

Ashish Singh

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

607
citations

758635

12
h-index

794141

19
g-index

19
all docs

19
docs citations

19
times ranked

491
citing authors

#	ARTICLE	IF	CITATIONS
1	Colocalization of light harvesting and catalytic units in a β -softâ€™™ coordination polymer hydrogel toward visible-light driven photocatalytic hydrogen production. <i>Journal of Materials Chemistry A</i> , 2021, 9, 13608-13614.	5.2	30
2	Stabilization of ultra-small gold nanoparticles in a photochromic organic cage: modulating photocatalytic CO ₂ reduction by tuning light irradiation. <i>Journal of Materials Chemistry A</i> , 2021, 9, 5780-5786.	5.2	26
3	Metal-Free Catalysis: A Redox-Active Donorâ€™Acceptor Conjugated Microporous Polymer for Selective Visible-Light-Driven CO ₂ Reduction to CH ₄ . <i>Journal of the American Chemical Society</i> , 2021, 143, 16284-16292.	6.6	155
4	Photo-modulated wide-spectrum chromism in Eu ³⁺ and Eu ³⁺ /Tb ³⁺ photochromic coordination polymer gels: application in decoding secret information. <i>Chemical Science</i> , 2021, 12, 2674-2682.	3.7	44
5	Charge-transfer regulated visible light driven photocatalytic H ₂ production and CO ₂ reduction in tetrathiafulvalene based coordination polymer gel. <i>Nature Communications</i> , 2021, 12, 7313.	5.8	71
6	Ironâ€™Carbon Hybrid Magnetic Nanosheets for Adsorption-Removal of Organic Dyes and 4-Nitrophenol from Aqueous Solution. <i>ACS Applied Nano Materials</i> , 2020, 3, 1571-1582.	2.4	72
7	Bimodal Heterogeneous Functionality in Redoxâ€™Active Conjugated Microporous Polymer toward Electrocatalytic Oxygen Reduction and Photocatalytic Hydrogen Evolution. <i>Chemistry - A European Journal</i> , 2020, 26, 3810-3817.	1.7	11
8	Unraveling the Effect on Luminescent Properties by Postsynthetic Covalent and Noncovalent Grafting of gfp Chromophore Analogues in Nanoscale MOF-808. <i>Inorganic Chemistry</i> , 2020, 59, 8251-8258.	1.9	18
9	Partially Graphitized Ironâ€™Carbon Hybrid Composite as an Electrochemical Supercapacitor Material. <i>ChemElectroChem</i> , 2020, 7, 1928-1934.	1.7	7
10	Photochromic Conjugated Microporous Polymer Manifesting Bio-Inspired pcFRET and Logic Gate Functioning. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 20991-20997.	4.0	28
11	Photoswitchable J-Aggregated Processable Organogel by Integrating a Photochromic Acceptor. <i>Journal of Organic Chemistry</i> , 2019, 84, 10946-10952.	1.7	11
12	Realization of Oxygen Reduction and Evolution Electrocatalysis by In Situ Stabilization of Co Nanoparticles in a Redoxâ€™Active Donorâ€™Acceptor Porous Organic Polymer. <i>ChemElectroChem</i> , 2019, 6, 3756-3763.	1.7	19
13	<i>Gfp</i> chromophore integrated conjugated microporous polymers: topological and ESPT effects on emission properties. <i>Chemical Communications</i> , 2019, 55, 2837-2840.	2.2	13
14	Tuning Thin Film Properties by Structural Modulations in Red Fluorescent Protein Chromophore Analogues. <i>ChemistrySelect</i> , 2019, 4, 13320-13326.	0.7	1
15	Protonation of the imino nitrogen deactivates the excited state of imidazolin-5-one in the solid state. <i>Journal of Chemical Sciences</i> , 2018, 130, 1.	0.7	1
16	Metallophthalocyanine-based redox active metalâ€™organic conjugated microporous polymers for OER catalysis. <i>Chemical Communications</i> , 2018, 54, 4465-4468.	2.2	64
17	Red fluorescence protein chromophore inspired selective optical chemosensor for Cu ²⁺ and Hg ²⁺ metal ions. <i>Journal of Luminescence</i> , 2017, 182, 220-225.	1.5	17
18	Introduction of an electron push-pull system yields a planar Red Kaede fluorescence protein chromophore analogue stabilized by a C = Oâ€™Î interaction. <i>Journal of Chemical Sciences</i> , 2015, 127, 941-948.	0.7	10

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19	Tuning of intermolecular interactions results in packing diversity in imidazolin-5-ones. Journal of Chemical Sciences, 2014, 126, 1275-1284.	0.7	9