

Thangjam Ibomcha Singh

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Alkaline Water Splitting Enhancement by MOF-Derived Fe-Co Oxide/Co@NC@mNS Heterostructure: Boosting OER and HER through Defect Engineering and In Situ Oxidation. <i>Small</i> , 2021, 17, e2101312.	5.2	166
2	Remarkable Bifunctional Oxygen and Hydrogen Evolution Electrocatalytic Activities with Trace-Level Fe Doping in Ni- and Co-Layered Double Hydroxides for Overall Water-Splitting. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 42453-42468.	4.0	107
3	Fe and P Doped 1T-Phase Enriched WS ₂ -Dendritic Nanostructures for Efficient Overall Water Splitting. <i>Applied Catalysis B: Environmental</i> , 2021, 286, 119897.	10.8	88
4	Embedded PEDOT:PSS/AgNFs network flexible transparent electrode for solid-state supercapacitor. <i>Chemical Engineering Journal</i> , 2019, 359, 197-207.	6.6	84
5	A core-shell MnO ₂ @Au nanofiber network as a high-performance flexible transparent supercapacitor electrode. <i>Journal of Materials Chemistry A</i> , 2019, 7, 10672-10683.	5.2	83
6	Flexible transparent supercapacitor with core-shell Cu@Ni@NiCoS nanofibers network electrode. <i>Chemical Engineering Journal</i> , 2020, 395, 125019.	6.6	82
7	Metal-Organic Framework-Derived Fe/Co-based Bifunctional Electrode for H ₂ Production through Water and Urea Electrolysis. <i>ChemSusChem</i> , 2019, 12, 4810-4823.	3.6	64
8	Co-MOF@MXene-carbon nanofiber-based freestanding electrodes for a flexible and wearable quasi-solid-state supercapacitor. <i>Chemical Engineering Journal</i> , 2022, 437, 135338.	6.6	58
9	High-performance solid-state hybrid supercapacitor enabled by metal-organic framework-derived multi-component hybrid electrodes of Co-Ni-C nanofibers and Co ₂ xFe _x P-Ni-C micropillars. <i>Journal of Materials Chemistry A</i> , 2020, 8, 26158-26174.	5.2	53
10	Mesoporous iron sulfide nanoparticles anchored graphene sheet as an efficient and durable catalyst for oxygen reduction reaction. <i>Journal of Power Sources</i> , 2019, 427, 91-100.	4.0	45
11	Metal organic framework-derived cobalt telluride-carbon porous structured composites for high-performance supercapacitor. <i>Composites Part B: Engineering</i> , 2021, 211, 108624.	5.9	45
12	Freestanding 1T-Mn _x Mo _{1-x} S ₂ Se _y and MoFe ₂ S ₄ Se _z Ultrathin Nanosheet-Structured Electrodes for Highly Efficient Flexible Solid-State Asymmetric Supercapacitors. <i>Small</i> , 2020, 16, e2001691.	5.2	43
13	Covalent doping of Ni and P on 1T-enriched MoS ₂ bifunctional 2D-nanostructures with active basal planes and expanded interlayers boosts electrocatalytic water splitting. <i>Journal of Materials Chemistry A</i> , 2020, 8, 19654-19664.	5.2	41
14	High Alkaline Water-Splitting Activity of Mesoporous 3D Heterostructures: An Amorphous@Crystalline Core Nano-Assembly of Co-Ni-Phosphate Ultrathin Nanosheets and V-Doped Cobalt Nitride Nanowires. <i>Advanced Science</i> , 2022, 9, .	6.6	41
15	One-step electrodeposited MoS ₂ @Ni-mesh electrode for flexible and transparent asymmetric solid-state supercapacitors. <i>Journal of Materials Chemistry A</i> , 2020, 8, 24040-24052.	5.2	34
16	Ni-nanoclusters hybridized 1T-Mn-VTe ₂ mesoporous nanosheets for ultra-low potential water splitting. <i>Applied Catalysis B: Environmental</i> , 2022, 301, 120780.	10.8	32
17	Effects of the composition of reduced graphene oxide/carbon nanofiber nanocomposite on charge storage behaviors. <i>Composites Part B: Engineering</i> , 2019, 178, 107500.	5.9	30
18	Pragmatically designed tetragonal copper ferrite super-architectures as advanced multifunctional electrodes for solid-state supercapacitors and overall water splitting. <i>Chemical Engineering Journal</i> , 2021, 415, 127779.	6.6	16