

Umar Farooq

List of Publications by Year in descending order

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228
papers

4,843
citations

136950

32
h-index

138484

58
g-index

242
all docs

242
docs citations

242
times ranked

6179
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of modification of Haloxylon recurvum biomass on the sorption of acidic dye from aqueous media. Biomass Conversion and Biorefinery, 2024, 14, 4813-4827.	4.6	1
2	Potential of natural ferruginous manganese (NFM) ore as a natural adsorbent for As(III) removal at low concentration. International Journal of Environmental Analytical Chemistry, 2023, 103, 7252-7269.	3.3	2
3	Exploring multi-target inhibitors using <i>in silico</i> approach targeting cell cycle dysregulatorâ€“CDK proteins. Journal of Biomolecular Structure and Dynamics, 2022, 40, 8825-8839.	3.5	3
4	Multi-functional organicâ€“inorganic hydrogel microspheres as efficient catalytic system for reduction of toxic dyes in aqueous medium. Zeitschrift Fur Physikalische Chemie, 2022, 236, 87-105.	2.8	12
5	Garlic (<i>Allium sativum</i> L.): Its Chemistry, Nutritional Composition, Toxicity, and Anticancer Properties. Current Topics in Medicinal Chemistry, 2022, 22, 957-972.	2.1	20
6	Theoretical Approach to Evaluate the Gas-Sensing Performance of Graphene Nanoribbon/Oligothiophene Composites. ACS Omega, 2022, 7, 2260-2274.	3.5	6
7	Chemical remediationâ€“Advanced oxidation process of polychlorinated biphenyls in contaminated soils: a review. Environmental Science and Pollution Research, 2022, 29, 22930-22945.	5.3	12
8	Fluorene-Based Fluorometric and Colorimetric Conjugated Polymers for Sensitive Detection of 2,4,6-Trinitrophenol Explosive in Aqueous Medium. ACS Omega, 2022, 7, 1057-1070.	3.5	45
9	Facile Synthesis of the Shapeâ€“Persistent 4â€“Hydroxybenzaldehyde Based Macrocycles and Exploration of their Key Electronic Properties: An Experimental and DFT Approach. ChemistrySelect, 2022, 7, .	1.5	2
10	Unraveling the possible inhibitors for <i>Chorismate synthase</i> to combat tuberculosis using in silico approach. Journal of Biomolecular Structure and Dynamics, 2022, , 1-8.	3.5	0
11	A simplistic approach to evaluate the power conversion efficiencies for hybrid charge transport layers in open-air fabricated perovskite solar cells. Journal of Materials Research, 2022, 37, 1323-1340.	2.6	7
12	Folecitin Isolated from Hypericum oblongifolium Exerts Neuroprotection against Lipopolysaccharide-Induced Neuronal Synapse and Memory Dysfunction via p-AKT/Nrf-2/HO-1 Signalling Pathway. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-10.	1.2	5
13	Fluorenone-Based Fluorescent and Colorimetric Sensors for Selective Detection of Ions: Applications in HeLa Cell Imaging and Logic Gate. ACS Omega, 2022, 7, 9730-9742.	3.5	18
14	Tandem high resolution mass spectrometry based phytochemical composition of Sauromatum guttatum tubers and its enzyme inhibitory potential with molecular docking. Journal of Chromatography A, 2022, 1672, 463055.	3.7	3
15	Ab initio study for superior sensitivity of graphyne nanoflake towards nitrogen halides over ammonia. Journal of Molecular Modeling, 2022, 28, .	1.8	5
16	<i>In vitro</i> Î±-glycosidase and urease enzyme inhibition profile of some selected medicinal plants of Pakistan. Natural Product Research, 2021, 35, 5434-5439.	1.8	6
17	Hydrothermal assisted synthesis and structural characterization of Zn doped SnO2 nanoparticles for catalytic reduction of 4-nitrophenol. Materials Today: Proceedings, 2021, 36, 717-723.	1.8	11
18	Pharmacophore model-based virtual screening, docking, biological evaluation and molecular dynamics simulations for inhibitors discovery against Î±-tryptophan synthase from <i>Mycobacterium tuberculosis</i> . Journal of Biomolecular Structure and Dynamics, 2021, 39, 610-620.	3.5	14

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19	Exploring the ability of dihydropyrimidine-5-carboxamide and 5-benzyl-2,4-diaminopyrimidine-based analogues for the selective inhibition of L- \hat{A} major dihydrofolate reductase. <i>European Journal of Medicinal Chemistry</i> , 2021, 210, 112986.	5.5	22
20	Targeting protein tyrosine phosphatase to unravel possible inhibitors for <i>Streptococcus pneumoniae</i> using molecular docking, molecular dynamics simulations coupled with free energy calculations. <i>Life Sciences</i> , 2021, 264, 118621.	4.3	10
21	The antioxidant N-(2-mercaptopropionyl)-glycine (tiopronin) attenuates expression of neuropathic allodynia and hyperalgesia. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2021, 394, 603-617.	3.0	7
22	Kinetic and Isothermal Investigations of Cost-Effective Sorptive Elimination of Gentian Violet Dye from Water Using <i>Haplophragma adenophyllum</i> Biowaste. <i>Journal of Chemistry</i> , 2021, 2021, 1-12.	1.9	6
23	Liquid-liquid extraction of Nd ⁺³ and Eu ⁺³ from aqueous medium using oxytetracycline in dichloromethane. <i>Radiochimica Acta</i> , 2021, 109, 445-452.	1.2	0
24	Inhibition Profiling of Urease and Carbonic Anhydrase II by High- Throughput Screening and Molecular Docking Studies of Structurally Diverse Organic Compounds. <i>Letters in Drug Design and Discovery</i> , 2021, 18, 299-312.	0.7	3
25	Iron Oxide (Fe ₃ O ₄)-Supported SiO ₂ Magnetic Nanocomposites for Efficient Adsorption of Fluoride from Drinking Water: Synthesis, Characterization, and Adsorption Isotherm Analysis. <i>Water (Switzerland)</i> , 2021, 13, 1514.	2.7	17
26	Detoxification of toxic cations Pb(II) and Cd(II) from liquid phase by employing <i>Pennisetum glaucum</i> biowaste: a kinetic investigation. <i>International Journal of Phytoremediation</i> , 2021, , 1-8.	3.1	0
27	Computational Studies on Isolated Compounds of <i>Sclerochloa dura</i> ; their Efficacy towards Carbonic Anhydrase Inhibition and Anti-cancer Drug Targets. <i>Letters in Drug Design and Discovery</i> , 2021, 18, .	0.7	0
28	Isolation, Characterization and Neuroprotective Activity of Folecitin: An In Vivo Study. <i>Life</i> , 2021, 11, 825.	2.4	24
29	Mobility of Japanese quail spermatozoa and its relationship to egg fertility. <i>Reproduction in Domestic Animals</i> , 2021, , .	1.4	1
30	A Simple Two-Stage AC-AC Circuit Topology Employed as High-Frequency Controller for Domestic Induction Heating System. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8325.	2.5	6
31	Lab-scale continuous flow studies for comparative biosorption of cadmium (II) on untreated and xanthated <i>Ficus religiosa</i> biomass. <i>Water Environment Research</i> , 2021, 93, 2681-2695.	2.7	1
32	Synthesis and Tetraphenylethylene-Based Aggregation-Induced Emission Probe for Rapid Detection of Nitroaromatic Compounds in Aqueous Media. <i>ACS Omega</i> , 2021, 6, 25447-25460.	3.5	42
33	Iron-Zinc Co-Doped Titania Nanocomposite: Photocatalytic and Photobiocidal Potential in Combination with Molecular Docking Studies. <i>Catalysts</i> , 2021, 11, 1112.	3.5	10
34	Assessing the ethnobotanical potential of <i>Carissa opaca</i> berries by merging outcomes from metabolomics profiling, enzyme assays, and in silico docking studies. <i>Food Chemistry</i> , 2021, 363, 130259.	8.2	10
35	An Efficient Classification of MRI Brain Images. <i>IEEE Access</i> , 2021, 9, 33313-33322.	4.2	18
36	Macrocyclic sulfone derivatives: Synthesis, characterization, in vitro biological evaluation and molecular docking. <i>Drug Development Research</i> , 2021, 82, 562-574.	2.9	3

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37	Multivariable Unconstrained Pattern Search Method for Optimizing Digital PID Controllers Applied to Isolated Forward Converter. <i>Energies</i> , 2021, 14, 77.	3.1	11
38	Screening and Structure-Activity Relationship of Potential Compounds against Proposed Targets of COVID-19 Infection. <i>Letters in Drug Design and Discovery</i> , 2021, 18, .	0.7	0
39	A Bipolar Voltage Gain Boost AC-AC Converter Based on Four Switching Transistors. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10254.	2.5	1
40	A New Dual Polarity Direct AC-AC Voltage Regulator Ensuring Voltage Step-Up and Step-Down Capabilities. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11944.	2.5	2
41	A profound density functional theory study to unravel the spectroscopic and molecular properties of two Flavanols differing in π -pyrone ring position. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 558-566.	1.4	0
42	Age-related declines in ejaculate quality and sperm kinematics vary among strains of Japanese Quail (<i>Coturnix coturnix</i>). <i>Journal of Herpetology</i> , 2020, 54, 147-154.	1.4	0
43	Photocatalytic degradation and kinetic modeling of azo dye using bimetallic photocatalysts: effect of synthesis and operational parameters. <i>Environmental Science and Pollution Research</i> , 2020, 27, 2992-3006.	5.3	43
44	Risk Assessment of Heavy Metals in Selected Marine Fish Species of Gadani Shipbreaking Area and Pakistan. <i>Animals</i> , 2020, 10, 1738.	2.3	16
45	Appearance of V-encapsulated tetragonal prism motifs in VSi_{10} and VSi_{11} clusters. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 22989-22996.	2.8	10
46	Polyaniline emeraldine salt as selective electrochemical sensor for HBr over HCl: a systematic density functional theory study through oligomer approach. <i>Journal of Molecular Modeling</i> , 2020, 26, 332.	1.8	3
47	Multifunctional Efficacy of Environmentally Benign Silver Nanospheres for Organic Transformation, Photocatalysis, and Water Remediation. <i>ACS Omega</i> , 2020, 5, 26063-26076.	3.5	24
48	Development of Cuboidal $KNbO_3@Fe_2O_3$ Hybrid Nanostructures for Improved Photocatalytic and Photoelectrocatalytic Applications. <i>ACS Omega</i> , 2020, 5, 20491-20505.	3.5	47
49	Hydration processes of barium chloride: Size-selected anion photoelectron spectroscopy and theoretical calculations of $BaCl_2$ -water clusters. <i>Journal of Chemical Physics</i> , 2020, 153, 134301.	3.0	4
50	Benzylaminoethylureido-Tailed Benzenesulfonamides Show Potent Inhibitory Activity against Bacterial Carbonic Anhydrases. <i>ChemMedChem</i> , 2020, 15, 2444-2447.	3.2	7
51	Comparative study on sensing abilities of polyaniline and graphene polyaniline composite sensors toward methylamine and ammonia. <i>Polymers for Advanced Technologies</i> , 2020, 31, 3351-3360.	3.2	10
52	Three new acrylic acid derivatives from <i>Achillea mellifolium</i> as potential thymidine phosphorylase inhibitor: molecular docking and MD simulation studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 39, 1-12.	3.5	2
53	Development and Evaluation of Drug Loaded Regenerated Bacterial Cellulose-Based Matrices as a Potential Dosage Form. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 579404.	4.1	10
54	Remarkable enhancement in sensor ability of polyaniline upon composite formation with ZnO for industrial effluents. <i>Journal of Molecular Graphics and Modelling</i> , 2020, 101, 107724.	2.4	3

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55	Recent advances in combinatorial cancer therapy via multifunctionalized gold nanoparticles. <i>Nanomedicine</i> , 2020, 15, 1221-1237.	3.3	30
56	Biosynthesis, characterization and photo-catalytic degradation of methylene blue using silver nanoparticles. <i>Materials Today: Proceedings</i> , 2020, 29, 1039-1043.	1.8	5
57	A New Single-Phase AC Voltage Converter With Voltage Buck Characteristics for Grid Voltage Compensation. <i>IEEE Access</i> , 2020, 8, 48886-48903.	4.2	14
58	A New Single-Phase Direct Frequency Controller Having Reduced Switching Count without Zero-Crossing Detector for Induction Heating System. <i>Electronics (Switzerland)</i> , 2020, 9, 430.	3.1	9
59	An Impedance Network-Based Three Level Quasi Neutral Point Clamped Inverter with High Voltage Gain. <i>Energies</i> , 2020, 13, 1261.	3.1	8
60	Evolution of the structural, dielectric and electrical transport properties of Bi ₂ Te ₃ nano-sticks synthesized via polyol and solvothermal routes. <i>Physica B: Condensed Matter</i> , 2020, 588, 412183.	2.7	5
61	Benzylaminoethureido-Tailed Benzenesulfonamides: Design, Synthesis, Kinetic and X-ray Investigations on Human Carbonic Anhydrases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2560.	4.1	17
62	Synthesis, evaluation of thymidine phosphorylase and angiogenic inhibitory potential of ciprofloxacin analogues: Repositioning of ciprofloxacin from antibiotic to future anticancer drugs. <i>Bioorganic Chemistry</i> , 2020, 100, 103876.	4.1	2
63	<i>Catharanthus roseus</i> extract mediated synthesis of cobalt nanoparticles: evaluation of antioxidant, antibacterial, hemolytic and catalytic activities. <i>Inorganic and Nano-Metal Chemistry</i> , 2020, 50, 1171-1180.	1.6	17
64	Biosorptive Removal of Cadmium(II) and Copper(II) Using Microwave-Assisted Thiourea-Modified <i>Sorghum bicolor</i> Agrowaste. <i>Journal of Chemistry</i> , 2020, 2020, 1-11.	1.9	7
65	Electronic structure of polythiophene gas sensors for chlorinated analytes. <i>Journal of Molecular Modeling</i> , 2020, 26, 44.	1.8	11
66	Design and Analysis of Dual band Microstrip Antenna for Millimeter Wave Communication Applications. <i>International Journal of Computing and Digital Systems</i> , 2020, 9, 607-614.	0.7	8
67	Millimeter Wave (MMW) Communications for Fifth Generation (5G) Mobile Networks. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 97-106.	0.6	4
68	Bioassay-guided isolation of urease inhibitors from <i>Ferula narthex</i> Bioss. <i>South African Journal of Botany</i> , 2019, 120, 247-252.	2.5	1
69	Removal of Cadmium (II) from Aqueous Medium Using <i>Vigna radiata</i> Leave Biomass: Equilibrium Isotherms, Kinetics and Thermodynamics. <i>Zeitschrift Fur Physikalische Chemie</i> , 2019, 233, 669-690.	2.8	15
70	Optimal Power Flow and Unified Control Strategy for Multi-Terminal HVDC Systems. <i>IEEE Access</i> , 2019, 7, 92642-92650.	4.2	16
71	Biosorption of Cd(II) ions from its aqueous solutions using powdered branches of <i>Trifolium resupinatum</i> : equilibrium and kinetics. <i>Green Chemistry Letters and Reviews</i> , 2019, 12, 217-224.	4.7	4
72	An enhanced state convergence architecture incorporating disturbance observer for bilateral teleoperation systems. <i>International Journal of Advanced Robotic Systems</i> , 2019, 16, 172988141988005.	2.1	0

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73	A composite state convergence scheme for bilateral teleoperation systems. IEEE/CAA Journal of Automatica Sinica, 2019, 6, 1166-1178.	13.1	7
74	Interaction of Graphene Quantum Dots with Oligothiophene: A Comprehensive Theoretical Study. Journal of Physical Chemistry C, 2019, 123, 29556-29570.	3.1	22
75	Structural evolution and electronic properties of Au ₂ Ge ⁿ /O (n=1~8) clusters: Anion photoelectron spectroscopy and theoretical calculations. Chinese Journal of Chemical Physics, 2019, 32, 229-240.	1.3	9
76	Design of Three Phase Solid State Transformer Deployed within Multi-Stage Power Switching Converters. Applied Sciences (Switzerland), 2019, 9, 3545.	2.5	4
77	Isolation of dihydrobenzofuran derivatives from ethnomedicinal species Polygonum barbatum as anticancer compounds. Biological Research, 2019, 52, 1.	3.4	79
78	A Single-Phase Buck and Boost AC-to-AC Converter with Bipolar Voltage Gain: Analysis, Design, and Implementation. Energies, 2019, 12, 1376.	3.1	14
79	Rifampicin conjugated silver nanoparticles: a new arena for development of antibiofilm potential against methicillin resistant Staphylococcus aureus and Klebsiella pneumoniae. International Journal of Nanomedicine, 2019, Volume 14, 3983-3993.	6.7	43
80	One pot synthesis and surface modification of mesoporous iron oxide nanoparticles. Nano Structures Nano Objects, 2019, 19, 100343.	3.5	14
81	Derivative-Free Direct Search Optimization Method for Enhancing Performance of Analytical Design Approach-Based Digital Controller for Switching Regulator. Energies, 2019, 12, 2183.	3.1	5
82	Macromolecules as targeted drugs delivery vehicles: an overview. Designed Monomers and Polymers, 2019, 22, 91-97.	1.6	16
83	Oxindole-based chalcones: synthesis and their activity against glycation of proteins. Medicinal Chemistry Research, 2019, 28, 900-906.	2.4	6
84	Electrocatalytic and Enhanced Photocatalytic Applications of Sodium Niobate Nanoparticles Developed by Citrate Precursor Route. Scientific Reports, 2019, 9, 4488.	3.3	75
85	First principle studies on structure, magneto-electronic and elastic properties of photovoltaic semiconductor halide (RbGeI ₃) and ferromagnetic half metal oxide (RbDyO ₃). Computational Condensed Matter, 2019, 19, e00381.	2.1	14
86	Apoptotic and antimetastatic activities of betulin isolated from Quercus incana against non-small cell lung cancer cells. Cancer Management and Research, 2019, Volume 11, 1667-1683.	1.9	34
87	Structural evolution and electronic properties of CoSi _n ⁿ (n = 3~12) clusters: mass-selected anion photoelectron spectroscopy and quantum chemistry calculations. Physical Chemistry Chemical Physics, 2019, 21, 6207-6215.	2.8	24
88	High-Surface-Area Sodium Tantalate Nanoparticles with Enhanced Photocatalytic and Electrical Properties Prepared through Polymeric Citrate Precursor Route. ACS Omega, 2019, 4, 19408-19419.	3.5	35
89	Recent Approaches of Forecasting and Optimal Economic Dispatch to Overcome Intermittency of Wind and Photovoltaic (PV) Systems: A Review. Energies, 2019, 12, 4392.	3.1	39
90	Artificial Intelligence-Based Controller for DC-DC Flyback Converter. Applied Sciences (Switzerland), 2019, 9, 5108.	2.5	5

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91	Citric Acid Functionalized <i>Bougainvillea spectabilis</i> : a Novel, Sustainable, and Cost-effective Biosorbent for Removal of Heavy Metal (Pb ²⁺) from Waste Water. <i>Water, Air, and Soil Pollution</i> , 2019, 230, 1.	2.4	16
92	A Study on the Coverage of Millimeter Wave (MMW) Communication Link for Fifth Generation (5G) Mobile Networks. <i>Lecture Notes in Networks and Systems</i> , 2019, , 361-370.	0.7	0
93	Green synthesis, characterisation and biological evaluation of plant-based silver nanoparticles using <i>Quercus semecarpifolia</i> Smith aqueous leaf extract. <i>IET Nanobiotechnology</i> , 2019, 13, 36-41.	3.8	9
94	Biosorption of Cu(II) from aqueous solution onto immobilized <i>Ficus religiosa</i> branch powder in a fixed bed column: Breakthrough curves and mathematical modeling. <i>Korean Journal of Chemical Engineering</i> , 2019, 36, 48-55.	2.7	7
95	Facile synthesis of silver nanoparticles in a crosslinked polymeric system by in situ reduction method for catalytic reduction of 4-nitroaniline. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 2027-2036.	2.2	68
96	Identification of new benzamide inhibitor against β -subunit of tryptophan synthase from <i>Mycobacterium tuberculosis</i> through structure-based virtual screening, anti-tuberculosis activity and molecular dynamics simulations. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 1043-1053.	3.5	20
97	Design and Analysis of Rectangular Microstrip Antenna (RMSA) for Millimeter Wave Communication Applications. <i>Traitement Du Signal</i> , 2019, 36, 433-438.	1.3	1
98	Bioactive chromone constituents from <i>Vitex negundo</i> ; alleviate pain and inflammation. <i>Journal of Pain Research</i> , 2018, Volume 11, 95-102.	2.0	18
99	A Time-Delayed Multi-Master-Single-Slave Non-Linear Tele-Robotic System Through State Convergence. <i>IEEE Access</i> , 2018, 6, 5447-5459.	4.2	3
100	Sedative and antinociceptive activities of two new sesquiterpenes isolated from <i>Ricinus communis</i> . <i>Chinese Journal of Natural Medicines</i> , 2018, 16, 225-230.	1.3	16
101	Fabrication and Photocatalytic Applications of Perovskite Materials with Special Emphasis on Alkali-Metal-Based Niobates and Tantalates. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 18-41.	3.7	58
102	In vivo study on analgesic, gastrointestinal tract (GIT) motility, and anti-termite potential of methanolic extract of <i>Sarcococca saligna</i> (D. Don) Muell. fruits. <i>South African Journal of Botany</i> , 2018, 114, 40-43.	2.5	7
103	Optimized Digital Controllers for Switching-Mode DC-DC Step-Down Converter. <i>Electronics (Switzerland)</i> , 2018, 7, 412.	3.1	11
104	Isolation and Characterization of Two New Antimicrobial Acids from <i>Quercus incana</i> (Bluejack) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.9	7
105	Inhibitory Effects of <i>Glycyrrhiza glabra</i> and Its Major Constituent Glycyrrhizin on Inflammation-Associated Corneal Neovascularization. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-8.	1.2	32
106	Isolation and Characterization of Two New Secondary Metabolites From <i>Quercus incana</i> and Their Antidepressant- and Anxiolytic-Like Potential. <i>Frontiers in Pharmacology</i> , 2018, 9, 298.	3.5	6
107	Efficacy of spent black tea for the removal of nitrobenzene from aqueous media. <i>Journal of Environmental Management</i> , 2018, 223, 771-778.	7.8	13
108	Alkaloids as Cyclooxygenase Inhibitors in Anticancer Drug Discovery. <i>Current Protein and Peptide Science</i> , 2018, 19, 292-301.	1.4	30

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109	Combined in Vitro and in Silico Studies for the Anticholinesterase Activity and Pharmacokinetics of Coumarinyl Thiazoles and Oxadiazoles. <i>Frontiers in Chemistry</i> , 2018, 6, 61.	3.6	45
110	Composition of the Essential Oil of <i>Galium setaceum</i> . <i>Chemistry of Natural Compounds</i> , 2018, 54, 586-587.	0.8	0
111	Sulfonamides as Potential Bioactive Scaffolds. <i>Current Organic Chemistry</i> , 2018, 22, 818-830.	1.6	65
112	An Extended State Convergence Architecture for Multilateral Teleoperation Systems. <i>IEEE Access</i> , 2017, 5, 2063-2079.	4.2	10
113	Neo-Fuzzy Integrated Adaptive Decayed Brain Emotional Learning Network for Online Time Series Prediction. <i>IEEE Access</i> , 2017, 5, 1037-1049.	4.2	24
114	Neo-Fuzzy Supported Brain Emotional Learning Based Pattern Recognizer for Classification Problems. <i>IEEE Access</i> , 2017, 5, 6951-6968.	4.2	9
115	Effects of temperature and salinity on the production of cell biomass, chlorophyll-a and intra- and extracellular nodularins (NOD) and nodulopeptin 901 produced by <i>Nodularia spumigena</i> KAC 66. <i>Journal of Applied Phycology</i> , 2017, 29, 1801-1810.	2.8	3
116	Solution of an Economic Dispatch Problem Through Particle Swarm Optimization: A Detailed Survey – Part II. <i>IEEE Access</i> , 2017, 5, 24426-24445.	4.2	56
117	Fatty Acid Composition and Biological Activities of Oily Fractions from <i>Pistacia integerrima</i> Roots. <i>Chemistry of Natural Compounds</i> , 2017, 53, 830-833.	0.8	6
118	Sedative and muscle relaxant activities of diterpenoids from <i>Phlomischema parviflorum</i> . <i>Revista Brasileira De Farmacognosia</i> , 2017, 27, 636-640.	1.4	4
119	Solution of an Economic Dispatch Problem Through Particle Swarm Optimization: A Detailed Survey - Part I. <i>IEEE Access</i> , 2017, 5, 15105-15141.	4.2	94
120	Protein stability and dynamics influenced by ligands in extremophilic complexes – a molecular dynamics investigation. <i>Molecular BioSystems</i> , 2017, 13, 1874-1887.	2.9	9
121	The Potential Use of <i>Vetiveria zizanioides</i> for the Phytoremediation of Antimony, Arsenic and Their Co-Contamination. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2017, 99, 511-517.	2.7	14
122	Three new anthraquinone derivatives isolated from <i>Symplocos racemosa</i> and their antibiofilm activity. <i>Chinese Journal of Natural Medicines</i> , 2017, 15, 944-949.	1.3	13
123	Biosorption characteristics of <i>Pennisetum glaucum</i> for the removal of Pb(II), Ni(II) and Cd(II) ions from aqueous medium. <i>Green Chemistry Letters and Reviews</i> , 2017, 10, 462-470.	4.7	10
124	Bioassay-guided isolation of novel and selective urease inhibitors from <i>Diospyros lotus</i> . <i>Chinese Journal of Natural Medicines</i> , 2017, 15, 865-870.	1.3	11
125	Potential biosorbent, <i>Haloxylon recurvum</i> plant stems, for the removal of methylene blue dye. <i>Arabian Journal of Chemistry</i> , 2017, 10, S1512-S1522.	4.9	68
126	Neurologically Potent Molecules from <i>Crataegus oxyacantha</i> ; Isolation, Anticholinesterase Inhibition, and Molecular Docking. <i>Frontiers in Pharmacology</i> , 2017, 8, 327.	3.5	65

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127	Antidepressant Effect of Two New Benzyl Derivatives from Wild Strawberry <i>Fragaria vesca</i> var. <i>nubicola</i> Lindl. ex Hook.f.. <i>Frontiers in Pharmacology</i> , 2017, 8, 469.	3.5	9
128	Rapid Synthesis of Gold Nanoparticles from <i>Quercus incana</i> and Their Antimicrobial Potential against Human Pathogens. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 29.	2.5	8
129	Knowledge of Medicinal Plants for Children Diseases in the Environs of District Bannu, Khyber Pakhtoonkhwa (KPK). <i>Frontiers in Pharmacology</i> , 2017, 8, 430.	3.5	10
130	Isolation and characterization of three new anti-proliferative Sesquiterpenes from <i>Polygonum barbatum</i> and their mechanism via apoptotic pathway. <i>BMC Cancer</i> , 2017, 17, 694.	2.6	21
131	Pakistanâ€™dan toplanan $\frac{1}{4}$ t \pm bbi bitkinin antibakteriyel etkileri, sitotoksisite ve fitotoksisite profilleri. <i>Marmara Pharmaceutical Journal</i> , 2017, 21, 261-261.	0.5	9
132	Gastrointestinal Motility and Acute Toxicity of Pistagremic Acid Isolated from the Galls of <i>Pistacia integerrima</i> . <i>Medicinal Chemistry</i> , 2017, 13, 292-294.	1.5	10
133	Analysis of drug binding pockets and repurposing opportunities for twelve essential enzymes of ESKAPE pathogens. <i>PeerJ</i> , 2017, 5, e3765.	2.0	5
134	Pharmacognostic and phytochemical studies of <i>Zanthoxylum armatum</i> DC. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2017, 30, 429-438.	0.2	3
135	Biochemical and Metabolic Changes in Arsenic Contaminated <i>Boehmeria nivea</i> L. <i>BioMed Research International</i> , 2016, 2016, 1-8.	1.9	19
136	Robust Synthesis of Ciprofloxacin-Capped Metallic Nanoparticles and Their Urease Inhibitory Assay. <i>Molecules</i> , 2016, 21, 411.	3.8	23
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