102513	7.8	16

265	Nexus between air pollution and NCOV-2019 in China: Application of negative binomial regression analysis. <i>Chemical Engineering Research and Design</i> , 2021 , 150, 557-565	5.5	81
264	Does temperature matter for COVID-19 transmissibility? Evidence across Pakistani provinces. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 59705-59719	5.1	22
263	Investigating the myth of smokeless industry: environmental sustainability in the ASEAN countries and the role of service sector and renewable energy. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 55344-55361	5.1	9
262	Intention-Based Critical Factors Affecting Willingness to Adopt Novel Coronavirus Prevention in Pakistan: Implications for Future Pandemics. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	22
261	Towards environmental Sustainability: Devolving the influence of carbon dioxide emission to population growth, climate change, Forestry, livestock and crops production in Pakistan. <i>Ecological Indicators</i> , 2021 , 125, 107460	5.8	65
260	Temperature-Sensitive Holograms with Switchable Memory. <i>Advanced Photonics Research</i> , 2021 , 2, 2100062	0.62	0
259	Assessment of the public acceptance and utilization of renewable energy in Pakistan. <i>Sustainable Production and Consumption</i> , 2021 , 27, 312-324	8.2	64
258	Consumers' intention-based influence factors of renewable energy adoption in Pakistan: a structural equation modeling approach. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 432-445	5.1	51
257	UV-B (ultraviolet-B) emitting Gd ³⁺ activated Ba ₂ SiO ₄ phosphor prepared by sol-gel method. <i>Optik</i> , 2021 , 225, 165442	2.5	2
256	Heterogeneous effects of energy efficiency and renewable energy on economic growth of BRICS countries: A fixed effect panel quantile regression analysis. <i>Energy</i> , 2021 , 215, 119019	7.9	51
255	PVP-bridged LiAlO ₂ nanolayer on Li _{1.2} Ni _{0.182} Co _{0.08} Mn _{0.538} O ₂ cathode materials for improving the rate capability and cycling stability. <i>Chemical Engineering Science</i> , 2021 , 229, 116126	4.4	10
254	Analysis on barriers to biogas dissemination in Rwanda: AHP approach. <i>Renewable Energy</i> , 2021 , 163, 1127-1137	8.1	32
253	Melting performance enhancement of PCM based thermal energy storage system using multiple tubes and modified shell designs. <i>Journal of Energy Storage</i> , 2021 , 33, 102161	7.8	21
252	Luminescence and EPR studies of UVB emitting YPO ₄ doped with Gd ³⁺ ions. <i>Optik</i> , 2021 , 225, 165804	2.5	1
251	The spatial spillover effect and nonlinear relationship analysis between environmental decentralization, government corruption and air pollution: Evidence from China. <i>Science of the Total Environment</i> , 2021 , 763, 144183	10.2	37
250	Hispidulin: A novel natural compound with therapeutic potential against human cancers. <i>Phytotherapy Research</i> , 2021 , 35, 771-789	6.7	6
249	Identification of bioactive compounds in leaves and fruits of <i>Actinidia arguta</i> accessions from northeastern China and assessment of their antioxidant activity with a radical-scavenging effect. <i>Biotechnology and Biotechnological Equipment</i> , 2021 , 35, 593-607	1.6	1
248	Dynamic Causal Linkages Among Urbanization, Energy Consumption, Pollutant Emissions and Economic Growth in China 2021 , 90-105		2

247	Role of Project Planning and Project Manager Competencies on Public Sector Project Success. <i>Sustainability</i> , 2021 , 13, 1421	3.6	6
246	Asymmetric investigation to track the effect of urbanization, energy utilization, fossil fuel energy and CO emission on economic efficiency in China: another outlook. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 17319-17330	5.1	64
245	Convergence analysis of the ecological footprint: theory and empirical evidence from the USMCA countries. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 32648	5.1	22
244	Recent advances in high performance conducting solid polymer electrolytes for lithium-ion batteries. <i>Journal of Power Sources</i> , 2021 , 486, 229378	8.9	10
243	The increases and decreases of the environment Kuznets curve (EKC) for 8 OECD countries. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 28535-28543	5.1	37
242	Energy structure, digital economy, and carbon emissions: evidence from China. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 64606-64629	5.1	48
241	Treating Postpartum Depression: What Do We Know about Brexanolone?. <i>Diseases (Basel, Switzerland)</i> , 2021 , 9,	4.4	2
240	pH responsive switchable protein adsorption properties of poly(2-methyl-2-oxazoline)/ poly(4-vinyl pyridine) based coatings: Influence of poly(4-vinyl pyridine) chain length and ionic strength. <i>Progress in Organic Coatings</i> , 2021 , 157, 106307	4.8	0
239	Review of the spider genus <i>Ectatosticta</i> Simon, 1892 (Araneae: Hypochilidae) with description of four new species from China. <i>Zootaxa</i> , 2021 , 5016, 523-542	0.5	1
238	Further revision of the mesh-web spider genus <i>Taira</i> Lehtinen, 1967 (Amaurobiidae), with the description of six new species. <i>Zootaxa</i> , 2021 , 5020, 457-488	0.5	
237	Understanding the Antecedents and Consequences of Service-Sales Ambidexterity: A Motivation-Opportunity-Ability (MOA) Framework. <i>Sustainability</i> , 2021 , 13, 9675	3.6	25
236	Assessment of public intention to get vaccination against COVID-19: Evidence from a developing country. <i>Journal of Evaluation in Clinical Practice</i> , 2021 ,	2.5	19
235	Do Perceived Risk, Perception of Self-Efficacy, and Openness to Technology Matter for Solar PV Adoption? An Application of the Extended Theory of Planned Behavior. <i>Energies</i> , 2021 , 14, 5008	3.1	39
234	Dynamic Multimodal Response of Bender Element Transmitter. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2021 , 147, 04021073	3.4	1
233	Does energy trilemma a driver of economic growth? The roles of energy use, population growth, and financial development. <i>Renewable and Sustainable Energy Reviews</i> , 2021 , 146, 111157	16.2	47
232	Valorization of banana peels waste into biovanillin and optimization of process parameters using submerged fermentation. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021 , 36, 102154	4.2	7
231	Analysis of the mechanism of the impact of internet development on green economic growth: evidence from 269 prefecture cities in China. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	22
230	Interventions to mitigate indoor air pollution: A cost-benefit analysis. <i>PLoS ONE</i> , 2021 , 16, e0257543	3.7	1

229	Analysis of flavonoids biosynthesis-related genes expression reveals the mechanism of difference of flavonoid content in different tissues of <i>Actinidia arguta</i> . <i>Revista Brasileira De Botanica</i> , 2021 , 44, 513-523	1.2	0
228	Asymmetric impact of temperature on COVID-19 spread in India: Evidence from quantile-on-quantile regression approach. <i>Journal of Thermal Biology</i> , 2021 , 104, 103101	2.9	20
227	Energy consumption structural adjustment and carbon neutrality in the post-COVID-19 era.. <i>Structural Change and Economic Dynamics</i> , 2021 , 59, 442-453	4.5	27
226	An Optimized Adaptive Protection Scheme for Numerical and Directional Overcurrent Relay Coordination Using Harris Hawk Optimization. <i>Energies</i> , 2021 , 14, 5603	3.1	3
225	Performance enhancement of double-wall-heated rectangular latent thermal energy storage unit through effective design of fins. <i>Case Studies in Thermal Engineering</i> , 2021 , 27, 101339	5.6	2
224	Relating consumers' information and willingness to buy electric vehicles: Does personality matter?. <i>Transportation Research, Part D: Transport and Environment</i> , 2021 , 100, 103049	6.4	28
223	Dominant roles of eccentricity, fin design, and nanoparticles in performance enhancement of latent thermal energy storage unit. <i>Journal of Energy Storage</i> , 2021 , 43, 103181	7.8	2
222	Investigating the asymmetric linkages between infrastructure development, green innovation, and consumption-based material footprint: Novel empirical estimations from highly resource-consuming economies. <i>Resources Policy</i> , 2021 , 74, 102302	7.2	64
221	Role of core structural genes for flavonoid biosynthesis and transcriptional factors in flower color of plants. <i>Biotechnology and Biotechnological Equipment</i> , 2021 , 35, 1214-1229	1.6	2
220	Hydrogeochemical Investigation of Elevated Arsenic Based on Entropy Modeling, in the Aquifers of District Sanghar, Sindh, Pakistan. <i>Water (Switzerland)</i> , 2021 , 13, 3477	3	2
219	AnDHN, a Dehydrin Protein From , Mitigates the Negative Effects of Drought Stress in Plants.. <i>Frontiers in Plant Science</i> , 2021 , 12, 788938	6.2	1
218	and -Specific IgG Cut-Offs for the Diagnosis of Chronic Pulmonary Aspergillosis in Pakistan. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020 , 6,	5.6	1
217	Electrodialytic Desalination of Tobacco Sheet Extract: Membrane Fouling Mechanism and Mitigation Strategies. <i>Membranes</i> , 2020 , 10,	3.8	6
216	Effect of Elastane Parameters on the Dimensional and Mechanical Properties of Stretchable Denim Fabrics. <i>Clothing and Textiles Research Journal</i> , 2020 , 0887302X2096881	0.7	
215	Cardiac toxicity of heavy metals (cadmium and mercury) and pharmacological intervention by vitamin C in rabbits. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 29266-29279	5.1	16
214	Effectiveness of a culturally adapted cognitive behavioural therapy-based guided self-help (CACBT-GSH) intervention to reduce social anxiety and enhance self-esteem in adolescents: a randomized controlled trial from Pakistan. <i>Behavioural and Cognitive Psychotherapy</i> , 2020 , 48, 503-514	2.1	3
213	On the ultraviolet B emissions of CaLaB7O13:Gd ³⁺ phosphor. <i>Optik</i> , 2020 , 217, 164880	2.5	0
212	Investigating the Influence of International Tourism in Pakistan and Its Linkage to Economic Growth: Evidence From ARDL Approach. <i>SAGE Open</i> , 2020 , 10, 215824402093252	1.5	10

211	Modeling the Impact of Modified Inertia Coefficient (H) due to ESS in Power System Frequency Response Analysis. <i>Energies</i> , 2020 , 13, 902	3.1	2
210	Influence of Coarse-Aggregate Angularity on Asphalt Mixture Macroporosity: Skid Resistance, High-Temperature, and Compaction Performance. <i>Journal of Materials in Civil Engineering</i> , 2020 , 32, 04020095	3.0	14
209	Enhanced remediation of Cr ⁶⁺ in bacterial-assisted floating wetlands. <i>Water and Environment Journal</i> , 2020 , 34, 970-978	1.7	4
208	An unintended challenge of microplastic pollution in the urban surface water system of Lahore, Pakistan. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 16718-16730	5.1	25
207	Ammonia capture from wastewater with a high ammonia nitrogen concentration by water splitting and hollow fiber extraction. <i>Chemical Engineering Science</i> , 2020 , 227, 115934	4.4	14
206	In-Situ Combination of Bipolar Membrane Electrodialysis with Monovalent Selective Anion-Exchange Membrane for the Valorization of Mixed Salts into Relatively High-Purity Monoprotic and Diprotic Acids. <i>Membranes</i> , 2020 , 10,	3.8	5
205	Does electricity production from different sources in Pakistan have dominant contribution to economic growth? Empirical evidence from long-run and short-run analysis. <i>Electricity Journal</i> , 2020 , 33, 106717	2.6	9
204	Analysis of Germin-like Protein Genes (OsGLPs) Family in Rice Using Various In silico Approaches. <i>Current Bioinformatics</i> , 2020 , 15, 17-33	4.7	8
203	3D porous nanostructured NiN-CoN as a robust electrode material for glucose fuel cell. <i>RSC Advances</i> , 2020 , 10, 6444-6451	3.7	14
202	Post tuberculosis treatment infectious complications. <i>International Journal of Infectious Diseases</i> , 2020 , 92S, S41-S45	10.5	10
201	Ultraviolet (UV)-B radiation from Gd ³⁺ activated Li ₂ MgSiO ₄ ceramics. <i>Optik</i> , 2020 , 207, 164475	2.5	5
200	Sexual Abstinence and Associated Factors Among Young and Middle-Aged Men: A Systematic Review. <i>Journal of Sexual Medicine</i> , 2020 , 17, 412-430	1.1	3
199	Ultra-violet B emitting Gd ³⁺ doped LaP ₃ O ₉ phosphors prepared by co-precipitation procedure. <i>Optik</i> , 2020 , 206, 164239	2.5	0
198	UVB-emitting gadolinium-doped Ba ₂ YZrO ₆ perovskite ceramic phosphor. <i>Optik</i> , 2020 , 206, 164263	2.5	4
197	Project Management Maturity and Organizational Reputation: A Case Study of Public Sector Organizations. <i>IEEE Access</i> , 2020 , 8, 73828-73842	3.5	5
196	Does carbon dioxide, methane, nitrous oxide, and GHG emissions influence the agriculture? Evidence from China. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 28768-28779	5.1	21
195	Utilization of fruit wastes for enzyme production in submerged fermentation. <i>International Journal of Biology and Chemistry</i> , 2020 , 13,	1.2	2
194	Determinants of labor productivity for building projects in Pakistan. <i>Journal of Construction Engineering Management & Innovation</i> , 2020 , 3, 85-100	2.6	2

193	Etiology, Clinical, Radiological, and Microbiological Profile of Patients with Non-cystic Fibrosis Bronchiectasis at a Tertiary Care Hospital of Pakistan. <i>Cureus</i> , 2020 , 12, e7208	1.2	2
192	An Overview of Production and Industrial Exploitation of Bacterial Laccases. <i>Punjab University Journal of Zoology</i> , 2020 , 35,	1.1	2
191	Pseudorandom Number Generator (PRNG) Design Using Hyper-Chaotic Modified Robust Logistic Map (HC-MRLM). <i>Electronics (Switzerland)</i> , 2020 , 9, 104	2.6	14
190	PL and EPR characteristics of Gd ³⁺ -activated SrMgSi ₂ O ₆ phosphor prepared by sol-gel procedure. <i>Optik</i> , 2020 , 204, 164157	2.5	1
189	Luminescence and EPR properties of UVB emitting Gd doped NaBaPO ₄ phosphor prepared by co-precipitation method. <i>Optik</i> , 2020 , 206, 164086	2.5	4
188	Electrical resistive heating characterization of conductive hybrid staple spun yarns. <i>Journal of the Textile Institute</i> , 2020 , 111, 1481-1488	1.5	5
187	Photoluminescence and EPR studies of narrowband ultraviolet B emitting trivalent gadolinium activated CaLaAl ₃ O ₇ phosphors. <i>Optik</i> , 2020 , 206, 163978	2.5	1
186	Photoluminescence and electron spin resonance study on narrow-band UVB emitting Gd-doped LaPO ₄ phosphors. <i>Optik</i> , 2020 , 206, 164020	2.5	4
185	Assessing the energy dynamics of Pakistan: Prospects of biomass energy. <i>Energy Reports</i> , 2020 , 6, 80-93	4.6	75
184	Accuracy of genotype MTBDR line probe assay in patients with tuberculous pleural effusion: comparison with clinical and culture based diagnosis. <i>Infectious Diseases</i> , 2020 , 52, 235-241	3.1	2
183	Integrated metabolic profiling and transcriptome analysis of pigment accumulation in diverse petal tissues in the lily cultivar 'Vivian'. <i>BMC Plant Biology</i> , 2020 , 20, 446	5.3	4
182	Assessment of India's energy dynamics: Prospects of solar energy. <i>Journal of Renewable and Sustainable Energy</i> , 2020 , 12, 053701	2.5	25
181	Competitive assessment of South Asia's wind power industry: SWOT analysis and value chain combined model. <i>Energy Strategy Reviews</i> , 2020 , 32, 100540	9.8	21
180	Spatial distribution of microplastics in soil with context to human activities: a case study from the urban center. <i>Environmental Monitoring and Assessment</i> , 2020 , 192, 671	3.1	19
179	Clinical characteristics and outcomes of patients with H1N1 influenza pneumonia admitted at a tertiary care hospital in Karachi, Pakistan. <i>Pneumonia (Nathan Qld)</i> , 2020 , 12, 5	2.8	1
178	Statistical optimization of cultural parameters for the optimized production of alginic acid using apple (<i>Malus domestica</i>) peels through solid-state fermentation. <i>Biomass Conversion and Biorefinery</i> , 2020 , 1	2.3	5
177	Statistical Optimization of Xylanase from <i>Bacillus licheniformis</i> Using Banana Peels in Submerged Fermentation 2020 , 44, 981-991		2
176	Epidemiology of Male Sexual Dysfunction in Asian and European Regions: A Systematic Review. <i>American Journal of Men's Health</i> , 2020 , 14, 1557988320937200	2.2	16

175	Development of Kapok/Recycled-PET Blended Needle-Punched Thermal Waddings. <i>Journal of Natural Fibers</i> , 2020 , 1-9	1.8	5
174	Metoprolol for prophylaxis of postoperative atrial fibrillation in cardiac surgery patients: systematic review and meta-analysis. <i>BMJ Open</i> , 2020 , 10, e038364	3	1
173	Asymmetric link between environmental pollution and COVID-19 in the top ten affected states of US: A novel estimations from quantile-on-quantile approach. <i>Environmental Research</i> , 2020 , 191, 110189	7.9	61
172	Core-crown Quantum Nanoplatelets with Favorable Type-II Heterojunctions Boost Charge Separation and Photocatalytic NO Oxidation on TiO ₂ . <i>ChemCatChem</i> , 2020 , 12, 6329-6343	5.2	6
171	Engineering drought tolerance in plants by modification of transcription and signalling factors. <i>Biotechnology and Biotechnological Equipment</i> , 2020 , 34, 781-789	1.6	8
170	Efficacy of Aspirin for Vasculogenic Erectile Dysfunction in Men: A Meta-Analysis of Randomized Control Trials. <i>American Journal of Men's Health</i> , 2020 , 14, 1557988320969082	2.2	1
169	The impact of data noise on permanent deformation behaviour of asphalt concrete mixtures. <i>International Journal of Pavement Engineering</i> , 2020 , 21, 1470-1481	2.6	3
168	Novel evaluation of bender element transmitter response in transparent soil. <i>Geotechnique</i> , 2020 , 70, 187-198	3.4	7
167	Electro-nanofiltration membranes with positively charged polyamide layer for cations separation. <i>Journal of Membrane Science</i> , 2020 , 594, 117453	9.6	30
166	Self-organized nanostructured anion exchange membranes for acid recovery. <i>Chemical Engineering Journal</i> , 2020 , 382, 122838	14.7	27
165	Novel electro dialysis membranes with hydrophobic alkyl spacers and zwitterion structure enable high monovalent/divalent cation selectivity. <i>Chemical Engineering Journal</i> , 2020 , 383, 123171	14.7	26
164	Enhancement of photocatalytic NO _x abatement on titania via additional metal oxide NO _x -storage domains: Interplay between surface acidity, specific surface area, and humidity. <i>Applied Catalysis B: Environmental</i> , 2020 , 263, 118227	21.8	8
163	Underlying Conditions and Clinical Spectrum of Chronic Pulmonary Aspergillosis (CPA): An Experience from a Tertiary Care Hospital in Karachi, Pakistan. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020 , 6,	5.6	6
162	The influence of consumers' intention factors on willingness to pay for renewable energy: a structural equation modeling approach. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 21747-21761	5.7	48
161	Effects of gradient concentration on the microstructure and electrochemical performance of LiNi _{0.6} Co _{0.2} Mn _{0.2} O ₂ cathode materials. <i>Frontiers of Chemical Science and Engineering</i> , 2020 , 14, 988-996	4.5	3
160	Effect of Long-Term Fertilization on Ammonia-Oxidizing Microorganisms and Nitrification in Brown Soil of Northeast China. <i>Frontiers in Microbiology</i> , 2020 , 11, 622454	5.7	2
159	Factors influencing individuals' intention to adopt mobile banking in China and Pakistan: The moderating role of cultural values. <i>Journal of Public Affairs</i> , 2019 , 19, e1884	1.3	14
158	Two new species of Theridiidae (Arachnida, Araneae) from Yunnan province, China. <i>Journal of Asia-Pacific Biodiversity</i> , 2019 , 12, 394-399	0.6	0

157	Critical factors influencing wind power industry: A diamond model based study of India. <i>Energy Reports</i> , 2019 , 5, 1222-1235	4.6	50
156	Poly(2-methyl-2-oxazoline) and poly(4-vinyl pyridine) based mixed brushes with switchable ability toward protein adsorption. <i>European Polymer Journal</i> , 2019 , 120, 109199	5.2	7
155	Cultural adaptation of cognitive behavioural therapy (CBT) for patients with depression and anxiety in Saudi Arabia and Bahrain: a qualitative study exploring views of patients, carers, and mental health professionals. <i>The Cognitive Behaviour Therapist</i> , 2019 , 12,	2.9	4
154	Hydrophobic Side Chains Impart Anion Exchange Membranes with High Monovalent/Divalent Anion Selectivity in Electrodialysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 4429-4442	8.3	37
153	Role of Bioprocess Parameters to Improve Cellulase Production: Part I 2019 , 63-76		2
152	Zwitterion structure membrane provides high monovalent/divalent cation electrodialysis selectivity: Investigating the effect of functional groups and operating parameters. <i>Journal of Membrane Science</i> , 2019 , 588, 117211	9.6	21
151	Performance Test on Styrene-Butadiene-Styrene (SBS) Modified Asphalt Based on the Different Evaluation Methods. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 467	2.6	14
150	Antibacterial nanostructured composite coating on high performance Vectran fabric for aerospace structures. <i>Surface and Coatings Technology</i> , 2019 , 373, 47-55	4.4	12
149	Three new species of Phrurolithus Koch, 1839 (Araneae, Phrurolithidae) from the Wuling Mountains, China. <i>Journal of Asia-Pacific Biodiversity</i> , 2019 , 12, 173-180	0.6	
148	Redescription of Cheiracanthium rupicola (Thorell, 1897) (Araneae, Cheiracanthiidae) with the first description of the male from Yunnan, China. <i>Journal of Asia-Pacific Biodiversity</i> , 2019 , 12, 316-319	0.6	1
147	Zi-CAM: A Power and Resource Efficient Binary Content-Addressable Memory on FPGAs. <i>Electronics (Switzerland)</i> , 2019 , 8, 584	2.6	8
146	Two new species of Theridiidae Sundevall, 1833, (Arachnida, Araneae) from the Wuling Mountain, China. <i>Journal of Asia-Pacific Biodiversity</i> , 2019 , 12, 165-172	0.6	
145	Online Self-Disclosure Through Social Networking Sites Addiction: A Case Study of Pakistani University Students. <i>Interdisciplinary Description of Complex Systems</i> , 2019 , 17, 187-208	0.4	12
144	Wind Energy Development in South Asia: Status, Potential and Policies 2019 ,		11
143	Processing of metallic fiber hybrid spun yarns for better electrical conductivity. <i>Materials and Manufacturing Processes</i> , 2019 , 34, 1008-1015	4.1	10
142	Empirics on influencing mechanisms among energy, finance, trade, environment, and economic growth: a heterogeneous dynamic panel data analysis of China. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 14148-14170	5.1	51
141	The Effect of Project Management Capabilities on Project Success in Pakistan: An Empirical Investigation. <i>IEEE Access</i> , 2019 , 7, 39417-39431	3.5	15
140	Rutting and Fatigue Properties of Cellulose Fiber-Added Stone Mastic Asphalt Concrete Mixtures. <i>Advances in Materials Science and Engineering</i> , 2019 , 2019, 1-8	1.5	14

139	Macaroon-like FeCo ₂ O ₄ modified activated carbon anode for enhancing power generation in direct glucose fuel cell. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 8178-8187	6.7	20
138	Antecedents of task performance: An examination of transformation leadership, team communication, team creativity, and team trust. <i>Journal of Public Affairs</i> , 2019 , 19, e1927	1.3	5
137	Enhanced photocatalytic NO _x oxidation and storage under visible-light irradiation by anchoring Fe ₃ O ₄ nanoparticles on mesoporous graphitic carbon nitride (mpg-C ₃ N ₄). <i>Applied Catalysis B: Environmental</i> , 2019 , 249, 126-137	21.8	41
136	Antibacterial, highly hydrophobic and semi transparent Ag/plasma polymer nanocomposite coating on cotton fabric obtained by plasma based co-deposition. <i>Cellulose</i> , 2019 , 26, 8877-8894	5.5	22
135	GIS-based investigation of historic landfill sites in the coastal zones of Wales (UK). <i>Euro-Mediterranean Journal for Environmental Integration</i> , 2019 , 4, 1	1.7	2
134	Action Mechanism of Streptomyces diastatochromogenes KX852460 Against Rhizoctonia solani AG-3 Involving Basidiospores Suppression and Oxidative Damage 2019 , 43, 2141-2147		1
133	Exometabolomic study of extracellular metabolites in tobacco plant induced by ethyl acetate extracts of Streptomyces diastatochromogenes KX852460. <i>Journal of Radiation Research and Applied Sciences</i> , 2019 , 12, 157-165	1.5	0
132	DFT study of the electronic and optical properties of ternary chalcogenides AlX ₂ Te ₄ . <i>Materials Research Express</i> , 2019 , 6, 116314	1.7	13
131	A Techno-Economic Analysis of Off-Grid Solar PV System: A Case Study for Punjab Province in Pakistan. <i>Processes</i> , 2019 , 7, 708	2.9	30
130	Two new species of Dipoena Thorell, 1869 (Araneae, Theridiidae) from Wuling Mountains, China. <i>Turkish Journal of Zoology</i> , 2019 , 43, 598-608	0.7	1
129	Bioinformatics Approaches to Explore the Phylogeny and Role of BRCA1 in Breast Cancer. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2019 , 29, 551-564	1.3	6
128	An Overview of Bacterial Lipases and their Enormous Applications. <i>Punjab University Journal of Zoology</i> , 2019 ,	1.1	3
127	Phylogenetic diversity and cross-inoculation of indigenous isolated from nodules of peanut in Liaoning province of China. <i>Molecular Biology Research Communications</i> , 2019 , 8, 59-68	1.6	1
126	Immunotherapy for Triple-Negative Breast Cancer: Latest Research and Clinical Prospects. <i>Critical Reviews in Immunology</i> , 2019 , 39, 211-221	1.8	1
125	Cation exchange membrane integrated with cationic and anionic layers for selective ion separation via electrodialysis. <i>Desalination</i> , 2019 , 458, 25-33	10.3	25
124	Vulnerability of Environmental Resources in Indus Basin after the Development of Irrigation System 2019 ,		5
123	Analysing UTAUT with trust toward mobile banking adoption in China and Pakistan: extending with the effect of power distance and uncertainty avoidance. <i>International Journal of Financial Innovation in Banking</i> , 2019 , 2, 183	0.5	2
122	Angiotensin Receptor Blockers for Erectile Dysfunction in Hypertensive Men: A Brief Meta-Analysis of Randomized Control Trials. <i>American Journal of Men's Health</i> , 2019 , 13, 1557988319892735	2.2	4

121	Competitive assessment of Indian wind power industry: A five forces model. <i>Journal of Renewable and Sustainable Energy</i> , 2019 , 11, 063301	2.5	31
120	Chlorella-derived porous heteroatom-doped carbons as robust catalysts for oxygen reduction reaction in direct glucose alkaline fuel cell. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 2823-2831	6.7	13
119	Generation of polarization enhanced THz waves from holey nitrogenated graphene. <i>Optik</i> , 2019 , 178, 712-716	2.5	
118	Effect of Fermentation Broth of Endophytic Fungi on Physiological and Biochemical Characteristics of Tomato Seedling Under Calcium Nitrate Stress 2019 , 43, 1427-1432		3
117	Pectinase Production from <i>Schizophyllum commune</i> Through Central Composite Design Using Citrus Waste and Its Immobilization for Industrial Exploitation. <i>Waste and Biomass Valorization</i> , 2019 , 10, 2527-2536	3.2	25
116	Augmenting acid recovery from different systems by novel Q-DAN anion exchange membranes via diffusion dialysis. <i>Separation and Purification Technology</i> , 2018 , 201, 336-345	8.3	24
115	On the tunneling time of ultracold atoms through a system of two mazer cavities. <i>Scientific Reports</i> , 2018 , 8, 1864	4.9	4
114	Effect of Different Pretreatment Conditions on <i>Saccharum spontaneum</i> for Cellulase Production by <i>B. subtilis</i> K-18 Through Box-Behnken Design 2018 , 42, 313-320		2
113	Investigation of near-infrared luminescence in Er ³⁺ and Er ³⁺ /Yb ³⁺ co-doped ZnMgAl ₁₀ O ₁₇ phosphors. <i>Optik</i> , 2018 , 158, 1283-1288	2.5	4
112	Nickle-cobalt composite catalyst-modified activated carbon anode for direct glucose alkaline fuel cell. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 1805-1815	6.7	47
111	Production of bioethanol from sugarcane bagasse using yeast strains: A kinetic study. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2018 , 40, 364-372	1.6	10
110	Tailoring supercurrent confinement in graphene bilayer weak links. <i>Nature Communications</i> , 2018 , 9, 1722	17.4	8
109	Revisiting the relationship of dynamic and resilient modulus test for asphaltic concrete mixtures. <i>Construction and Building Materials</i> , 2018 , 170, 698-707	6.7	12
108	Development and Performance Evaluation of Disk-Type Piezoelectric Transducer for Measurement of Shear and Compression Wave Velocities in Soil. <i>Journal of Earthquake Engineering</i> , 2018 , 22, 147-171	1.8	6
107	Kallar grass (<i>Leptochloa fusca</i> L. Kunth) as a feedstock for ethanol fermentation with the aid of response surface methodology. <i>Environmental Progress and Sustainable Energy</i> , 2018 , 37, 569-576	2.5	3
106	Statistical modeling and optimization of pretreatment of <i>Bombax ceiba</i> with KOH through Box-Behnken design of response surface methodology. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2018 , 40, 1114-1124	1.6	6
105	Unravelling the Fuzzy Effect of Economic, Social and Environmental Sustainability on the Corporate Reputation of Public-Sector Organizations: A Case Study of Pakistan. <i>Sustainability</i> , 2018 , 10, 769	3.6	15
104	Rheological Behavior and Sensitivity of Wood-Derived Bio-Oil Modified Asphalt Binders. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 919	2.6	35

103	Feasibility of Using Elastic Wave Velocity Monitoring for Early Warning of Rainfall-Induced Slope Failure. <i>Sensors</i> , 2018 , 18,	3.8	12
102	RSM based optimization of nutritional conditions for cellulase mediated Saccharification by. <i>Journal of Biological Engineering</i> , 2018 , 12, 7	6.3	23
101	Self-processing photopolymer materials for versatile design and fabrication of holographic sensors and interactive holograms. <i>Applied Optics</i> , 2018 , 57, E173-E183	1.7	17
100	A front tracking method for particle-resolved simulation of evaporation and combustion of a fuel droplet. <i>Computers and Fluids</i> , 2018 , 174, 283-299	2.8	8
99	Fast photocatalytic degradation of dyes using low-power laser-fabricated CuO-Cu nanocomposites.. <i>RSC Advances</i> , 2018 , 8, 20277-20286	3.7	50
98	Ethnobotanical survey of the flora of Maidan Valley, Lower Dir District, Khyber Pakhtunkhwa Province, Pakistan. <i>Plant Science Today</i> , 2018 , 5, 68-71	2.2	4
97	Experimental and statistical study for leaching of niobium pentoxide from Pakistani ore. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2018 , 24, 51-58	0.7	5
96	Concentration of cane-sugar syrup in a pilot scale climbing film evaporator. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2018 , 24, 43-50	0.7	2
95	Finding Space to Grow Urban Hedges as a Natural Air Filter Along Pedestrian Paths: A GIS Based Investigation of Cardiff City Centre, Wales. <i>Advances in Science, Technology and Innovation</i> , 2018 , 1721-1722	0.3	2
94	High performance anion exchange membrane with proton transport pathways for diffusion dialysis. <i>Separation and Purification Technology</i> , 2018 , 193, 11-20	8.3	35
93	Investigating the employee work performance in task interdependence and ESM environment. <i>International Journal of Information Systems and Change Management</i> , 2018 , 10, 266	0.3	12
92	Geotechnical Properties of Effluent-Contaminated Cohesive Soils and Their Stabilization Using Industrial By-Products. <i>Processes</i> , 2018 , 6, 203	2.9	7
91	Finding space to grow urban hedges as a natural air filter along pedestrian paths: a GIS-based investigation of a UK urban centre. <i>Euro-Mediterranean Journal for Environmental Integration</i> , 2018 , 3, 1	1.7	4
90	Characterization of LiMAPK gene in response to salinity stress in Tiger lily (<i>Lilium lancifolium</i> Thunb.). <i>Biotechnology and Biotechnological Equipment</i> , 2018 , 32, 1154-1166	1.6	1
89	Internal and External Phosphorus Requirements for Optimum Grain Yield are Associated with P-utilization Efficiency of Wheat Cultivars. <i>Communications in Soil Science and Plant Analysis</i> , 2018 , 49, 2843-2853	1.5	2
88	Investigation of key process parameters in acid recovery for diffusion dialysis using novel (MDMH-QPPO) anion exchange membranes. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018 , 93, 405-413	5.3	14
87	Psychological Healing in Pakistan: From Sufism to Culturally Adapted Cognitive Behaviour Therapy. <i>Journal of Contemporary Psychotherapy</i> , 2017 , 47, 119-124	2.3	5
86	A front tracking method for direct numerical simulation of evaporation process in a multiphase system. <i>Journal of Computational Physics</i> , 2017 , 337, 132-153	4.1	32

85	Development of novel PVA-QUDAP based anion exchange membranes for diffusion dialysis and theoretical analysis therein. <i>Separation and Purification Technology</i> , 2017 , 178, 269-278	8.3	28
84	Extraction and identification of bioactive compounds (eicosane and dibutyl phthalate) produced by <i>Streptomyces</i> strain KX852460 for the biological control of <i>Rhizoctonia solani</i> AG-3 strain KX852461 to control target spot disease in tobacco leaf. <i>AMB Express</i> , 2017 , 7, 54	4.1	51
83	Antimicrobial functionalization of cotton fabric with silver nanoclusters/silica composite coating via RF co-sputtering technique. <i>Cellulose</i> , 2017 , 24, 2331-2345	5.5	61
82	Screening, identification, optimization of fermentation conditions, and extraction of secondary metabolites for the biocontrol of <i>Rhizoctonia Solani</i> AG-3. <i>Biotechnology and Biotechnological Equipment</i> , 2017 , 31, 91-98	1.6	10
81	Carboxymethyl cellulase production optimization from newly isolated thermophilic <i>Bacillus subtilis</i> K-18 for saccharification using response surface methodology. <i>AMB Express</i> , 2017 , 7, 29	4.1	30
80	Preparation and performance evaluation of novel alkaline stable anion exchange membranes. <i>Journal of Power Sources</i> , 2017 , 355, 171-180	8.9	43
79	Hierarchically structured porous anion exchange membranes containing zwitterionic pores for ion separation. <i>Journal of Membrane Science</i> , 2017 , 537, 32-41	9.6	21
78	Statistical optimization for deconstruction of poplar substrate by dilute sulfuric acid for bioethanol production. <i>Green Chemistry Letters and Reviews</i> , 2017 , 10, 69-79	4.7	2
77	Characterization of antibacterial silver nanocluster/silica composite coating on high performance Kevlar® textile. <i>Surface and Coatings Technology</i> , 2017 , 321, 438-447	4.4	28
76	Empirical Correlation of Permanent Deformation Tests for Evaluating the Rutting Response of Conventional Asphaltic Concrete Mixtures. <i>Journal of Materials in Civil Engineering</i> , 2017 , 29, 04017059	3	19
75	Effects of soil deformation and saturation on elastic wave velocities in relation to prediction of rain-induced landslides. <i>Engineering Geology</i> , 2017 , 230, 84-94	6	21
74	G-AETCAM: Gate-Based Area-Efficient Ternary Content-Addressable Memory on FPGA. <i>IEEE Access</i> , 2017 , 5, 20785-20790	3.5	24
73	Isolation and Identification of Cellulolytic and Ethanogenic Bacteria from Soil 2017 , 41, 551-555		6
72	Characterization of the promoter region of the glycerol-3-phosphate-O-acyltransferase gene in <i>Lilium pensylvanicum</i> . <i>Turkish Journal of Biology</i> , 2017 , 41, 552-562	3.1	1
71	Design and development of a generic spatial decision support system, based on artificial intelligence and multicriteria decision analysis. <i>GeoResJ</i> , 2017 , 14, 47-58		5
70	Effect of KOH Pretreatment on Lignocellulosic Waste to be Used as Substrate for Ethanol Production 2017 , 41, 659-663		5
69	Catalytic Properties of Carboxymethyl Cellulase Produced from Newly Isolated Novel Fungus <i>Penicillium ochrochloron</i> ZH1 in Submerged Fermentation. <i>Catalysis Letters</i> , 2017 , 147, 2013-2022	2.8	1
68	Application of response surface methodology for optimization of medium components for the production of secondary metabolites by <i>Streptomyces diastatochromogenes</i> KX852460. <i>AMB Express</i> , 2017 , 7, 96	4.1	16

67	Potato peels: A potential food waste for amylase production. <i>Journal of Food Process Engineering</i> , 2017 , 40, e12512	2.4	18
66	Comparison of different pretreatment methods for efficient conversion of bagasse into ethanol. <i>Biofuels</i> , 2017 , 8, 135-141	2	2
65	An overview of molecular genetic linkage maps in <i>Lilium</i> spp.. <i>Genetika</i> , 2017 , 49, 755-764	0.6	
64	Effects of exogenous and foliar applications of Brassinosteroid (BRs) and salt stress on the growth, yield and physiological parameters of <i>Lycopersicon esculentum</i> (Mill.). <i>Plant Science Today</i> , 2017 , 4, 88-107	2.2	2
63	<i>Anisochilus carnosus</i> (L. f.) Wall. ex Benth. (Lamiaceae) – a new generic record for Pakistan. <i>Plant Science Today</i> , 2017 , 4, 102-104	2.2	4
62	Traditional medicinal plant knowledge of some spermatophytes of Samar Bagh Valley, Lower Dir District, Pakistan. <i>Plant Science Today</i> , 2017 , 4, 151-153	2.2	3
61	Effect of NaOH on pretreatment of <i>Gossypium herbaceum</i> . <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016 , 38, 1898-1903	1.6	1
60	Enhanced Dissolution of Liquid Microdroplets in the Extensional Creeping Flow of a Hydrodynamic Trap. <i>Langmuir</i> , 2016 , 32, 9460-7	4	10
59	Effects of mode profile on tunneling and traversal of ultracold atoms through vacuum-induced potentials. <i>Optics Communications</i> , 2016 , 365, 157-163	2	8
58	Application of classification based cognitive functional therapy for a patient with lumbar spinal stenosis: A case report. <i>Manual Therapy</i> , 2016 , 23, 124-7		1
57	An updated checklist of Pteridophytes of district Mansehra, Khyber Pukhtunkhwa-Pakistan. <i>Plant Science Today</i> , 2016 , 3, 237	2.2	6
56	Identification of quantitative trait loci for leaf traits in rice. <i>Genetika</i> , 2016 , 48, 643-652	0.6	3
55	Diversity of methane-producing microbial community structure with 16S-V3 rDNA PCR-DGGE. <i>Genetika</i> , 2016 , 48, 1111-1119	0.6	0
54	Production, purification, and characterization of carboxymethyl cellulase from novel strain <i>Bacillus megaterium</i> . <i>Environmental Progress and Sustainable Energy</i> , 2016 , 35, 1741-1749	2.5	10
53	Manipulation of terahertz waves by work function engineering in metal-graphite structures. <i>Applied Physics Letters</i> , 2016 , 108, 161104	3.4	2
52	Statistical Optimization of Saccharification of Alkali Pretreated Wheat Straw for Bioethanol Production. <i>Waste and Biomass Valorization</i> , 2016 , 7, 1389-1396	3.2	27
51	Effect of NaOH on delignification of <i>Saccharum spontaneum</i> . <i>Environmental Progress and Sustainable Energy</i> , 2016 , 35, 284-288	2.5	4
50	Statistical optimization of dilute acid pretreatment of pinus needles to be used as substrate for biofuel production. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016 , 38, 1983-1992	1.6	3

49	Morphological and molecular characterization of <i>Nosema pernyi</i> , a microsporidian parasite in <i>Antheraea pernyi</i> . <i>Parasitology Research</i> , 2015 , 114, 3327-36	2.4	11
48	Realization of quantum gates with multiple control qubits or multiple target qubits in a cavity. <i>Quantum Information Processing</i> , 2015 , 14, 1869-1887	1.6	4
47	Study on the effect of magnetic field treatment of newly isolated <i>Paenibacillus</i> sp. <i>Botanical Studies</i> , 2015 , 56, 2	2.3	5
46	Polarized Terahertz Waves Emitted From In _{0.2} Ga _{0.8} As Nanowires. <i>Journal of Nanoscience and Nanotechnology</i> , 2015 , 15, 6024-7	1.3	3
45	Effect of alkaline pretreatment on delignification of wheat straw. <i>Natural Product Research</i> , 2015 , 29, 125-31	2.3	27
44	Assessment of Microbial Load of Un-pasteurized Fruit Juices and in vitro Antibacterial Potential of Honey Against Bacterial Isolates. <i>Open Microbiology Journal</i> , 2015 , 9, 26-32	0.8	9
43	Kinetics Study of Extracellular Detergent Stable Alkaline Protease from <i>Rhizopus oryzae</i> . <i>Brazilian Archives of Biology and Technology</i> , 2015 , 58, 175-184	1.8	16
42	Characterization of LpGPAT gene in <i>Lilium pensylvanicum</i> and response to cold stress. <i>BioMed Research International</i> , 2015 , 2015, 792819	3	5
41	Production of ethanol from alkali-pretreated sugarcane bagasse under the influence of different process parameters. <i>Frontiers in Life Science: Frontiers of Interdisciplinary Research in the Life Sciences</i> , 2015 , 8, 358-362	0.7	6
40	Effects of the Biocontrol Agent <i>Aspergillus flavipes</i> on the Soil Microflora and Soil Enzymes in the Rooting Zone of Pepper Plants Infected with <i>Phytophthora capsici</i> . <i>Journal of Phytopathology</i> , 2015 , 163, 513-521	1.8	4
39	Construction of a genetic linkage map in <i>Lilium</i> using a RIL mapping population based on SRAP marker. <i>Genetika</i> , 2015 , 47, 425-438	0.6	2
38	Phylogenetic analysis of STK gene family and Usp domain in maize. <i>Molecular Biology Reports</i> , 2014 , 41, 8273-84	2.8	1
37	Essential role of the N- and C-terminals of laccase from <i>Pleurotus florida</i> on the laccase activity and stability. <i>Applied Biochemistry and Biotechnology</i> , 2014 , 174, 2007-17	3.2	7
36	Structure and evolution analysis of pollen receptor-like kinase in <i>Zea mays</i> and <i>Arabidopsis thaliana</i> . <i>Computational Biology and Chemistry</i> , 2014 , 51, 63-70	3.6	3
35	Liquid-Phase Parahydrogen-Induced Polarization (PHIP) with Ligand-Capped Platinum Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 13313-13319	3.8	13
34	Propagation effects of THz waves in InAs-based heterostructures. <i>Journal of Nanoscience and Nanotechnology</i> , 2014 , 14, 5228-31	1.3	2
33	Ethanol production from agricultural wastes using <i>Saccharomyces cerevisiae</i> . <i>Brazilian Journal of Microbiology</i> , 2014 , 45, 457-65	2.2	31
32	Optical influence of annealing in nano- and submicron-scale ZrO ₂ powders. <i>Ceramics International</i> , 2014 , 40, 8513-8518	5.1	20

31	Genetic analysis of chlorophyll content in maize by mixed major and polygene models. <i>Genetika</i> , 2014 , 46, 1037-1046	0.6	2
30	Three-qubit Grover's algorithm using superconducting quantum interference devices in cavity-QED. <i>Quantum Information Processing</i> , 2013 , 12, 3649-3664	1.6	12
29	Factors associated within 28 days in-hospital mortality of patients with acute respiratory distress syndrome. <i>BioMed Research International</i> , 2013 , 2013, 564547	3	8
28	Directional terahertz emission from corrugated InAs structures. <i>Optics Express</i> , 2013 , 21, 19709-17	3.3	5
27	Production of Avermectin B1b From <i>Streptomyces avermitilis</i> 41445 by Batch Submerged Fermentation. <i>Jundishapur Journal of Microbiology</i> , 2013 , 6,	1.2	10
26	Effects of detuning on tunneling and traversal of ultracold atoms through vacuum-induced potentials. <i>Physical Review A</i> , 2013 , 87,	2.6	9
25	Phase change in terahertz waves emitted from differently doped graphite: The role of carrier drift. <i>Applied Physics Letters</i> , 2013 , 103, 201108	3.4	8
24	Coherent control of tunneling and traversal of ultracold atoms through vacuum-induced potentials. <i>Physical Review A</i> , 2013 , 88,	2.6	9
23	Purification and kinetics study of thermostable cellulase free xylanase from <i>Bacillus subtilis</i> . <i>Protein and Peptide Letters</i> , 2013 , 20, 1225-31	1.9	9
22	Multiqubit quantum phase gate using four-level superconducting quantum interference devices coupled to superconducting resonator. <i>Physica C: Superconductivity and Its Applications</i> , 2012 , 477, 24-31 ¹⁻³	1.3	5
21	First Record of <i>Didymella anemones</i> sp. nov. Teleomorph of <i>Ascochyta anemones</i> , the Causal Agent of Leaf Spots on <i>Pulsatilla korreana</i> in China. <i>Journal of Phytopathology</i> , 2012 , 160, 728-731	1.8	1
20	Physical stress may result in growth suppression and pubertal delay in working boys. <i>Journal of Medical Hypotheses and Ideas</i> , 2012 , 6, 35-39		2
19	Isolation and screening of cellulolytic bacteria from soil and optimization of cellulase production and activity. <i>Turkish Journal of Biochemistry</i> , 2012 , 37, 287-293	0.3	50
18	Continuous flow ozonolysis in a laboratory scale reactor. <i>Organic Letters</i> , 2011 , 13, 984-7	6.2	103
17	Scheme for the teleportation of bipartite entangled state of the two cavity modes. <i>Optics Communications</i> , 2011 , 284, 675-680	2	4
16	Heterogeneous catalytic hydrogenation reactions in continuous-flow reactors. <i>ChemSusChem</i> , 2011 , 4, 300-16	8.3	269
15	Tunneling and traversal of ultracold three-level atoms through vacuum-induced potentials. <i>Physical Review A</i> , 2011 , 84,	2.6	13
14	Utilization of agricultural wastes as a substrate for Carboxymethyl cellulase production from <i>Aspergillus niger</i> in submerged fermentation. <i>International Journal for Agro Veterinary and Medical Sciences</i> , 2011 , 5, 464		5

13	Sintered silicon carbide: a new ceramic vessel material for microwave chemistry in single-mode reactors. <i>Chemistry - A European Journal</i> , 2010 , 16, 12182-94	4.8	96
12	Microbial conversion of pomegranate peels to biovanillin using submerged fermentation and process optimization through statistical design. <i>Biomass Conversion and Biorefinery</i> ,1	2.3	2
11	How do green financing and green logistics affect the circular economy in the pandemic situation: key mediating role of sustainable production. <i>Economic Research-Ekonomska Istrazivanja</i> ,1-21	2.5	13
10	Ecofriendly development of electrospun antibacterial membranes loaded with silver nanoparticles. <i>Journal of Industrial Textiles</i> ,152808372110125	1.6	2
9	Assessment of Non-Carcinogenic and Carcinogenic Risks Due to Ingestion of Vegetables Grown Under Sewage Water Irrigated Soils Near a 33 Years Old Landfill Site in Kolkata, India. <i>Exposure and Health</i> ,1	8.8	6
8	Stimulating student's pro-environmental behavior in higher education institutions: an ability-motivation-opportunity perspective. <i>Environment, Development and Sustainability</i> ,1	4.5	4
7	Valorization of potato peel for production of alginate and optimization of the process through response surface methodology (RSM) by using <i>Azotobacter nigrificans</i> . <i>Biomass Conversion and Biorefinery</i> ,1	2.3	2
6	Investigation of the stab resistance mechanism and performance of uncoated and SiO ₂ coated high-performance aramid fabrics. <i>Journal of the Textile Institute</i> ,1-16	1.5	2
5	Novel conducting solid polymer electrolytes with a zwitterionic structure boosting ionic conductivity and retarding lithium dendrite formation. <i>Journal of Materials Chemistry A</i> ,	13	3
4	MEASURING THE IMPACT OF ECONOMIC POLICIES ON CO ₂ EMISSIONS: WAYS TO ACHIEVE GREEN ECONOMIC RECOVERY IN THE POST-COVID-19 ERA. <i>Climate Change Economics</i> ,	0.9	4
3	How public expenditure in recreational and cultural industry and socioeconomic status caused environmental sustainability in OECD countries?. <i>Economic Research-Ekonomska Istrazivanja</i> ,1-18	2.5	6
2	Contrasting response of wheat to one-time root zone fertilization of ordinary and polymer coated urea for grain yield and nitrogen use efficiency. <i>Journal of Plant Nutrition</i> ,1-12	2.3	0
1	Procurement and Characterization of Biodegradable Films made from Blends of Eucalyptus, Pine and Cocoa Bean Shell Nanocelluloses. <i>Waste and Biomass Valorization</i> ,	3.2	1