

Niranjana Meher

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19
papers

463
citations

10
h-index

20
g-index

20
ext. papers

591
ext. citations

6.5
avg, IF

4.67
L-index

#	Paper	IF	Citations
19	Design and Development of Naphthalimide Luminogens 2022 , 559-586		
18	Smart Luminogens for the Detection of Organic Volatile Contaminants 2022 , 491-509		
17	Synthesis and Preliminary Biological Assessment of Carborane-Loaded Theranostic Nanoparticles to Target Prostate-Specific Membrane Antigen. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 54739-54752 ¹	9.5	17
16	Long Alkyl Chain Induced OFET Characteristic with Low Threshold Voltage in an n-Type Perylene Monoimide Semiconductor. <i>ACS Applied Electronic Materials</i> , 2021 , 3, 3575-3587	4	3
15	Stepwise elucidation of fluorescence based sensing mechanisms considering picric acid as a model analyte. <i>Analyst, The</i> , 2020 , 145, 4753-4767	5	17
14	A conformational tweak for enhanced cellular internalization, photobleaching resistance and prolonged imaging efficacy. <i>Chemical Communications</i> , 2020 , 56, 14861-14864	5.8	1
13	Functional group engineering in naphthalimides: a conceptual insight to fine-tune the supramolecular self-assembly and condensed state luminescence. <i>Nanoscale</i> , 2019 , 11, 13233-13242	7.7	23
12	Condition Assessment of Aged Ester-Based Nanofluid Through Physicochemical and Spectroscopic Measurement. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2019 , 68, 4853-4863	5.2	15
11	Self-Assembled Naphthalimide Nanoparticles for Nonvolatile ReRAM Devices: An Efficient Approach toward High Performance Solution-Processed and All-Organic Two-Terminal Resistive Memory Devices. <i>ACS Applied Electronic Materials</i> , 2019 , 1, 2437-2444	4	4
10	An Unprecedented Blueshifted Naphthalimide AIEEgen for Ultrasensitive Detection of 4-Nitroaniline in Water via "Receptor-Free" IFE Mechanism. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 4725-4731	4.5	7
9	Polyfluorene-Based Bioconjugates for Selective Detection of Ferritin in Normal and Cancer Human Blood Serums. <i>ACS Applied Polymer Materials</i> , 2019 , 1, 18-26	4.3	5
8	Aldehyde group driven aggregation-induced enhanced emission in naphthalimides and its application for ultradetection of hydrazine on multiple platforms. <i>Chemical Science</i> , 2018 , 9, 3978-3985	9.4	83
7	Spontaneously Self-Assembled Naphthalimide Nanosheets: Aggregation-Induced Emission and Unveiling a-PET for Sensitive Detection of Organic Volatile Contaminants in Water. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 8488-8492	16.4	53
6	Spontaneously Self-Assembled Naphthalimide Nanosheets: Aggregation-Induced Emission and Unveiling a-PET for Sensitive Detection of Organic Volatile Contaminants in Water. <i>Angewandte Chemie</i> , 2018 , 130, 8624-8628	3.6	10
5	Modulating Early Stage Amyloid Aggregates by Dipeptide-Linked Perylenebisimides: Structure-Activity Relationship, Inhibition of Fibril Formation in Human CSF and A β -40.. <i>ACS Applied Bio Materials</i> , 2018 , 1, 403-413	4.1	3
4	Functional 1,8-Naphthalimide AIE/AIEEgens: Recent Advances and Prospects. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 12081-12111	9.5	151
3	Pendant chain engineering to fine-tune the nanomorphologies and solid state luminescence of naphthalimide AIEEgens: application to phenolic nitro-explosive detection in water. <i>Nanoscale</i> , 2017 , 9, 7674-7685	7.7	34

2	Modulation of Amyloid Aggregates into Nontoxic Coaggregates by Hydroxyquinoline Appended Polyfluorene. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 13309-19	9-5	16
1	Aggregation induced emission enhancement and growth of naphthalimide nanoribbons via J-aggregation: insight into disaggregation induced unfolding and detection of ferritin at the nanomolar level. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 6023-6031	7-3	37