

# Kousik Gayen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11719921/publications.pdf>

Version: 2024-02-01

11  
papers

294  
citations

1163117

8  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

442  
citing authors

#	ARTICLE	IF	CITATIONS
1	Amphiphilic Peptide-Based Supramolecular, Noncytotoxic, Stimuli-Responsive Hydrogels with Antibacterial Activity. <i>Biomacromolecules</i> , 2017, 18, 3621-3629.	5.4	127
2	Amino-Acid-Based Metallo-Hydrogel That Acts Like an Esterase. <i>ACS Applied Bio Materials</i> , 2018, 1, 1717-1724.	4.6	35
3	Carbon nanodot-induced gelation of a histidine-based amphiphile: application as a fluorescent ink, and modulation of gel stiffness. <i>Chemical Communications</i> , 2018, 54, 4341-4344.	4.1	23
4	Different Color Emissive Copper Nanoclusters for Cancer Cell Imaging. <i>ChemNanoMat</i> , 2017, 3, 808-814.	2.8	19
5	Assembly of amino acid containing naphthalene diimide-based molecules: the role of intervening amide groups in self-assembly, gelation, optical and semiconducting properties. <i>Soft Matter</i> , 2019, 15, 3018-3026.	2.7	19
6	TiO <sub>2</sub> Nanoparticles Incorporated Peptide Appended Perylene Bisimide-Based Nanohybrid System: Enhancement of Photo-Switching Behavior. <i>Journal of Physical Chemistry C</i> , 2017, 121, 5428-5435.	3.1	17
7	The aging effect on the enhancement of thermal stability, mechanical stiffness and fluorescence properties of histidine-appended naphthalenediimide based two-component hydrogels. <i>Soft Matter</i> , 2020, 16, 10106-10114.	2.7	15
8	A Self-Assembled Peptide-Appended Naphthalene Diimide: A Fluorescent Switch for Sensing Acid and Base Vapors. <i>ChemPlusChem</i> , 2019, 84, 1673-1680.	2.8	14
9	Tuning of the optoelectronic properties of peptide-appended core-substituted naphthalenediimides: the role of self-assembly of two positional isomers. <i>Soft Matter</i> , 2021, 17, 7168-7176.	2.7	9
10	Solvent-Directed Transformation of the Self-assembly and Optical Property of a Peptide-Appended Core-Substituted Naphthalenediimide and Selective Detection of Nitrite Ions in an Aqueous Medium. <i>Langmuir</i> , 2021, 37, 9577-9587.	3.5	8
11	Yellow-Emitting Carbon Dots for Selective Fluorescence Imaging of Lipid Droplets in Living Cells. <i>Langmuir</i> , 2022, 38, 8829-8836.	3.5	8