

Niranjana Meher

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8884409/niranjana-meher-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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 | Functional 1,8-Naphthalimide AIE/AIEEgens: Recent Advances and Prospects. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 12081-12111 | 9.5 | 151 |
| 18 | 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 |
| 17 | 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 |
| 16 | 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 |
| 15 | 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 |
| 14 | 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 |
| 13 | Stepwise elucidation of fluorescence based sensing mechanisms considering picric acid as a model analyte. <i>Analyst</i> , 2020 , 145, 4753-4767 | 5 | 17 |
| 12 | Modulation of Amyloid Aggregates into Nontoxic Coaggregates by Hydroxyquinoline Appended Polyfluorene. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 13309-19 | 9.5 | 16 |
| 11 | 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 |
| 10 | 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 |
| 9 | 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 |
| 8 | 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 |
| 7 | 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 |
| 6 | 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 |
| 5 | 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 |
| 4 | 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 | 9.5 | 1 |
| 3 | A conformational tweak for enhanced cellular internalization, photobleaching resistance and prolonged imaging efficacy. <i>Chemical Communications</i> , 2020 , 56, 14861-14864 | 5.8 | 1 |

2 Design and Development of Naphthalimide Luminogens **2022**, 559-586

1 Smart Luminogens for the Detection of Organic Volatile Contaminants **2022**, 491-509