

Md Mahedi Hasan

List of Publications by Year in descending order

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19
papers

483
citations

687363

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888059

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all docs

19
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19
times ranked

461
citing authors

#	ARTICLE	IF	CITATIONS
1	Porous tal palm carbon nanosheets as a sensing material for simultaneous detection of hydroquinone and catechol. <i>Electrochemical Science Advances</i> , 2022, 2, e2100046.	2.8	5
2	Cancer-on-a-Chip: Models for Studying Metastasis. <i>Cancers</i> , 2022, 14, 648.	3.7	22
3	Cobalt Oxide Nanorod-Modified GCE as Sensitive Electrodes for Simultaneous Detection of Hydroquinone and Catechol. <i>Processes</i> , 2022, 10, 390.	2.8	9
4	Recent Advances in Carbon and Metal Based Supramolecular Technology for Supercapacitor Applications. <i>Chemical Record</i> , 2022, 22, e202200041.	5.8	26
5	Supporting electrolyte interaction with the AACVD synthesized Rh thin film influences the OER activity. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 28740-28751.	7.1	8
6	Mechanistic insights of the oxidation of bisphenol A at ultrasonication assisted polyaniline-Au nanoparticles composite for highly sensitive electrochemical sensor. <i>Electrochimica Acta</i> , 2021, 374, 137968.	5.2	38
7	Layer by Layer Assembly of Graphene Oxide and Reduced Graphene Oxide for Electrochemical Oxidation of Bisphenol. <i>ECS Meeting Abstracts</i> , 2021, MA2021-01, 1674-1674.	0.0	0
8	Effects of Graphene Oxide and Reduced Graphene Oxide Interlayer Interactions on the Charge Storage Mechanism. <i>ECS Meeting Abstracts</i> , 2021, MA2021-01, 503-503.	0.0	0
9	Ni and Co oxide water oxidation electrocatalysts: Effect of thermal treatment on catalytic activity and surface morphology. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 145, 111097.	16.4	11
10	Fabrication of Ni-Co-Based Heterometallo-Supramolecular Polymer Films and the Study of Electron Transfer Kinetics for the Nonenzymatic Electrochemical Detection of Nitrite. <i>ACS Applied Polymer Materials</i> , 2020, 2, 273-284.	4.4	30
11	Green Synthesis of Gold and Silver Nanoparticles by Using <i>Amorphophallus paeoniifolius</i> Tuber Extract and Evaluation of Their Antibacterial Activity. <i>Molecules</i> , 2020, 25, 4773.	3.8	43
12	Metal Nanoparticles for Electrochemical Sensing: Progress and Challenges in the Clinical Transition of Point-of-Care Testing. <i>Molecules</i> , 2020, 25, 5787.	3.8	34
13	Computational Approach to Understanding the Electrocatalytic Reaction Mechanism for the Process of Electrochemical Oxidation of Nitrite at a Ni-Co-Based Heterometallo-Supramolecular Polymer. <i>ACS Omega</i> , 2020, 5, 12882-12891.	3.5	14
14	Poly (brilliant cresyl blue)-reduced graphene oxide modified activated GCE for nitrite detection: Analyzing the synergistic interactions through experimental and computational study. <i>Electrochimica Acta</i> , 2020, 349, 136375.	5.2	18
15	Selective Detection of Dopamine at the AACVD Synthesized Palladium Nanoparticles and Understanding the Sensing Mechanism through Electrochemical and Computational Study. <i>Journal of the Electrochemical Society</i> , 2019, 166, B1528-B1542.	2.9	14
16	Porous tal palm carbon nanosheets: preparation, characterization and application for the simultaneous determination of dopamine and uric acid. <i>Nanoscale Advances</i> , 2019, 1, 613-626.	4.6	83
17	Fabrication of Nanostructured Pd Thin Films Using Aerosol-Assisted Chemical Vapor Deposition for the Nonenzymatic Electrochemical Detection of H_2O_2 . <i>ACS Applied Electronic Materials</i> , 2019, 1, 417-429.	4.3	24
18	Reduced Graphene Oxide Screen-Printed FTO as Highly Sensitive Electrodes for Simultaneous Determination of Dopamine and Uric Acid. <i>Journal of the Electrochemical Society</i> , 2018, 165, B174-B183.	2.9	46

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19	Cost-Effective Electrochemical Sensor Based on Carbon Nanotube Modified-Pencil Electrode for the Simultaneous Determination of Hydroquinone and Catechol. Journal of the Electrochemical Society, 2018, 165, B390-B397.	2.9	58