

# Tanmoy Kar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6257779/publications.pdf>

Version: 2024-02-01

10  
papers

550  
citations

1040056

9  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

798  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Organogelation and Hydrogelation of Low-Molecular-Weight Amphiphilic Dipeptides: pH Responsiveness in Phase-Selective Gelation and Dye Removal. <i>Langmuir</i> , 2009, 25, 8639-8648. | 3.5 | 154       |
| 2  | Gel-nanocomposites: materials with promising applications. <i>Soft Matter</i> , 2012, 8, 2348-2365.  | 2.7 | 148       |
| 3  | pH-Triggered conversion of soft nanocomposites: in situ synthesized AuNP-hydrogel to AuNP-organogel. <i>Soft Matter</i> , 2010, 6, 4777.   | 2.7 | 49        |
| 4  | Pyrene-Based Fluorescent Ambidextrous Gelators: Scaffolds for Mechanically Robust SWNT-Gel Nanocomposites. <i>Chemistry - A European Journal</i> , 2014, 20, 1349-1358.                | 3.3 | 47        |
| 5  | Organogel-Hydrogel Transformation by Simple Removal or Inclusion of <i>N</i> -Boc-Protection. <i>Chemistry - A European Journal</i> , 2011, 17, 14952-14961.                           | 3.3 | 35        |
| 6  | Organogelation through self-assembly of low-molecular-mass amphiphilic peptide. <i>New Journal of Chemistry</i> , 2014, 38, 1158.  | 2.8 | 35        |
| 7  | Low molecular weight gels: potential in remediation of crude oil spillage and recovery. <i>RSC Advances</i> , 2016, 6, 53415-53420.  | 3.6 | 29        |
| 8  | Influence of pristine SWNTs in supramolecular hydrogelation: scaffold for superior peroxidase activity of cytochrome c. <i>Chemical Communications</i> , 2012, 48, 8389.               | 4.1 | 24        |
| 9  | pH-responsive reversible dispersion of biocompatible SWNT/graphene-amphiphile hybrids. <i>Journal of Materials Chemistry</i> , 2012, 22, 6623.   | 6.7 | 22        |
| 10 | Pyrene-based fluorescent supramolecular hydrogel: scaffold for nanoparticle synthesis. <i>Journal of Physical Organic Chemistry</i> , 2020, 33, e4026.                                 | 1.9 | 7         |