

Enamul Haque

List of Publications by Year in descending order

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43
papers

5,377
citations

185998

28
h-index

288905

40
g-index

43
all docs

43
docs citations

43
times ranked

7846
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorptive removal of methyl orange and methylene blue from aqueous solution with a metal-organic framework material, iron terephthalate (MOF-235). <i>Journal of Hazardous Materials</i> , 2011, 185, 507-511.	6.5	977
2	Adsorptive removal of methyl orange from aqueous solution with metal-organic frameworks, porous chromium-benzenedicarboxylates. <i>Journal of Hazardous Materials</i> , 2010, 181, 535-542.	6.5	585
3	Edge-enriched graphene quantum dots for enhanced photo-luminescence and supercapacitance. <i>Nanoscale</i> , 2014, 6, 11988-11994.	2.8	406
4	Hierarchical assembly of graphene/polyaniline nanostructures to synthesize free-standing supercapacitor electrode. <i>Composites Science and Technology</i> , 2014, 98, 1-8.	3.8	346
5	Dichotomous adsorption behaviour of dyes on an amino-functionalised metal-organic framework, amino-MIL-101(Al). <i>Journal of Materials Chemistry A</i> , 2014, 2, 193-203.	5.2	343
6	Synthesis of a Metal-Organic Framework Material, Iron Terephthalate, by Ultrasound, Microwave, and Conventional Electric Heating: A Kinetic Study. <i>Chemistry - A European Journal</i> , 2010, 16, 1046-1052.	1.7	294
7	Chemical and Thermal Stability of Isotypic Metal-Organic Frameworks: Effect of Metal Ions. <i>Chemistry - A European Journal</i> , 2011, 17, 6437-6442.	1.7	264
8	High-yield aqueous phase exfoliation of graphene for facile nanocomposite synthesis via emulsion polymerization. <i>Journal of Colloid and Interface Science</i> , 2013, 410, 43-51.	5.0	259
9	Polymer brush synthesis on surface modified carbon nanotubes via in situ emulsion polymerization. <i>Colloid and Polymer Science</i> , 2016, 294, 1599-1610.	1.0	207
10	Recent Advances in Graphene Quantum Dots: Synthesis, Properties, and Applications. <i>Small Methods</i> , 2018, 2, 1800050.	4.6	166
11	Zebrafish as a Model to Evaluate Nanoparticle Toxicity. <i>Nanomaterials</i> , 2018, 8, 561.	1.9	126
12	Superior adsorption capacity of mesoporous carbon nitride with basic CN framework for phenol. <i>Journal of Materials Chemistry</i> , 2010, 20, 10801.	6.7	125
13	Pyridinic and graphitic nitrogen-rich graphene for high-performance supercapacitors and metal-free bifunctional electrocatalysts for ORR and OER. <i>RSC Advances</i> , 2017, 7, 17950-17958.	1.7	123
14	Self-Assembled N/S Codoped Flexible Graphene Paper for High Performance Energy Storage and Oxygen Reduction Reaction. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 2078-2087.	4.0	113
15	Doped graphene/Cu nanocomposite: A high sensitivity non-enzymatic glucose sensor for food. <i>Food Chemistry</i> , 2017, 221, 751-759.	4.2	112
16	Synthesis of isostructural metal-organic frameworks, CPO-27s, with ultrasound, microwave, and conventional heating: Effect of synthesis methods and metal ions. <i>Chemical Engineering Journal</i> , 2011, 173, 866-872.	6.6	94
17	Rapid syntheses of a metal-organic framework material $\text{Cu}_3(\text{BTC})_2(\text{H}_2\text{O})_3$ under microwave: a quantitative analysis of accelerated syntheses. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 2625.	1.3	82
18	Nitrogen doped graphene via thermal treatment of composite solid precursors as a high performance supercapacitor. <i>RSC Advances</i> , 2015, 5, 30679-30686.	1.7	64

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19	Protein Conformational Modifications and Kinetics of Water-Protein Interactions in Milk Protein Concentrate Powder upon Aging: Effect on Solubility. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 7748-7755.	2.4	58
20	Nanoarchitected Graphene-Organic Frameworks (GOFs): Synthetic Strategies, Properties, and Applications. <i>Chemistry - an Asian Journal</i> , 2018, 13, 3561-3574.	1.7	56
21	Facile Purification of Porous Metal Terephthalates with Ultrasonic Treatment in the Presence of Amides. <i>Chemistry - A European Journal</i> , 2009, 15, 11730-11736.	1.7	50
22	Synthesis of isostructural porous metal-benzenedicarboxylates: Effect of metal ions on the kinetics of synthesis. <i>CrystEngComm</i> , 2010, 12, 2749.	1.3	47
23	Syntheses of Metal-Organic Frameworks and Aluminophosphates under Microwave Heating: Quantitative Analysis of Accelerations. <i>Crystal Growth and Design</i> , 2011, 11, 4413-4421.	1.4	44
24	Exciton-Driven Chemical Sensors Based on Excitation-Dependent Photoluminescent Two-Dimensional SnS. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 42462-42468.	4.0	42
25	Adsorption of Phenol on Mesoporous Carbon CMK-3: Effect of Textural Properties. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 1638-1642.	1.0	42
26	Deciphering the Role of Quaternary N in O_2 Reduction over Controlled N-Doped Carbon Catalysts. <i>Chemistry of Materials</i> , 2020, 32, 1384-1392.	3.2	41
27	Boron-Functionalized Graphene Oxide-Organic Frameworks for Highly Efficient CO_2 Capture. <i>Chemistry - an Asian Journal</i> , 2017, 12, 283-288.	1.7	40
28	A quadrafunctional electrocatalyst of nickel/nickel oxide embedded N-graphene for oxygen reduction, oxygen evolution, hydrogen evolution and hydrogen peroxide oxidation reactions. <i>Sustainable Energy and Fuels</i> , 2018, 2, 2081-2089.	2.5	34
29	Low dimensional materials for glucose sensing. <i>Nanoscale</i> , 2021, 13, 11017-11040.	2.8	30
30	Ageing-induced solubility loss in milk protein concentrate powder: effect of protein conformational modifications and interactions with water. <i>Journal of the Science of Food and Agriculture</i> , 2011, 91, 2576-2581.	1.7	27
31	Synergistically enhanced electrochemical (ORR) activity of graphene oxide using boronic acid as an interlayer spacer. <i>Chemical Communications</i> , 2013, 49, 11068.	2.2	27
32	Kinetics of enthalpy relaxation of milk protein concentrate powder upon ageing and its effect on solubility. <i>Food Chemistry</i> , 2012, 134, 1368-1373.	4.2	25
33	Co-Doping of Activated Graphene for Synergistically Enhanced Electrocatalytic Oxygen Reduction Reaction. <i>ChemSusChem</i> , 2015, 8, 4040-4048.	3.6	22
34	N-doped reduced graphene oxide (rGO) wrapped carbon microfibers as binder-free electrodes for flexible fibre supercapacitors and sodium-ion batteries. <i>Journal of Energy Storage</i> , 2021, 37, 102453.	3.9	22
35	Facile synthesis of cuprous oxide using ultrasound, microwave and electric heating: effect of heating methods on synthesis kinetics, morphology and yield. <i>CrystEngComm</i> , 2011, 13, 4060.	1.3	20
36	Change in molecular structure and dynamics of protein in milk protein concentrate powder upon ageing by solid-state carbon NMR. <i>Food Hydrocolloids</i> , 2015, 44, 66-70.	5.6	19

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37	Tuning graphene for energy and environmental applications: Oxygen reduction reaction and greenhouse gas mitigation. <i>Journal of Power Sources</i> , 2016, 328, 472-481.	4.0	16
38	Identification of electrocatalytic oxygen reduction (ORR) activity of Boron in graphene oxide; incorporated as a charge-adsorbate and/or substitutional p-type dopant. <i>Materials Chemistry and Physics</i> , 2018, 207, 380-388.	2.0	9
39	Nanoarchitected Nitrogen-Doped Graphene/Carbon Nanotube as High Performance Electrodes for Solid State Supercapacitors, Capacitive Deionization, Li-Ion Battery, and Metal-Free Bifunctional Electrocatalysis. <i>ACS Applied Energy Materials</i> , 0, , .	2.5	9
40	Recent advances in the tuning of the organic framework materials – The selections of ligands, reaction conditions, and post-synthesis approaches. <i>Journal of Colloid and Interface Science</i> , 2022, 623, 378-404.	5.0	7
41	Inside Cover: Chemical and Thermal Stability of Isotypic Metal-Organic Frameworks: Effect of Metal Ions (Chem. Eur. J. 23/2011). <i>Chemistry - A European Journal</i> , 2011, 17, 6278-6278.	1.7	3
42	Hybrid Wind-Diesel Remote Area Power Systems with Hydrogen-based Energy Storage System. , 2018, , .		1
43	Thermal Transformation of End-of-Life Latex to Valuable Materials. <i>Journal of Composites Science</i> , 2020, 4, 166.	1.4	0