

Habib Nasir

List of Publications by Year in descending order

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64
papers

1,699
citations

304743

22
h-index

289244

40
g-index

65
all docs

65
docs citations

65
times ranked

1828
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical synergies of Feâ€“Ni bimetallic MOF CNTs catalyst for OER in water splitting. <i>Journal of Alloys and Compounds</i> , 2021, 850, 156583.	5.5	139
2	Novel Co-MOF/Graphene Oxide Electrocatalyst for Methanol Oxidation. <i>Electrochimica Acta</i> , 2017, 255, 195-204.	5.2	137
3	Electro catalytic study of NiO-MOF/rGO composites for methanol oxidation reaction. <i>Electrochimica Acta</i> , 2019, 307, 1-12.	5.2	110
4	Nanocomposites of cobalt benzene tricarboxylic acid MOF with rGO: An efficient and robust electrocatalyst for oxygen evolution reaction (OER). <i>Renewable Energy</i> , 2020, 156, 1040-1054.	8.9	108
5	Allelopathic Potential of Robinia pseudo-acacia L.. <i>Journal of Chemical Ecology</i> , 2005, 31, 2179-2192.	1.8	80
6	Development of Nickel-BTC-MOF-Derived Nanocomposites with rGO Towards Electrocatalytic Oxidation of Methanol and Its Product Analysis. <i>Catalysts</i> , 2019, 9, 856.	3.5	67
7	Cefazolin loaded chitosan nanoparticles to cure multi drug resistant Gram-negative pathogens. <i>Carbohydrate Polymers</i> , 2016, 136, 682-691.	10.2	63
8	Nanocomposites of NiO/CuO Based MOF with rGO: An Efficient and Robust Electrocatalyst for Methanol Oxidation Reaction in DMFC. <i>Nanomaterials</i> , 2020, 10, 1601.	4.1	63
9	A Highly Efficient and Stable Copper BTC Metal Organic Framework Derived Electrocatalyst for Oxidation of Methanol in DMFC Application. <i>Catalysis Letters</i> , 2019, 149, 3312-3327.	2.6	59
10	Development of Cefotaxime Impregnated Chitosan as Nano-antibiotics: De Novo Strategy to Combat Biofilm Forming Multi-drug Resistant Pathogens. <i>Frontiers in Microbiology</i> , 2016, 7, 330.	3.5	55
11	The hydroxylation of testosterone and some relatives by <i>Cephalosporium aphidicola</i> . <i>Phytochemistry</i> , 1996, 42, 411-415.	2.9	53
12	Yeast-like symbiotes as a sterol source in anobiid beetles (Coleoptera, Anobiidae): Possible metabolic pathways from fungal sterols to 7-dehydrocholesterol. <i>Archives of Insect Biochemistry and Physiology</i> , 2003, 52, 175-182.	1.5	52
13	A super stretchable and sensitive strain sensor based on a carbon nanocoil network fabricated by a simple peeling-off approach. <i>Nanoscale</i> , 2017, 9, 16404-16411.	5.6	48
14	Antihypertensive nano-ceuticals based on chitosan biopolymer: Physico-chemical evaluation and release kinetics. <i>Carbohydrate Polymers</i> , 2016, 142, 268-274.	10.2	46
15	A flexible, ultra-sensitive strain sensor based on carbon nanocoil network fabricated by an electrophoretic method. <i>Nanoscale</i> , 2017, 9, 9872-9878.	5.6	46
16	Plant growth inhibitory activity of <i>Lycoris radiata</i> Herb. and the possible involvement of lycorine as an allelochemical. <i>Weed Biology and Management</i> , 2006, 6, 221-227.	1.4	30
17	Electrocatalytic performance of NiNH ₂ BDC MOF based composites with rGO for methanol oxidation reaction. <i>Scientific Reports</i> , 2021, 11, 13402.	3.3	28
18	Biotransformation of the sesquiterpenoid, cedrol, by <i>Cephalosporium aphidicola</i> . <i>Phytochemistry</i> , 1993, 33, 835-837.	2.9	27

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19	The biotransformation of some steroids by <i>Cephalosporium aphidicola</i> . <i>Phytochemistry</i> , 1993, 33, 831-834.	2.9	26
20	Polyionic hybrid nano-engineered systems comprising alginate and chitosan for antihypertensive therapeutics. <i>International Journal of Biological Macromolecules</i> , 2016, 91, 180-187.	7.5	26
21	Microbial population dynamics and profiling of quorum sensing agents in membrane bioreactor. <i>International Biodeterioration and Biodegradation</i> , 2016, 113, 66-73.	3.9	24
22	Enhanced photoelectrochemical water splitting using zinc selenide/graphitic carbon nitride type-II heterojunction interface. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 25424-25435.	7.1	24
23	Distribution, toxicity level, and concentration of polycyclic aromatic hydrocarbons (PAHs) in surface soil and groundwater of Rawalpindi, Pakistan. <i>Desalination and Water Treatment</i> , 2012, 49, 240-247.	1.0	23
24	Monitoring of chlorination disinfection by-products and their associated health risks in drinking water of Pakistan. <i>Journal of Water and Health</i> , 2015, 13, 270-284.	2.6	21
25	Efficient Photoelectrochemical Water Splitting by Tailoring MoS ₂ /CoTe Heterojunction in a Photoelectrochemical Cell. <i>Nanomaterials</i> , 2020, 10, 2341.	4.1	20
26	New Steroidal Alkaloids from the Roots of <i>Buxus papillosa</i> . <i>Journal of Natural Products</i> , 1992, 55, 1063-1066.	3.0	19
27	The biotransformation of 8-epicedrol and some relatives by <i>Cephalosporium aphidicola</i> . <i>Phytochemistry</i> , 1995, 39, 1081-1084.	2.9	18
28	Development of an Efficient Non-Noble Metal Based Anode Electrocatalyst to Promote Methanol Oxidation Activity in DMFC. <i>ChemistrySelect</i> , 2020, 5, 6023-6034.	1.5	18
29	Supramolecular assemblies of carbon nanocoils and tetraphenylporphyrin derivatives for sensing of catechol and hydroquinone in aqueous solution. <i>Scientific Reports</i> , 2021, 11, 5044.	3.3	16
30	Electromagnetic microwave absorption properties of carbon nanocoils/tissue. <i>Diamond and Related Materials</i> , 2017, 77, 53-56.	3.9	15
31	Synthesis, Characterization and Photocatalytic Activity of MoS ₂ /ZnSe Heterostructures for the Degradation of Levofloxacin. <i>Catalysts</i> , 2020, 10, 1380.	3.5	15
32	Cefotaxime Loaded Polycaprolactone Based Polymeric Nanoparticles with Antifouling Properties for In-Vitro Drug Release Applications. <i>Polymers</i> , 2021, 13, 2180.	4.5	15
33	Novel triterpenoids from the roots of <i>Buxus papillosa</i> . <i>Tetrahedron</i> , 1992, 48, 3577-3584.	1.9	14
34	Improved dielectric properties of polyetherimide and polyaniline-coated few-layer graphene based nanocomposites. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 402-411.	2.2	14
35	Helical gold nanotube film as stretchable micro/nanoscale strain sensor. <i>Journal of Materials Science</i> , 2018, 53, 2181-2192.	3.7	13
36	Three steroidal alkaloids from <i>Buxus hildebrandtii</i> . <i>Phytochemistry</i> , 1990, 29, 1293-1296.	2.9	12

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37	Effect of trihalomethanes (chloroform and bromoform) on human haematological count. <i>Journal of Water and Health</i> , 2017, 15, 367-373.	2.6	12
38	The biotransformation of the diterpenoid, sclareol, by <i>Cephalosporium aphidicola</i> . <i>Phytochemistry</i> , 1994, 36, 903-906.	2.9	11
39	Two non-nitrogenous triterpenoids from roots of <i>Buxus papillosa</i> . <i>Phytochemistry</i> , 1994, 35, 993-1000.	2.9	10
40	Synthesis, characterization and catalytic testing of MCM-22 derived catalysts for n-hexane cracking. <i>Scientific Reports</i> , 2020, 10, 21786.	3.3	10
41	Triterpenoid constituents of <i>buxus papillosa</i> . <i>Phytochemistry</i> , 1989, 28, 2848-2850.	2.9	9
42	Transpicuous-Cum-Fouling Resistant Copolymers of 3-Sulfopropyl Methacrylate and Methyl Methacrylate for Optronics Applications in Aquatic Medium and Healthcare. <i>Advances in Polymer Technology</i> , 2020, 2020, 1-11.	1.7	9
43	A steroidal alkaloid from <i>Buxus papillosa</i> . <i>Phytochemistry</i> , 1990, 29, 683-685.	2.9	8
44	Two lupin alkaloids from <i>Sophora griffithii</i> . <i>Phytochemistry</i> , 1991, 30, 1001-1003.	2.9	8
45	Cleaner production technologies in desizing of cotton fabric. <i>Journal of the Textile Institute</i> , 2011, , 1-8.	1.9	8
46	Effect of metal ions and petrochemicals on bioremediation of chlorpyrifos in aerobic sequencing batch bioreactor (ASBR). <i>Environmental Science and Pollution Research</i> , 2016, 23, 20646-20660.	5.3	8
47	Liquid-Phase Exfoliation of Few-Layer Graphene and Effect of Sonication Time on Concentration of Produced Few Layer Graphene. <i>Nano Hybrids and Composites</i> , 0, 14, 17-24.	0.8	7
48	Determination of Volatile Organic Compounds (VOCs) in Potable Water Using Solid Phase Micro Extraction-Gas Chromatography (SPME-GC). <i>Arabian Journal for Science and Engineering</i> , 2012, 37, 1255-1262.	1.1	6
49	Chlorination at Treatment Plant and Drinking Water Quality: A Case Study of Different Sectors of Islamabad, Pakistan. <i>Arabian Journal for Science and Engineering</i> , 2014, 39, 5665-5675.	1.1	6
50	Development of zirconium and potassium perchlorate igniter for AP/HTPB composite propellant base bleed grain. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 3939-3947.	3.6	6
51	Buxapapillosin - A New Triterpene from the Roots of <i>Buxus papillosa</i> . <i>Natural Product Research</i> , 1993, 3, 131-138.	0.4	5
52	Efficient photocatalytic degradation of nitrobenzene by copper-doped TiO ₂ : kinetic study, degradation pathway, and mechanism. <i>Environmental Science and Pollution Research</i> , 2022, 29, 49925-49936.	5.3	5
53	Layer-By-Layer Self-Assembled Dip Coating for Antifouling Functionalized Finishing of Cotton Textile. <i>Polymers</i> , 2022, 14, 2540.	4.5	5
54	Novel Method for Preparation of Pure and Iron-Doped Titania Nanotube Coated Wood Surfaces to Disinfect Airborne Bacterial Species <i>Pseudomonas aeruginosa</i> and <i>Staphylococcus aureus</i> . <i>Environmental Engineering Science</i> , 2014, 31, 681-688.	1.6	4

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55	Synthesis of Ion Imprinted Polymers by Copolymerization of Zn(II) and Al(III)8-hydroxy Quinolone Complexes with Divinylbenzene and Methacrylic Acid. <i>Polymer-Plastics Technology and Engineering</i> , 2016, 55, 1460-1473.	1.9	4
56	Incidence of chlorination by-products in an institutional drinking water distribution network, Islamabad, Pakistan, using response surface methodology. <i>Journal of Water Sanitation and Hygiene for Development</i> , 2018, 8, 740-751.	1.8	4
57	Exfoliation of Graphene and its Application as Filler in Reinforced Polymer Nanocomposites. <i>Nano Hybrids and Composites</i> , 0, 11, 7-21.	0.8	3
58	Amphiphilic copolymers of dimethyl aminoethyl methacrylate and methyl methacrylate with controlled hydrophilicity for antialgal activity. <i>Journal of Applied Polymer Science</i> , 2022, 139, 51578.	2.6	3
59	Pressure-Time Study of Slow Burning Rate Ap/HTPB Based Composite Propellant by Using Closed Vessel Test (CVT). <i>Key Engineering Materials</i> , 2018, 778, 268-274.	0.4	2
60	Isolation and identification of allelochemicals from methanolic extract of Robinia pseudo-acacia L. leaves. <i>Journal of Weed Science and Technology</i> , 2003, 48, 160-161.	0.1	1
61	Synthesis of Cyanate Ester Based Thermoset Resin by Using Copper (II) Oxalate as Catalyst and its Application in Carbon Fiber Composites. <i>Nano Hybrids and Composites</i> , 2018, 22, 1-9.	0.8	1
62	Isolation of allelochemicals from comfrey (<i>Symphytum officinale</i> L.): A candidate for allelopathic ground cover crop. <i>Journal of Weed Science and Technology</i> , 2005, 50, 94-95.	0.1	0
63	Study of Zirconium and Ammonium Perchlorate Based Igniter for Composite Solid Base Bleed Propellant. <i>International Journal of Chemical Engineering and Applications (IJCEA)</i> , 2020, 11, 29-33.	0.3	0
64	Antialgal Synergistic Polystyrene Blended with Polyethylene Glycol and Silver Sulfadiazine for Healthcare Applications. <i>Advances in Polymer Technology</i> , 2021, 2021, 1-9.	1.7	0