Metin GenÃten

List of Publications by Year
in descending order

46 papers	1,436 citations	236925 25 h-index	330143 37 g-index
46 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. Journal of Energy Storage, 2021, 35, 102328.	8.1	111
2	A critical review on progress of the electrode materials of vanadium redox flow battery. International Journal of Energy Research, 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. Electrochimica Acta, 2017, 243, 239-249.	5.2	69
4	A novel copper(<scp>Ä±Ä±</scp>) phthalocyanine-modified multiwalled carbon nanotube-based electrode for sensitive electrochemical detection of bisphenol A. New Journal of Chemistry, 2019, 43, 85-92.	2.8	69
5	One-step synthesized N-doped graphene-based electrode materials for supercapacitor applications. Ionics, 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. Journal of Energy Storage, 2021, 33, 102049.	8.1	56
7	Voltammetric and electrochemical impedimetric behavior of silica-based gel electrolyte for valve-regulated lead-acid battery. Journal of Solid State Electrochemistry, 2014, 18, 2469-2479.	2.5	54
8	A twoâ€dimensional material for high capacity supercapacitors: Sâ€doped graphene. International Journal of Energy Research, 2020, 44, 1624-1635.	4.5	53
9	Oneâ€step electrochemical preparation of ternary phthalocyanine/acidâ€activated multiwalled carbon nanotube/polypyrroleâ€based electrodes and their supercapacitor applications. International Journal of Energy Research, 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. International Journal of Energy Research, 2018, 42, 3851-3860.	4.5	44
11	Novel chlorine doped graphene electrodes for positive electrodes of a vanadium redox flow battery. International Journal of Energy Research, 2018, 42, 3303-3314.	4.5	42
12	Cyclic voltammetric preparation of graphene-coated electrodes for positive electrode materials of vanadium redox flow battery. Ionics, 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. International Journal of Hydrogen Energy, 2016, 41, 9868-9875.	7.1	36
14	Preparation of Nâ€doped graphene powders by cyclic voltammetry and a potential application of them: Anode materials of Liâ€ion batteries. International Journal of Energy Research, 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. Analytical Methods, 2019, 11, 3874-3881.	2.7	33
16	A novel vanadium/cobalt redox couple in aqueous acidic solution for redox flow batteries. International Journal of Energy Research, 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. New Journal of Chemistry, 2021, 45, 6928-6939.	2.8	33
18	A novel polysiloxane-based polymer as a gel agent for gelâ€“VRLA batteries. Ionics, 2017, 23, 2077-2089.	2.4	32

#	Article	IF	Citations
19	N-Doped Graphene Oxide as Additive for Fumed Silica Based Gel Electrolyte of Valve Regulated Lead Acid Batteries. Journal of the Electrochemical Society, 2021, 168, 060512.	2.9	30
20	Anti-precipitation effects of TiO2 and TiOSO4 on positive electrolyte of vanadium redox battery. International Journal of Hydrogen Energy, 2017, 42, 25608-25618.	7.1	28
21	Investigation the Effects of Boehmite and Gibbsite on the Electrochemical Behaviours of Gel-VRLA Batteries. International Journal of Electrochemical Science, 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. Chemosphere, 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. Ionics, 2020, 26, 4909-4919.	2.4	27
24	Preparation of anatase form of TiO2 thin film at room temperature by electrochemical method as an alternative electron transport layer for inverted type organic solar cells. Thin Solid Films, 2020, 706, 138093.	1.8	27
25	Effect of Î±- and Î³-alumina on the precipitation of positive electrolyte in vanadium redox battery. International Journal of Hydrogen Energy, 2017, 42, 25598-25607.	7.1	26
26	A novel electrolyte additive for gel type valve regulated lead acid batteries: Sulfur doped graphene oxide. International Journal of Energy Research, 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. Analytical Methods, 2018, 10, 4282-4291.	2.7	23
28	A green approach to fabricate <scp>binderâ€free Sâ€doped</scp> graphene oxide electrodes for vanadium redox battery. International Journal of Energy Research, 2021, 45, 2126-2137.	4.5	23
29	Synthesis of Phosphorus Doped Graphenes via the Yucelâ€™s Method as the Positive Electrode of a Vanadium Redox Flow Battery. Journal of the Electrochemical Society, 2021, 168, 060504.	2.9	23
30	Novel composite materials consisting of polypyrrole and metal organic frameworks for supercapacitor applications. Journal of Energy Storage, 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. Ionics, 2018, 24, 3655-3664.	2.4	20
32	Modern practices in electrophoretic deposition to manufacture energy storage electrodes. International Journal of Energy Research, 2022, 46, 13205-13250.	4.5	17
33	A detailed investigation on electro-Fenton treatment of propachlor: Mineralization kinetic and degradation intermediates. Chemosphere, 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. Solar Energy, 2020, 209, 400-407.	6.1	16
35	Chrome and cobaltâ€based novel electrolyte systems for redox flow batteries. International Journal of Energy Research, 2020, 44, 8014-8023.	4.5	16
36	<scp>Oneâ€step</scp>synthesis of nitrogenâ€doped graphene powders and application of them as<scp>highâ€performance</scp>symmetrical coin cell supercapacitors in different aqueous electrolyte. International Journal of Energy Research, 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. Journal of Materials Science: Materials in Electronics, 2020, 31, 7968-7980.	2.2	13
38	A novel electrolytes for redox flow batteries: Cerium and chromium couples in aqueous system. International Journal of Energy Research, 2021, 45, 16176-16188.	4.5	12
39	Preparation of Copper Doped Conducting Polymers and Their Supercapacitor Applications. ECS Journal of Solid State Science and Technology, 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. RSC Advances, 2021, 11, 40059-40071.	3.6	10
41	A new approach to prepare Nâ€ Sâ€doped freeâ€standing graphene oxides for vanadium redox flow battery. International Journal of Energy Research, 2022, 46, 19992-20003.	4.5	10
42	Investigation of supercapacitor properties of chlorine-containing functional groups doped graphene electrodes. Journal of Electroanalytical Chemistry, 2022, 918, 116438.	3.8	9
43	New Approach Synthesis of S, N Coâ€Doped Graphenes for Highâ€Performance Supercapacitors. ChemistrySelect, 2022, 7, .	1.5	8
44	Thiophene Functionalized Porphyrin for Electrochemical Carbon Dioxide Reduction. Journal of the Electrochemical Society, 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). Analytical Letters, 2021, 54, 492-511.	1.8	5
46	Investigation the Effects of Tetrahydrofuran and Dimethyl Sulfoxide on the Positive Electrolyte of Vanadium Redox Battery. Journal of Natural and Applied Sciences, 2018, 22, 1114-1120.	0.4	1