

Tolendra Kshetri

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,605
citations

304368

22
h-index

580395

25
g-index

25
all docs

25
docs citations

25
times ranked

1671
citing authors

#	ARTICLE	IF	CITATIONS
1	Freestanding Binder-Free Electrodes with Nanodisk-Needle-like MnCuCo-LTH and Mn ₁ Fe ₂ S ₂ Porous Microthorns for High-Performance Quasi-Solid-State Supercapacitors. ACS Applied Materials & Interfaces, 2022, 14, 12523-12537.	4.0	10
2	Co-MOF@MXene-carbon nanofiber-based freestanding electrodes for a flexible and wearable quasi-solid-state supercapacitor. Chemical Engineering Journal, 2022, 437, 135338.	6.6	58
3	Cation and anion (de)intercalation into MXene/Perovskite oxides for high-rate intercalation pseudocapacitance. Energy Storage Materials, 2022, 50, 86-95.	9.5	28
4	Fibrous asymmetric supercapacitor based on wet spun MXene/PAN Fiber-derived multichannel porous MXene/CF negatrod and NiCo ₂ S ₄ electrodeposited MXene/CF positrod. Chemical Engineering Journal, 2022, 449, 137732.	6.6	44
5	Recent progress on single atom/sub-nano electrocatalysts for energy applications. Progress in Materials Science, 2021, 115, 100711.	16.0	27
6	Recent advances in MXene-based nanocomposites for electrochemical energy storage applications. Progress in Materials Science, 2021, 117, 100733.	16.0	97
7	Metal organic framework-derived cobalt telluride-carbon porous structured composites for high-performance supercapacitor. Composites Part B: Engineering, 2021, 211, 108624.	5.9	45
8	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. Small, 2021, 17, e2101312.	5.2	166
9	Covalently bonded boron nitride quantum dot and reduced graphene oxide composite electrode for highly efficient supercapacitors. Composites Part B: Engineering, 2021, 222, 109089.	5.9	21
10	Ternary graphene-carbon nanofibers-carbon nanotubes structure for hybrid supercapacitor. Chemical Engineering Journal, 2020, 380, 122543.	6.6	157
11	Vertically grown and intertwined Co(OH) ₂ nanosheet@Ni-mesh network for transparent flexible supercapacitor. Chemical Engineering Journal, 2020, 391, 123540.	6.6	44
12	High-performance solid-state hybrid supercapacitor enabled by metal-organic framework-derived multi-component hybrid electrodes of Co-Na-C nanofibers and Co ₂ xFe _x P-Na-C micropillars. Journal of Materials Chemistry A, 2020, 8, 26158-26174.	5.2	53
13	Freestanding 1T-MnMo ₁ S ₂ and MoFe ₂ S ₄ Ultrathin Nanosheet-Structured Electrodes for Highly Efficient Flexible Solid-State Asymmetric Supercapacitors. Small, 2020, 16, e2001601.	5.2	43
14	Hierarchical patterns on laminated composite bilayer films via surface roughness-mediated buckling instability. Composites Part B: Engineering, 2020, 190, 107929.	5.9	10
15	Flexible transparent supercapacitor with core-shell Cu@Ni@NiCoS nanofibers network electrode. Chemical Engineering Journal, 2020, 395, 125019.	6.6	82
16	Metal-Organic Framework-Derived Fe/Co-based Bifunctional Electrode for H ₂ Production through Water and Urea Electrolysis. ChemSusChem, 2019, 12, 4810-4823.	3.6	64
17	Effects of the composition of reduced graphene oxide/carbon nanofiber nanocomposite on charge storage behaviors. Composites Part B: Engineering, 2019, 178, 107500.	5.9	30
18	Embedded PEDOT:PSS/AgNFs network flexible transparent electrode for solid-state supercapacitor. Chemical Engineering Journal, 2019, 359, 197-207.	6.6	84

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19	Hierarchical material of carbon nanotubes grown on carbon nanofibers for high performance electrochemical capacitor. <i>Chemical Engineering Journal</i> , 2018, 345, 39-47.	6.6	66
20	Recent advances in two-dimensional transition metal dichalcogenides-graphene heterostructured materials for electrochemical applications. <i>Progress in Materials Science</i> , 2018, 96, 51-85.	16.0	132
21	Novel hydroxylated boron nitride functionalized <i>p</i> -phenylenediamine-grafted graphene: an excellent filler for enhancing the barrier properties of polyurethane. <i>Journal of Materials Chemistry A</i> , 2018, 6, 21501-21515.	5.2	53
22	Emerging core-shell nanostructured catalysts of transition metal encapsulated by two-dimensional carbon materials for electrochemical applications. <i>Nano Today</i> , 2018, 22, 100-131.	6.2	86
23	Layer-by-layer assembled polyelectrolyte-decorated graphene multilayer film for hydrogen gas barrier application. <i>Composites Part B: Engineering</i> , 2017, 114, 339-347.	5.9	40
24	An embedded-PVA@Ag nanofiber network for ultra-smooth, high performance transparent conducting electrodes. <i>Journal of Materials Chemistry C</i> , 2017, 5, 4198-4205.	2.7	35
25	Sunlight-driven sustainable production of hydrogen peroxide using a CdS@graphene hybrid photocatalyst. <i>Journal of Catalysis</i> , 2017, 345, 78-86.	3.1	130