

Metin GenÄten

List of Publications by Year in descending order

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46
papers

1,436
citations

236912

25
h-index

345203

36
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all docs

46
docs citations

46
times ranked

696
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of different heteroatom doped graphene oxide based electrodes by electrochemical method and their supercapacitor applications. <i>Journal of Energy Storage</i> , 2021, 35, 102328.	8.1	111
2	A critical review on progress of the electrode materials of vanadium redox flow battery. <i>International Journal of Energy Research</i> , 2020, 44, 7903-7923.	4.5	99
3	One-step electrochemical preparation of graphene-coated pencil graphite electrodes by cyclic voltammetry and their application in vanadium redox batteries. <i>Electrochimica Acta</i> , 2017, 243, 239-249.	5.2	69
4	A novel copper (\pm) phthalocyanine-modified multiwalled carbon nanotube-based electrode for sensitive electrochemical detection of bisphenol A. <i>New Journal of Chemistry</i> , 2019, 43, 85-92.	2.8	69
5	One-step synthesized N-doped graphene-based electrode materials for supercapacitor applications. <i>Ionics</i> , 2021, 27, 2241-2256.	2.4	58
6	Electrochemical fabrication and supercapacitor performances of metallo phthalocyanine/functionalized-multiwalled carbon nanotube/polyaniline modified hybrid electrode materials. <i>Journal of Energy Storage</i> , 2021, 33, 102049.	8.1	56
7	Voltammetric and electrochemical impedimetric behavior of silica-based gel electrolyte for valve-regulated lead-acid battery. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 2469-2479.	2.5	54
8	A two-dimensional material for high capacity supercapacitors: S-doped graphene. <i>International Journal of Energy Research</i> , 2020, 44, 1624-1635.	4.5	53
9	One-step electrochemical preparation of ternary phthalocyanine/acid-activated multiwalled carbon nanotube/polypyrrole-based electrodes and their supercapacitor applications. <i>International Journal of Energy Research</i> , 2020, 44, 9093-9111.	4.5	45
10	Preparation of N-doped graphene-based electrode via electrochemical method and its application in vanadium redox flow battery. <i>International Journal of Energy Research</i> , 2018, 42, 3851-3860.	4.5	44
11	Novel chlorine doped graphene electrodes for positive electrodes of a vanadium redox flow battery. <i>International Journal of Energy Research</i> , 2018, 42, 3303-3314.	4.5	42
12	Cyclic voltammetric preparation of graphene-coated electrodes for positive electrode materials of vanadium redox flow battery. <i>Ionics</i> , 2018, 24, 3641-3654.	2.4	37
13	Electrochemical investigation of the effects of V(V) and sulfuric acid concentrations on positive electrolyte for vanadium redox flow battery. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 9868-9875.	7.1	36
14	Preparation of N-doped graphene powders by cyclic voltammetry and a potential application of them: Anode materials of Li-ion batteries. <i>International Journal of Energy Research</i> , 2019, 43, 5346-5354.	4.5	34
15	Preparation of a novel electrochemical sensor for phosphate detection based on a molybdenum blue modified poly(vinyl chloride) coated pencil graphite electrode. <i>Analytical Methods</i> , 2019, 11, 3874-3881.	2.7	33
16	A novel vanadium/cobalt redox couple in aqueous acidic solution for redox flow batteries. <i>International Journal of Energy Research</i> , 2020, 44, 411-424.	4.5	33
17	Fabrication of high-performance symmetrical coin cell supercapacitors by using one step and green synthesis sulfur doped graphene powders. <i>New Journal of Chemistry</i> , 2021, 45, 6928-6939.	2.8	33
18	A novel polysiloxane-based polymer as a gel agent for gel VRLA batteries. <i>Ionics</i> , 2017, 23, 2077-2089.	2.4	32

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19	N-Doped Graphene Oxide as Additive for Fumed Silica Based Gel Electrolyte of Valve Regulated Lead Acid Batteries. <i>Journal of the Electrochemical Society</i> , 2021, 168, 060512.	2.9	30
20	Anti-precipitation effects of TiO ₂ and TiOSO ₄ on positive electrolyte of vanadium redox battery. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 25608-25618.	7.1	28
21	Investigation the Effects of Boehmite and Gibbsite on the Electrochemical Behaviours of Gel-VRLA Batteries. <i>International Journal of Electrochemical Science</i> , 2018, 13, 11741-11751.	1.3	28
22	Investigation of acid red 88 oxidation in water by means of electro-Fenton method for water purification. <i>Chemosphere</i> , 2016, 146, 245-252.	8.2	27
23	A novel green and one-step electrochemical method for production of sulfur-doped graphene powders and their performance as an anode in Li-ion battery. <i>Ionics</i> , 2020, 26, 4909-4919.	2.4	27
24	Preparation of anatase form of TiO ₂ thin film at room temperature by electrochemical method as an alternative electron transport layer for inverted type organic solar cells. <i>Thin Solid Films</i> , 2020, 706, 138093.	1.8	27
25	Effect of γ - and β -alumina on the precipitation of positive electrolyte in vanadium redox battery. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 25598-25607.	7.1	26
26	A novel electrolyte additive for gel type valve regulated lead acid batteries: Sulfur doped graphene oxide. <i>International Journal of Energy Research</i> , 2021, 45, 21390-21402.	4.5	26
27	Electrochemical formation of molybdenum phosphate on a pencil graphite electrode and its potential application for the detection of phosphate ions. <i>Analytical Methods</i> , 2018, 10, 4282-4291.	2.7	23
28	A green approach to fabricate binder-free S-doped graphene oxide electrodes for vanadium redox battery. <i>International Journal of Energy Research</i> , 2021, 45, 2126-2137.	4.5	23
29	Synthesis of Phosphorus Doped Graphenes via the Yucel™s Method as the Positive Electrode of a Vanadium Redox Flow Battery. <i>Journal of the Electrochemical Society</i> , 2021, 168, 060504.	2.9	23
30	Novel composite materials consisting of polypyrrole and metal organic frameworks for supercapacitor applications. <i>Journal of Energy Storage</i> , 2022, 48, 103699.	8.1	23
31	A performance comparison of protective silicate-coated lead and non-coated lead electrodes in various kind electrolytes of gel valve-regulated lead-acid battery. <i>Ionics</i> , 2018, 24, 3655-3664.	2.4	20
32	Modern practices in electrophoretic deposition to manufacture energy storage electrodes. <i>International Journal of Energy Research</i> , 2022, 46, 13205-13250.	4.5	17
33	A detailed investigation on electro-Fenton treatment of propachlor: Mineralization kinetic and degradation intermediates. <i>Chemosphere</i> , 2015, 136, 167-173.	8.2	16
34	A novel interface layer for inverted perovskite solar cells fabricated in ambient air under high humidity conditions. <i>Solar Energy</i> , 2020, 209, 400-407.	6.1	16
35	Chrome and cobalt-based novel electrolyte systems for redox flow batteries. <i>International Journal of Energy Research</i> , 2020, 44, 8014-8023.	4.5	16
36	One-step synthesis of nitrogen-doped graphene powders and application of them as high-performance symmetrical coin cell supercapacitors in different aqueous electrolyte. <i>International Journal of Energy Research</i> , 2022, 46, 7348-7373.	4.5	15

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37	Effect of UV exposure of ITO/PEDOT:PSS substrates on the performance of inverted-type perovskite solar cells. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 7968-7980.	2.2	13
38	A novel electrolytes for redox flow batteries: Cerium and chromium couples in aqueous system. <i>International Journal of Energy Research</i> , 2021, 45, 16176-16188.	4.5	12
39	Preparation of Copper Doped Conducting Polymers and Their Supercapacitor Applications. <i>ECS Journal of Solid State Science and Technology</i> , 2022, 11, 033004.	1.8	12
40	Production of chlorine-containing functional group doped graphene powders using Yucel's method as anode materials for Li-ion batteries. <i>RSC Advances</i> , 2021, 11, 40059-40071.	3.6	10
41	A new approach to prepare N-doped free-standing graphene oxides for vanadium redox flow battery. <i>International Journal of Energy Research</i> , 2022, 46, 19992-20003.	4.5	10
42	Investigation of supercapacitor properties of chlorine-containing functional groups doped graphene electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2022, 918, 116438.	3.8	9
43	New Approach Synthesis of S, N Co-Doped Graphenes for High-Performance Supercapacitors. <i>ChemistrySelect</i> , 2022, 7, .	1.5	8
44	Thiophene Functionalized Porphyrin for Electrochemical Carbon Dioxide Reduction. <i>Journal of the Electrochemical Society</i> , 2021, 168, 126512.	2.9	7
45	Differential Pulse Voltammetric (DPV) Determination of Phosphomolybdenum Complexes by a Poly(Vinyl Chloride) Coated Molybdenum Blue Modified Pencil Graphite Electrode (PVC-MB-PGE). <i>Analytical Letters</i> , 2021, 54, 492-511.	1.8	5
46	Investigation the Effects of Tetrahydrofuran and Dimethyl Sulfoxide on the Positive Electrolyte of Vanadium Redox Battery. <i>Journal of Natural and Applied Sciences</i> , 2018, 22, 1114-1120.	0.4	1