

Metin Genten

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43
papers

707
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h-index

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g-index

46
ext. papers

1,093
ext. citations

4.4
avg, IF

5.33
L-index

#	Paper	IF	Citations
43	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	6.7	49
42	A novel copper(II)phthalocyanine-modified multiwalled carbon nanotube-based electrode for sensitive electrochemical detection of bisphenol A. <i>New Journal of Chemistry</i> , 2019 , 43, 85-92	3.6	48
41	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	38
40	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	2.6	36
39	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	7.8	35
38	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	30
37	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	30
36	A two-dimensional material for high capacity supercapacitors: S-doped graphene. <i>International Journal of Energy Research</i> , 2020 , 44, 1624-1635	4.5	29
35	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	28
34	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	6.7	27
33	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	7.8	24
32	Cyclic voltammetric preparation of graphene-coated electrodes for positive electrode materials of vanadium redox flow battery. <i>Ionics</i> , 2018 , 24, 3641-3654	2.7	23
31	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	3.2	22
30	Investigation of acid red 88 oxidation in water by means of electro-Fenton method for water purification. <i>Chemosphere</i> , 2016 , 146, 245-52	8.4	21
29	A novel polysiloxane-based polymer as a gel agent for gel VRLA batteries. <i>Ionics</i> , 2017 , 23, 2077-2089	2.7	19
28	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	19
27	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	18

26	One-step synthesized N-doped graphene-based electrode materials for supercapacitor applications. <i>Ionics</i> , 2021 , 27, 2241-2256	2.7	18
25	Investigation the Effects of Boehmite and Gibbsite on the Electrochemical Behaviours of Gel-VRLA Batteries. <i>International Journal of Electrochemical Science</i> , 2018 , 11741-11751	2.2	17
24	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	6.7	15
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	2.7	15
22	Effect of γ -Alumina on the precipitation of positive electrolyte in vanadium redox battery. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 25598-25607	6.7	14
21	A detailed investigation on electro-Fenton treatment of propachlor: Mineralization kinetic and degradation intermediates. <i>Chemosphere</i> , 2015 , 136, 167-73	8.4	14
20	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	3.9	14
19	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	3.2	11
18	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	2.2	10
17	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	6.8	10
16	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	3.6	10
15	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	2.7	9
14	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	9
13	Chrome and cobalt-based novel electrolyte systems for redox flow batteries. <i>International Journal of Energy Research</i> , 2020 , 44, 8014-8023	4.5	8
12	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	2.1	6
11	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	5
10	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	4.5	5
9	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	2.2	4

8	Novel composite materials consisting of polypyrrole and metal organic frameworks for supercapacitor applications. <i>Journal of Energy Storage</i> , 2021 , 103699	7.8	3
7	Synthesis of Phosphorus Doped Graphenes via the Yucel Method as the Positive Electrode of a Vanadium Redox Flow Battery. <i>Journal of the Electrochemical Society</i> , 2021 , 168, 060504	3.9	3
6	Preparation of Copper Doped Conducting Polymers and Their Supercapacitor Applications. <i>ECS Journal of Solid State Science and Technology</i> , 2022 , 11, 033004	2	3
5	Modern practices in electrophoretic deposition to manufacture energy storage electrodes. <i>International Journal of Energy Research</i> ,	4.5	2
4	Thiophene Functionalized Porphyrin for Electrochemical Carbon Dioxide Reduction. <i>Journal of the Electrochemical Society</i> ,	3.9	1
3	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	3.7	1
2	Tetrahidrofuran ve Dimetil Sülfoksitin Vanadyum Redoks Bataryadaki Pozitif Elektrolit Üzerine Olan Etkilerinin Araştırılması <i>Journal of Natural and Applied Sciences</i> , 1114-1120	0	1
1	Investigation of Supercapacitor Properties of Chlorine-containing Functional Groups Doped Graphene Electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2022 , 116438	4.1	1