Dheeraj Kumar Singh

List of Publications by Year
in descending order

30 papers	1,232 citations	471509 17 h-index	414414 32 g-index
35 all docs	35 docs citations	35 times ranked	2152 citing authors

#	Article	IF	Citations
1	Lightâ€Harvesting Hybrid Hydrogels: Energyâ€Transferâ€Induced Amplified Fluorescence in Noncovalently Assembled Chromophoreâ€“Organoclay Composites. Angewandte Chemie - International Edition, 2011, 50, 1179-1184.	13.8	158
2	Lightâ€Harvesting Supramolecular Phosphors: Highly Efficient Room Temperature Phosphorescence in Solution and Hydrogels. Angewandte Chemie - International Edition, 2021, 60, 19720-19724.	13.8	135
3	Aqueous Phase Phosphorescence: Ambient Triplet Harvesting of Purely Organic Phosphors via Supramolecular Scaffolding. Angewandte Chemie - International Edition, 2018, 57, 17115-17119.	13.8	101
4	No More HF: Teflonâ€Assisted Ultrafast Removal of Silica to Generate Highâ€Surfaceâ€Area Mesostructured Carbon for Enhanced CO₂ Capture and Supercapacitor Performance. Angewandte Chemie - International Edition, 2016, 55, 2032-2036.	13.8	88
5	Two in one: N-doped tubular carbon nanostructure as an efficient metal-free dual electrocatalyst for hydrogen evolution and oxygen reduction reactions. Journal of Materials Chemistry A, 2017, 5, 6025-6031.	10.3	73
6	Flexible MOFâ€“aminoclay nanocomposites showing tunable stepwise/gated sorption for C₂H₂, CO₂ and separation for CO₂/N₂ and CO₂/CH₄. Journal of Materials Chemistry A, 2017, 5, 8423-8430.	10.3	67
7	Oxidative Dehydrogenation of Propane over a High Surface Area Boron Nitride Catalyst: Exceptional Selectivity for Olefins at High Conversion. ACS Omega, 2018, 3, 369-374.	3.5	65
8	MOFâ€“aminoclay composites for superior CO₂ capture, separation and enhanced catalytic activity in chemical fixation of CO₂. Chemical Communications, 2016, 52, 11378-11381.	4.1	62
9	Reinstating plasticity and memory in a tauopathy mouse model with an acetyltransferase activator. EMBO Molecular Medicine, 2018, 10, .	6.9	61
10	Sodium Cobalt Metaphosphate as an Efficient Oxygen Evolution Reaction Catalyst in Alkaline Solution. Angewandte Chemie - International Edition, 2019, 58, 8330-8335.	13.8	60
11	Encapsulation of Silver Nanoparticles in an Amineâ€Functionalized Porphyrin Metalâ€“Organic Framework and Its Use as a Heterogeneous Catalyst for CO₂ Fixation under Atmospheric Pressure. Chemistry - an Asian Journal, 2018, 13, 2677-2684.	3.3	40
12	Honeycomb Porous Framework of Zinc(II): Effective Host for Palladium Nanoparticles for Efficient Threeâ€Component (A³) Coupling and Selective Gas Storage. ChemPlusChem, 2012, 77, 743-747.	2.8	38
13	Dual targeting of folate receptor-expressing glioma tumor-associated macrophages and epithelial cells in the brain using a carbon nanosphereâ€“cationic folate nanoconjugate. Nanoscale Advances, 2019, 1, 3555-3567.	4.6	29
14	In Situ Growth of Self-Assembled ZIF-8â€“Aminoclay Nanocomposites with Enhanced Surface Area and CO₂ Uptake. Inorganic Chemistry, 2017, 56, 9426-9435.	4.0	26
15	Shape-directed compartmentalized delivery of a nanoparticle-conjugated small-molecule activator of an epigenetic enzyme in the brain. Journal of Controlled Release, 2015, 217, 151-159.	9.9	25
16	Size and morphology controlled NiSe nanoparticles as efficient catalyst for the reduction reactions. Journal of Solid State Chemistry, 2016, 244, 84-92.	2.9	14
17	Bio-inspired temporal regulation of ion-transport in nanochannels. Nanoscale Advances, 2019, 1, 1847-1852.	4.6	12
18	Reversible control of pore size and surface chemistry of mesoporous silica through dynamic covalent chemistry: philicity mediated catalysis. Nanoscale, 2015, 7, 13358-13362.	5.6	11

#	Article	IF	Citations
19	An Extremely High Surface Area Mesoporous-Microporous-Networked Pillared Carbon for High Stability Li-S and Intermediate Temperature Na-S Batteries. ChemistrySelect, 2017, 2, 9249-9255.	1.5	11
20	Pick a Wick: A Simple, Ultrafast Combustion Synthesis of Co₃O₄ Dispersed Carbon for Enhanced Oxygen Evolution Kinetics. ACS Applied Energy Materials, 2018, 1, 4448-4452.	5.1	11
21	Frontispiz: Sodium Cobalt Metaphosphate as an Efficient Oxygen Evolution Reaction Catalyst in Alkaline Solution. Angewandte Chemie, 2019, 131, .	2.0	11
22	Improvement in Oxygen Evolution Performance of NiFe Layered Double Hydroxide Grown in the Presence of 1T-Rich MoS₂. ACS Applied Materials & Interfaces, 2022, 14, 31951-31961.	8.0	8
23	Simple and Facile Approach To Create Charge Reversible Pores via Hydrophobic Anchoring of Ionic Amphiphiles. ACS Applied Materials & Interfaces, 2017, 9, 9136-9142.	8.0	7
24	Facts or Artifacts: Pitfalls in Quantifying Sub-ppm Levels of Ammonia Produced from Electrochemical Nitrogen Reduction. ACS Omega, 2022, 7, 1874-1882.	3.5	7
25	No More HF: Teflonâ€Assisted Ultrafast Removal of Silica to Generate Highâ€Surfaceâ€Area Mesostructured Carbon for Enhanced CO₂ Capture and Supercapacitor Performance. Angewandte Chemie, 2016, 128, 2072-2076.	2.0	5
26	Nanoscale Engineering of Grapheneâ€Viologen Based 3D Covalent Organic Polymer Interfaces Leading to Efficient Chargeâ€Transfer for Pseudocapacitive Energy Storage. ChemistrySelect, 2019, 4, 8089-8094.	1.5	4
27	Sodium Cobalt Metaphosphate as an Efficient Oxygen Evolution Reaction Catalyst in Alkaline Solution. Angewandte Chemie, 2019, 131, 8418-8423.	2.0	1
28	Shaping up: spontaneous formation of ordered mesoscopic salt bowls. RSC Advances, 2012, 2, 5947.	3.6	0
29	Frontispiece: Sodium Cobalt Metaphosphate as an Efficient Oxygen Evolution Reaction Catalyst in Alkaline Solution. Angewandte Chemie - International Edition, 2019, 58, .	13.8	0
30	Single step strategy for crafting tin/carbon soot composite as highly stable Liâ€ion battery anode. Electrochemical Science Advances, 0, , e2100019.	2.8	0