

Santanu Panja

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4828944/santanu-panja-publications-by-year.pdf>

Version: 2024-04-27

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.

34
papers

623
citations

16
h-index

24
g-index

42
ext. papers

850
ext. citations

6.1
avg, IF

5.27
L-index

#	Paper	IF	Citations
34	Dosimetric gelator probes and their application as sensors. <i>Journal of the Indian Chemical Society</i> , 2022 , 100359		0
33	Using Rheology to Understand Transient and Dynamic Gels.. <i>Gels</i> , 2022 , 8,	4.2	1
32	Programming Gels Over a Wide pH Range Using Multicomponent Systems. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 9973-9977	16.4	14
31	Urea-Urease Reaction in Controlling Properties of Supramolecular Hydrogels: Pros and Cons. <i>Chemistry - A European Journal</i> , 2021 , 27, 8928-8939	4.8	9
30	Naphthalene-Coupled Pyridinium Urea Salt in Fluorometric Sensing of Iodide. <i>ChemistrySelect</i> , 2021 , 6, 6353-6359	1.8	1
29	Supramolecular gels in cyanide sensing: a review. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 584-602	7.8	18
28	Varying the hydrophobic spacer to influence multicomponent gelation. <i>Chemical Communications</i> , 2021 , 57, 7898-7901	5.8	3
27	Mimicking evolution of hini-homeostatic modules in supramolecular systems. <i>Giant</i> , 2021 , 5, 100041	5.6	5
26	Programming Gels Over a Wide pH Range Using Multicomponent Systems. <i>Angewandte Chemie</i> , 2021 , 133, 10061-10065	3.6	2
25	Controlling hydrogel properties by tuning non-covalent interactions in a charge complementary multicomponent system. <i>Chemical Science</i> , 2021 , 12, 11197-11203	9.4	7
24	Stimuli responsive dynamic transformations in supramolecular gels. <i>Chemical Society Reviews</i> , 2021 , 50, 5165-5200	58.5	51
23	Effect of Substitution at Amine Functionality of 2,6-Diaminopyridine-Coupled Rhodamine on Metal-Ion Interaction and Self-Assembly. <i>ACS Omega</i> , 2020 , 5, 13984-13993	3.9	10
22	Programming properties of transient hydrogels by an enzymatic reaction. <i>Nanoscale</i> , 2020 , 12, 12840-12848	7.7	11
21	Pathway Dependence in Redox-Driven Metal-Organic Gels. <i>Chemistry - A European Journal</i> , 2020 , 26, 6130-6135	4.8	7
20	Progress in Benzimidazole/Benzimidazolium-Derived Supramolecular Gelators in Ion Recognition. <i>Mini-Reviews in Organic Chemistry</i> , 2020 , 17, 1042-1055	1.7	4
19	Annealing Supramolecular Gels by a Reaction Relay. <i>Chemistry of Materials</i> , 2020 , 32, 5264-5271	9.6	19
18	Chemically Fuelled Self-Regulating Gel-to-Gel Transition. <i>ChemSystemsChem</i> , 2020 , 2, e1900038	3.1	19

17	Temporally-Programmed Transient Supramolecular Gels. <i>Macromolecular Rapid Communications</i> , 2019 , 40, e1900251	4.8	36
16	Gel to gel transitions by dynamic self-assembly. <i>Chemical Communications</i> , 2019 , 55, 10154-10157	5.8	33
15	Maintaining homogeneity during a sol-gel transition by an autocatalytic enzyme reaction. <i>Chemical Communications</i> , 2018 , 55, 47-50	5.8	23
14	Pyridine/pyridinium symmetrical bisamides as functional materials: aggregation, selective sensing and drug release. <i>New Journal of Chemistry</i> , 2018 , 42, 6488-6497	3.6	36
13	Pyridine coupled mono and bisbenzimidazoles as supramolecular gelators: selective metal ion sensing and ionic conductivity. <i>Materials Chemistry Frontiers</i> , 2018 , 2, 385-395	7.8	28
12	Visual Sensing of Ag ⁺ Ions through Gelation of Cholesterol- Appended Benzimidazole and Associated Ion Conducting Behaviour. <i>ChemistrySelect</i> , 2017 , 2, 959-966	1.8	15
11	Naphthalene and pyrrole substituted guanidine in selective sensing of Cu ²⁺ , Hg ²⁺ , Pb ²⁺ and CN ⁻ ions under different conditions. <i>Supramolecular Chemistry</i> , 2017 , 29, 528-535	1.8	7
10	Fluorophore inserted bisbenzimidazole clefts in selective sensing of Ag ⁺ and Cu ²⁺ ions. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017 , 348, 110-117	4.7	8
9	Cholesterol-Appended Benzimidazolium Salts: Synthesis, Aggregation, Sensing, Dye Adsorption, and Semiconducting Properties. <i>Langmuir</i> , 2017 , 33, 8277-8288	4	27
8	Naphthalene-cholesterol conjugate as simple gelator for selective sensing of CN ⁻ ion. <i>Supramolecular Chemistry</i> , 2017 , 29, 350-359	1.8	28
7	Cholesterol appended bis-1,2,3-triazoles as simple supramolecular gelators for the naked eye detection of Ag ⁺ , Cu ²⁺ and Hg ²⁺ ions. <i>New Journal of Chemistry</i> , 2016 , 40, 3476-3483	3.6	36
6	CholesterolBased Bisamides on Biphenyl Backbone: A Case of Selective Visual Sensing of F ⁻ and H ₂ PO ₄ ⁻ through Breaking and Making of Gels. <i>ChemistrySelect</i> , 2016 , 1, 3667-3674	1.8	13
5	Naphthalene linked pyridyl urea as a supramolecular gelator: a new insight into naked eye detection of I ⁻ in the gel state with semiconducting behaviour. <i>RSC Advances</i> , 2015 , 5, 72772-72779	3.7	21
4	Rhodamine-linked pyridyl thiourea as a receptor for selective recognition of F ⁻ Al ³⁺ and Ag ⁺ under different conditions. <i>Supramolecular Chemistry</i> , 2015 , 27, 490-500	1.8	14
3	Coumarin-based supramolecular gelator: a case of selective detection of F ⁻ and HP ₂ O ₇ ³⁻ RSC <i>Advances</i> , 2015 , 5, 12094-12099	3.7	32
2	Progress of 3-aminopyridinium-based synthetic receptors in anion recognition. <i>RSC Advances</i> , 2014 , 4, 20114-20130	3.7	20
1	Ion conducting cholesterol appended pyridinium bisamide-based gel for the selective detection of Ag ⁺ and Cl ⁻ ions. <i>RSC Advances</i> , 2014 , 4, 3732-3737	3.7	56