Ahmed S Etman

List of Publications by Year
in descending order

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27	899	535685 17	591227 27
papers	citations	h-index	g-index

27	27	27	1736
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ti1.1V0.7Cr Nb1.0Ta0.6C3T high-entropy MXene freestanding films for charge storage applications. Electrochemistry Communications, 2022, 137, 107264.	2.3	23
2	Exploring the electrochemical behavior of Mo1.33CTz MXene in aqueous sulfates electrolytes: Effect of intercalating cations on the stored charge. Journal of Power Sources, 2022, 531, 231302.	4.0	6
3	MXene-based Zn-ion hybrid supercapacitors: Effects of anion carriers and MXene surface coatings on the capacities and life span. Journal of Energy Storage, 2022, 52, 104823.	3.9	12
4	Tailored synthesis approach of (Mo_{2/3}Y_{1/3})₂AlC i-MAX and its two-dimensional derivative Mo_{1.33}CT_z MXene: enhancing the yield, quality, and performance in supercapacitor applications. Nanoscale, 2021, 13, 311-319.	2.8	22
5	Fabrication of Mo_{1.33}CT_z(MXene)â€“cellulose freestanding electrodes for supercapacitor applications. Materials Advances, 2021, 2, 743-753.	2.6	15
6	Boosting the volumetric capacitance of MoO3-x free-standing films with Ti3C2 MXene. Electrochimica Acta, 2021, 370, 137665.	2.6	34
7	Mixed MXenes: Mo1.33CTz and Ti3C2Tz freestanding composite films for energy storage. Nano Energy, 2021, 88, 106271.	8.2	21
8	Flexible Freeâ€Standing MoO₃/Ti₃C₂T_z MXene Composite Films with High Gravimetric and Volumetric Capacities. Advanced Science, 2021, 8, 2003656.	5.6	59
9	Mo1.33CTzâ€“Ti3C2Tz mixed MXene freestanding films for zinc-ion hybrid supercapacitors. Materials Today Energy, 2021, 22, 100878.	2.5	17
10	On the Capacities of Freestanding Vanadium Pentoxideâ€“Carbon Nanotubeâ€“Nanocellulose Paper Electrodes for Charge Storage Applications. Energy Technology, 2020, 8, 2000731.	1.8	4
11	Liquid-like Interfaces Mediate Structural Phase Transitions in Lead Halide Perovskites. Matter, 2020, 3, 534-545.	5.0	42
12	Acetonitrileâ€Based Electrolytes for Rechargeable Zinc Batteries. Energy Technology, 2020, 8, 2000358.	1.8	19
13	Flexible Freestanding MoO 3â^' x â€“Carbon Nanotubesâ€“Nanocellulose Paper Electrodes for Chargeâ€Storage Applications. ChemSusChem, 2019, 12, 5157-5163.	3.6	20
14	Insights into the Exfoliation Process of V₂O₅Â·nH₂O Nanosheet Formation Using Real-Time ⁵¹V NMR. ACS Omega, 2019, 4, 10899-10905.	1.6	12
15	A heavy metal-free CuInS₂ quantum dot sensitized NiO photocathode with a Re molecular catalyst for photoelectrochemical CO₂ reduction. Chemical Communications, 2019, 55, 7918-7921.	2.2	21
16	Pressure-induced semiconductor-to-metal phase transition of a charge-ordered indium halide perovskite. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23404-23409.	3.3	45
17	Solution-processed nanoporous NiO-dye-ZnO photocathodes: Toward efficient and stable solid-state p-type dye-sensitized solar cells and dye-sensitized photoelectrosynthesis cells. Nano Energy, 2019, 55, 59-64.	8.2	36
18	Molybdenum Oxide Nanosheets with Tunable Plasmonic Resonance: Aqueous Exfoliation Synthesis and Charge Storage Applications. Advanced Functional Materials, 2019, 29, 1806699.	7.8	55

#	Article	IF	Citations
19	V2O5Â·nH2O nanosheets and multi-walled carbon nanotube composite as a negative electrode for sodium-ion batteries. Journal of Energy Chemistry, 2019, 30, 145-151.	7.1	26
20	Facile Water-Based Strategy for Synthesizing MoO_{3â€“x} Nanosheets: Efficient Visible Light Photocatalysts for Dye Degradation. ACS Omega, 2018, 3, 2193-2201.	1.6	135
21	Observation of Interpenetration Isomerism in Covalent Organic Frameworks. Journal of the American Chemical Society, 2018, 140, 6763-6766.	6.6	144
22	Covalently linking CuInS₂ quantum dots with a Re catalyst by click reaction for photocatalytic CO₂ reduction. Dalton Transactions, 2018, 47, 10775-10783.	1.6	37
23	Synthesis and Structure Determination of Largeâ€Pore Zeolite SCMâ€14. Chemistry - A European Journal, 2017, 23, 16829-16834.	1.7	24
24	A Water Based Synthesis of Ultrathin Hydrated Vanadium Pentoxide Nanosheets for Lithium Battery Application: Free Standing Electrodes or Conventionally Casted Electrodes?. Electrochimica Acta, 2017, 252, 254-260.	2.6	14
25	A one-step water based strategy for synthesizing hydrated vanadium pentoxide nanosheets from VO₂(B) as free-standing electrodes for lithium battery applications. Journal of Materials Chemistry A, 2016, 4, 17988-18001.	5.2	38
26	Electrochemical Deposition of Manganese Oxides on Carbon Nanosheets. ECS Transactions, 2014, 61, 1-7.	0.3	1
27	Effect of Film Morphology on the Li Ion Intercalation Kinetics in Anodic Porous Manganese Dioxide Thin Films. Journal of Physical Chemistry C, 2014, 118, 9889-9898.	1.5	17