# Saswat Mohapatra

List of Publications by Year
in descending order



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|---|---|---|---|
| 31 papers | 679 citations | 567281 15 h-index | 552781 26 g-index |
| 31 all docs | 31 docs citations | 31 times ranked | 1161 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Designed hybrid anticancer nuclear-localized peptide inhibits aggressive cancer cell proliferation. RSC Medicinal Chemistry, 2022, 13, 196-201. | 3.9 | 4 |
| 2 | Re-programming mouse liver-resident invariant natural killer T cells for suppressing hepatic and diabetogenic autoimmunity. Nature Communications, 2022, 13, . | 12.8 | 7 |
| 3 | Power of an Organic Electron Acceptor in Modulation of Intracellular Mitochondrial Reactive Oxygen Species: Inducing JNK- and Caspase-Dependent Apoptosis of Cancer Cells. ACS Omega, 2021, 6, 7815-7828. | 3.5 | 2 |
| 4 | Liver-specific T regulatory type-1 cells program local neutrophils to suppress hepatic autoimmunity via CRAMP. Cell Reports, 2021, 34, 108919. | 6.4 | 12 |
| 5 | A Small Molecule with Bridged Carbonyl and Triâ€fluoroâ€acetoâ€phenone Groups Impedes Microtubule Dynamics and Subsequently Triggers Cancer Cell Apoptosis. ChemMedChem, 2021, 16, 2703-2714. | 3.2 | 1 |
| 6 | Tracking the Footprints of Paclitaxel Delivery and Mechanistic Action via SERS Trajectory in Glioblastoma Cells. ACS Biomaterials Science and Engineering, 2020, 6, 5254-5263. | 5.2 | 4 |
| 7 | Ubiquitous antigen-specific T regulatory type 1 cells variably suppress hepatic and extrahepatic autoimmunity. Journal of Clinical Investigation, 2020, 130, 1823-1829. | 8.2 | 31 |
| 8 | Mitochondria-Targeted New Blue Light-Emitting Fluorescent Molecular Probe. ACS Omega, 2019, 4, 9361-9366. | 3.5 | 2 |
| 9 | Spatial Position Regulates Power of Tryptophan: Discovery of a Major-Groove-Specific Nuclear-Localizing, Cell-Penetrating Tetrapeptide. Journal of the American Chemical Society, 2018, 140, 1697-1714. | 13.7 | 36 |
| 10 | Designed Tetrapeptide Interacts with Tubulin and Microtubule. Langmuir, 2018, 34, 1123-1132. | 3.5 | 16 |
| 11 | Neurosphere Development from Hippocampal and Cortical Embryonic Mixed Primary Neuron Culture: A Potential Platform for Screening Neurochemical Modulator. ACS Chemical Neuroscience, 2018, 9, 2870-2878. | 3.5 | 12 |
| 12 | Biodegradable Neuro-Compatible Peptide Hydrogel Promotes Neurite Outgrowth, Shows Significant Neuroprotection, and Delivers Anti-Alzheimer Drug. ACS Applied Materials & Interfaces, 2017, 9, 5067-5076. | 8.0 | 57 |
| 13 | Self-assembling soft structures for intracellular NO release and promotion of neurite outgrowth. Chemical Science, 2017, 8, 6171-6175. | 7.4 | 14 |
| 14 | Cancer Cell Specific Delivery of Photosystem I Through Integrin Targeted Liposome Shows Significant Anticancer Activity. ACS Applied Materials & Interfaces, 2017, 9, 176-188. | 8.0 | 23 |
| 15 | Antimitoic Peptides: Synergistic Anticancer Effect of Peptideâ€Docetaxel Nanoassembly Targeted to Tubulin: Toward Development of Dual Warhead Containing Nanomedicine (Adv. Healthcare Mater.) Tj ETQq1 1 0.784314 rgBT /Overlock | 8.4 | |
| 16 | Synergistic Anticancer Effect of Peptideâ€Docetaxel Nanoassembly Targeted to Tubulin: Toward Development of Dual Warhead Containing Nanomedicine. Advanced Healthcare Materials, 2017, 6, 1600718. | 7.6 | 18 |
| 17 | A Dualâ€Targeting Octaguanidineâ€“Doxorubicin Conjugate Transporter for Inducing Caspaseâ€Mediated Apoptosis on Folateâ€Expressing Cancer Cells. ChemMedChem, 2016, 11, 702-712. | 3.2 | 11 |
| 18 | Î±-Cyclodextrin Interacts Close to Vinblastine Site of Tubulin and Delivers Curcumin Preferentially to the Tubulin Surface of Cancer Cell. ACS Applied Materials & Interfaces, 2016, 8, 13793-13803. | 8.0 | 26 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Cancer Cell Imaging Using in Situ Generated Gold Nanoclusters. ChemPhysChem, 2016, 17, 61-68. | 2.1 | 39 |
| 20 | Design of a novel microtubule targeted peptide vesicle for delivering different anticancer drugs. Chemical Communications, 2016, 52, 7549-7552. | 4.1 | 15 |
| 21 | Novel tubulin-targeted cell penetrating antimitotic octapeptide. Chemical Communications, 2016, 52, 12657-12660. | 4.1 | 13 |
| 22 | Apoferritin Nanocage Delivers Combination of Microtubule and Nucleus Targeting Anticancer Drugs. ACS Applied Materials & Interfaces, 2016, 8, 30824-30832. | 8.0 | 36 |
| 23 | Selective Killing of Breast Cancer Cells by Doxorubicinâ€Loaded Fluorescent Gold Nanoclusters: Confocal Microscopy and FRET. ChemPhysChem, 2016, 17, 253-259. | 2.1 | 32 |
| 24 | Spectral mapping of 3D multi-cellular tumor spheroids: time-resolved confocal microscopy. Physical Chemistry Chemical Physics, 2016, 18, 18381-18390. | 2.8 | 20 |
| 25 | Novel Hexapeptide Interacts with Tubulin and Microtubules, Inhibits AÎ² Fibrillation, and Shows Significant Neuroprotection. ACS Chemical Neuroscience, 2015, 6, 1309-1316. | 3.5 | 27 |
| 26 | A short GC rich DNA derived from microbial origin targets tubulin/microtubules and induces apoptotic death of cancer cells. Chemical Communications, 2015, 51, 12024-12027. | 4.1 | 11 |
| 27 | Targeted delivery of a novel peptideâ€“docetaxel conjugate to MCF-7 cells through neuropilin-1 receptor: reduced toxicity and enhanced efficacy of docetaxel. RSC Advances, 2015, 5, 92596-92601. | 3.6 | 12 |
| 28 | Interaction of AÎ² peptide with tubulin causes an inhibition of tubulin polymerization and the apoptotic death of cancer cells. Chemical Communications, 2015, 51, 2249-2252. | 4.1 | 17 |
| 29 | Novel lysosome targeted molecular transporter built on a guanidinium-poly-(propylene imine) hybrid dendron for efficient delivery of doxorubicin into cancer cells. Chemical Communications, 2015, 51, 2403-2406. | 4.1 | 26 |
| 30 | Single functionalized graphene oxide reconstitutes kinesin mediated intracellular cargo transport and delivers multiple cytoskeleton proteins and therapeutic molecules into the cell. Chemical Communications, 2014, 50, 11595-11598. | 4.1 | 11 |
| 31 | Assembly of an Injectable Noncytotoxic Peptide-Based Hydrogelator for Sustained Release of Drugs. Langmuir, 2014, 30, 929-936. | 3.5 | 143 |