

# Santanu Panja

## List of Publications by Citations

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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.

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	Ion conducting cholesterol appended pyridinium bisamide-based gel for the selective detection of Ag <sup>+</sup> and Cl <sup>-</sup> ions. <i>RSC Advances</i> , <b>2014</b> , 4, 3732-3737	3.7	56
33	Stimuli responsive dynamic transformations in supramolecular gels. <i>Chemical Society Reviews</i> , <b>2021</b> , 50, 5165-5200	58.5	51
32	Temporally-Programmed Transient Supramolecular Gels. <i>Macromolecular Rapid Communications</i> , <b>2019</b> , 40, e1900251	4.8	36
31	Pyridine/pyridinium symmetrical bisamides as functional materials: aggregation, selective sensing and drug release. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 6488-6497	3.6	36
30	Cholesterol appended bis-1,2,3-triazoles as simple supramolecular gelators for the naked eye detection of Ag <sup>+</sup> , Cu <sup>2+</sup> and Hg <sup>2+</sup> ions. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 3476-3483	3.6	36
29	Gel to gel transitions by dynamic self-assembly. <i>Chemical Communications</i> , <b>2019</b> , 55, 10154-10157	5.8	33
28	Coumarin-based supramolecular gelator: a case of selective detection of F <sup>-</sup> and H <sub>2</sub> O <sub>7</sub> P <sub>3</sub> . <i>RSC Advances</i> , <b>2015</b> , 5, 12094-12099	3.7	32
27	Pyridine coupled mono and bisbenzimidazoles as supramolecular gelators: selective metal ion sensing and ionic conductivity. <i>Materials Chemistry Frontiers</i> , <b>2018</b> , 2, 385-395	7.8	28
26	Naphthalene-cholesterol conjugate as simple gelator for selective sensing of CN <sup>-</sup> ion. <i>Supramolecular Chemistry</i> , <b>2017</b> , 29, 350-359	1.8	28
25	Cholesterol-Appended Benzimidazolium Salts: Synthesis, Aggregation, Sensing, Dye Adsorption, and Semiconducting Properties. <i>Langmuir</i> , <b>2017</b> , 33, 8277-8288	4	27
24	Maintaining homogeneity during a sol-gel transition by an autocatalytic enzyme reaction. <i>Chemical Communications</i> , <b>2018</b> , 55, 47-50	5.8	23
23	Naphthalene linked pyridyl urea as a supramolecular gelator: a new insight into naked eye detection of I <sup>-</sup> in the gel state with semiconducting behaviour. <i>RSC Advances</i> , <b>2015</b> , 5, 72772-72779	3.7	21
22	Progress of 3-aminopyridinium-based synthetic receptors in anion recognition. <i>RSC Advances</i> , <b>2014</b> , 4, 20114-20130	3.7	20
21	Annealing Supramolecular Gels by a Reaction Relay. <i>Chemistry of Materials</i> , <b>2020</b> , 32, 5264-5271	9.6	19
20	Chemically Fuelled Self-Regulating Gel-to-Gel Transition. <i>ChemSystemsChem</i> , <b>2020</b> , 2, e1900038	3.1	19
19	Supramolecular gels in cyanide sensing: a review. <i>Materials Chemistry Frontiers</i> , <b>2021</b> , 5, 584-602	7.8	18
18	Visual Sensing of Ag <sup>+</sup> Ions through Gelation of Cholesterol- Appended Benzimidazole and Associated Ion Conducting Behaviour. <i>ChemistrySelect</i> , <b>2017</b> , 2, 959-966	1.8	15

17	Rhodamine-linked pyridyl thiourea as a receptor for selective recognition of $\text{Al}^{3+}$ and $\text{Ag}^+$ under different conditions. <i>Supramolecular Chemistry</i> , <b>2015</b> , 27, 490-500	1.8	14
16	Programming Gels Over a Wide pH Range Using Multicomponent Systems. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 9973-9977	16.4	14
15	Cholesterol-Based Bisamides on Biphenyl Backbone: A Case of Selective Visual Sensing of $\text{F}^-$ and $\text{H}_2\text{PO}_4^-$ through Breaking and Making of Gels. <i>ChemistrySelect</i> , <b>2016</b> , 1, 3667-3674	1.8	13
14	Programming properties of transient hydrogels by an enzymatic reaction. <i>Nanoscale</i> , <b>2020</b> , 12, 12840-12848	7.7	11
13	Effect of Substitution at Amine Functionality of 2,6-Diaminopyridine-Coupled Rhodamine on Metal-Ion Interaction and Self-Assembly. <i>ACS Omega</i> , <b>2020</b> , 5, 13984-13993	3.9	10
12	Urea-Urease Reaction in Controlling Properties of Supramolecular Hydrogels: Pros and Cons. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 8928-8939	4.8	9
11	Fluorophore inserted bisbenzimidazole clefts in selective sensing of $\text{Ag}^+$ and $\text{Cu}^{2+}$ ions. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2017</b> , 348, 110-117	4.7	8
10	Naphthalene and pyrrole substituted guanidine in selective sensing of $\text{Cu}^{2+}$ , $\text{Hg}^{2+}$ , $\text{Pb}^{2+}$ and $\text{CN}^-$ ions under different conditions. <i>Supramolecular Chemistry</i> , <b>2017</b> , 29, 528-535	1.8	7
9	Pathway Dependence in Redox-Driven Metal-Organic Gels. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 6130-6135	4.8	7
8	Controlling hydrogel properties by tuning non-covalent interactions in a charge complementary multicomponent system. <i>Chemical Science</i> , <b>2021</b> , 12, 11197-11203	9.4	7
7	Mimicking evolution of $\text{pH}$ -homeostatic modules in supramolecular systems. <i>Giant</i> , <b>2021</b> , 5, 100041	5.6	5
6	Progress in Benzimidazole/Benzimidazolium-Derived Supramolecular Gelators in Ion Recognition. <i>Mini-Reviews in Organic Chemistry</i> , <b>2020</b> , 17, 1042-1055	1.7	4
5	Varying the hydrophobic spacer to influence multicomponent gelation. <i>Chemical Communications</i> , <b>2021</b> , 57, 7898-7901	5.8	3
4	Programming Gels Over a Wide pH Range Using Multicomponent Systems. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 10061-10065	3.6	2
3	Naphthalene-Coupled Pyridinium Urea Salt in Fluorometric Sensing of Iodide. <i>ChemistrySelect</i> , <b>2021</b> , 6, 6353-6359	1.8	1
2	Using Rheology to Understand Transient and Dynamic Gels.. <i>Gels</i> , <b>2022</b> , 8,	4.2	1
1	Dosimetric gelator probes and their application as sensors. <i>Journal of the Indian Chemical Society</i> , <b>2022</b> , 100359		0