

# Satya sarker

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/964533/publications.pdf>

Version: 2024-02-01

16  
papers

286  
citations

933447

10  
h-index

940533

16  
g-index

18  
all docs

18  
docs citations

18  
times ranked

345  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of the Antibacterial Activity and in vivo Cytotoxicity of Biogenic Silver Nanoparticles as Potent Therapeutics. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 239.	4.1	64
2	Functionalization of Elongated Tetrahedral Au Nanoparticles and Their Antimicrobial Activity Assay. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 13450-13459.	8.0	38
3	Iron Oxide Nanoparticles for Breast Cancer Theranostics. <i>Current Drug Metabolism</i> , 2019, 20, 446-456.	1.2	26
4	Investigation of the Phytochemicals, Antioxidant, and Antimicrobial Activity of the &lt;i>Andrographis paniculata&lt;/i> Leaf and Stem Extracts. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2017, 08, 149-162.	0.7	25
5	Synthesis of Biogenic Silver Nanoparticles Using <i>Caesalpinia digyna</i> and Investigation of Their Antimicrobial Activity and <i>In Vivo</i> Biocompatibility. <i>ACS Applied Bio Materials</i> , 2020, 3, 7722-7733.	4.6	20
6	Modulation of Local Cellular Activities using a Photothermal Dye-Based Subcellular-Sized Heat Spot. <i>ACS Nano</i> , 2022, 16, 9004-9018.	14.6	17
7	Surface-Functionalized Polypropylene Surgical Mesh for Enhanced Performance and Biocompatibility. <i>ACS Applied Bio Materials</i> , 2019, 2, 5905-5915.	4.6	16
8	Investigation of the Phytoconstituents and Bioactivity of Various Parts of Wild Type and Cultivated &lt;i>Phyllanthus emblica&lt;/i> L.. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2017, 08, 211-227.	0.7	16
9	Three-dimensional directional nerve guide conduits fabricated by dopamine-functionalized conductive carbon nanofibre-based nanocomposite ink printing. <i>RSC Advances</i> , 2020, 10, 40351-40364.	3.6	12
10	Functionalized Concave Cube Gold Nanoparticles as Potent Antimicrobial Agents against Pathogenic Bacteria. <i>ACS Applied Bio Materials</i> , 2022, 5, 492-503.	4.6	11
11	Phytochemical contents, antioxidant and antibacterial activity of the ethanolic extracts of <i>Centella asiatica</i> (L.) Urb. leaf and stem. <i>Jahangirnagar University Journal of Biological Sciences</i> , 2017, 6, 51-57.	0.3	10
12	Nanodiamond&lt;math>\chi</math>chitosan functionalized hernia mesh for biocompatibility and antimicrobial activity. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 2449-2461.	4.0	10
13	Evaluation of plasmid DNA stability against ultrasonic shear stress and its <i>in vitro</i> delivery efficiency using ionic liquid [Bmim][PF<sub>6</sub>]. <i>RSC Advances</i> , 2019, 9, 29225-29231.	3.6	7
14	Chelation of zinc(II) with poly(&lt;sup>3</sup>-glutamic acid) in aqueous solution: kinetics, binding constant, and its antimicrobial activity. <i>Polymer Bulletin</i> , 2021, 78, 1353-1377.	3.3	7
15	tRNA diversification among uncultured archeon clones. <i>Bioinformatics</i> , 2018, 14, 357-360.	0.5	4
16	Diospyros malabarica Fruit Extract Derived Silver Nanoparticles: A Biocompatible Antibacterial Agent. <i>Frontiers in Nanotechnology</i> , 2022, 4, .	4.8	3