

# Amit Nag

## List of Publications by Year in descending order

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20  
papers

475  
citations

687363

13  
h-index

752698

20  
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all docs

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docs citations

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times ranked

534  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Surface-Enhanced Raman Trajectories on a Nano-Dumbbell: Transition from Field to Charge Transfer Plasmons as the Spheres Fuse. ACS Nano, 2012, 6, 10343-10354.                               | 14.6 | 120       |
| 2  | Functionalized Chitosanâ€“Carbon Dots: A Fluorescent Probe for Detecting Trace Amount of Water in Organic Solvents. ACS Omega, 2019, 4, 11301-11311.   | 3.5  | 71        |
| 3  | Metal-Enhanced Fluorescence Study in Aqueous Medium by Coupling Gold Nanoparticles and Fluorophores Using a Bilayer Vesicle Platform. ACS Omega, 2019, 4, 5983-5990.                         | 3.5  | 43        |
| 4  | Red-Emitting Carbon Dots as a Dual Sensor for In <sup>3+</sup> and Pd <sup>2+</sup> in Water. ACS Omega, 2020, 5, 8362-8372.   | 3.5  | 34        |
| 5  | Selective Zn <sup>2+</sup> sensing using a modified bipyridine complex. RSC Advances, 2014, 4, 25605.  | 3.6  | 24        |
| 6  | Synthesis, Detailed Characterization, and Dual Drug Delivery Application of BSA Loaded Aquasomes. ACS Applied Bio Materials, 2019, 2, 4471-4484.   | 4.6  | 23        |
| 7  | A metal-enhanced fluorescence sensing platform for selective detection of picric acid in aqueous medium. Analytica Chimica Acta, 2020, 1129, 12-23.  | 5.4  | 23        |
| 8  | Probing the surface composition effect of silver-gold alloy in SERS efficiency. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 578, 123638.                         | 4.7  | 22        |
| 9  | Green Synthesis of Full-Color Fluorescent Carbon Nanoparticles from Eucalyptus Twigs for Sensing the Synthetic Food Colorant and Bioimaging. ACS Omega, 2020, 5, 19905-19918.                | 3.5  | 20        |
| 10 | Bimetallic Agâ€“Cu Alloy Microflowers as SERS Substrates with Single-Molecule Detection Limit. Langmuir, 2021, 37, 13027-13037.  | 3.5  | 20        |
| 11 | Deciphering the Role of Bilayer of a Niosome towards Controlling the Entrapment and Release of Dyes. ChemistrySelect, 2018, 3, 3930-3938.  | 1.5  | 17        |
| 12 | Selective detection of fluoride using fused quinoline systems: effect of pyrrole. RSC Advances, 2015, 5, 57231-57234.  | 3.6  | 15        |
| 13 | Zinc(II) Ion Sensing in Aqueous Micellar Solution Using Modified Bipyridineâ€“Based â€“Turnâ€“Onâ€“Fluorescent Probes and its Application in Bioimaging. ChemPlusChem, 2016, 81, 1339-1348.  | 2.8  | 14        |
| 14 | Tuning the phase transition temperature of hybrid Span60-L64 thermoresponsive niosomes: Insights from fluorescence and Raman spectroscopy. Journal of Molecular Liquids, 2021, 340, 117110.  | 4.9  | 9         |
| 15 | Selective Sensing of Iron by Pyrrolo[2,3-c]Quinolines. Journal of Fluorescence, 2019, 29, 271-277.   | 2.5  | 6         |
| 16 | FRET-Mediated Zn <sup>2+</sup> Sensing in Aqueous Micellar Solution: Application in Cellular Imaging and Molecular Logic Gate. ChemistrySelect, 2017, 2, 8731-8737.                          | 1.5  | 5         |
| 17 | Red-emitting carbon nanoparticles with unprecedented singlet oxygen generation efficiency for cancer theranostics. Journal of Photochemistry and Photobiology B: Biology, 2021, 225, 112335. | 3.8  | 3         |
| 18 | Gold nanoparticle induced enhancement of molecular fluorescence for Zn <sup>2+</sup> detection in aqueous niosome solution. , 2016, , .  |      | 1         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Exploring the membrane fluidity of phenyl boronic acid functionalized polymersomes using the FRAP technique and their application in the pH-sensitive release of curcumin. <i>New Journal of Chemistry</i> , 2022, 46, 11329-11340.  | 2.8 | 1         |
| 20 | Identifying high performance photosensitizer with simultaneous enhancement in fluorescence and singlet oxygen generation, from $\tilde{\sim}$ (Ag/Au)-aggregation-induced emission-active fluorogen $\tilde{\sim}$ ™ theranostic nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 649, 129448. | 4.7 | 1         |