# Sudipta Basu

List of Publications by Year
in descending order



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|---|---|---|---|
| 39 papers | 1,011 citations | 471061 17 h-index | 414034 32 g-index |
| 39 all docs | 39 docs citations | 39 times ranked | 1784 citing authors |

| # | Article | IF | Citations |
| --- | --- | --- | --- |
| 1 | Chimeric nanoparticles for targeting mitochondria in cancer cells. Nanoscale Advances, 2022, 4, 1112-1118. | 2.2 | 4 |
| 2 | Î³â€Resorcyclic Acidâ€Based AIEgens for Illuminating Endoplasmic Reticulum**. Chemistry - A European Journal, 2022, 28, . | 1.7 | 2 |
| 3 | Small molecule NSAID derivatives for impairing powerhouse in cancer cells. Bioorganic and Medicinal Chemistry, 2022, 64, 116759. | 1.4 | 2 |
| 4 | Small molecule-mediated induction of endoplasmic reticulum stress in cancer cells. RSC Medicinal Chemistry, 2021, 12, 1604-1611. | 1.7 | 6 |
| 5 | Nanoparticle-Mediated Routing of Antibiotics into Mitochondria in Cancer Cells. ACS Applied Bio Materials, 2021, 4, 6799-6806. | 2.3 | 6 |
| 6 | Mitochondrial Impairment by Cyanine-Based Small Molecules Induces Apoptosis in Cancer Cells. ACS Medicinal Chemistry Letters, 2020, 11, 23-28. | 1.3 | 8 |
| 7 | Inducing endoplasmic reticulum stress in cancer cells using graphene oxide-based nanoparticles. Nanoscale Advances, 2020, 2, 4887-4894. | 2.2 | 16 |
| 8 | Spatial targeting of Bcl-2 on endoplasmic reticulum and mitochondria in cancer cells by lipid nanoparticles. Journal of Materials Chemistry B, 2020, 8, 4259-4266. | 2.9 | 18 |
| 9 | Unbiased Phenotype-Based Screen Identifies Therapeutic Agents Selective for Metastatic Prostate Cancer. Frontiers in Oncology, 2020, 10, 594141. | 1.3 | 5 |
| 10 | Lipid Nanoparticle-Mediated Induction of Endoplasmic Reticulum Stress in Cancer Cells. ACS Applied Bio Materials, 2019, 2, 3992-4001. | 2.3 | 27 |
| 11 | SCAN1-TDP1 trapping on mitochondrial DNA promotes mitochondrial dysfunction and mitophagy. Science Advances, 2019, 5, eaax9778. | 4.7 | 43 |
| 12 | Supramolecular self-assembly of triazine-based small molecules: targeting the endoplasmic reticulum in cancer cells. Nanoscale, 2019, 11, 3326-3335. | 2.8 | 32 |
| 13 | Graphene oxide nanocells for impairing topoisomerase and DNA in cancer cells. Journal of Materials Chemistry B, 2019, 7, 4191-4197. | 2.9 | 7 |
| 14 | Hydrazideâ€"Hydrazone Small Molecules as AIEgens: Illuminating Mitochondria in Cancer Cells. Chemistry - A European Journal, 2019, 25, 8229-8235. | 1.7 | 26 |
| 15 | Polymer conjugated graphene-oxide nanoparticles impair nuclear DNA and Topoisomerase I in cancer. Nanoscale Advances, 2019, 1, 4965-4971. | 2.2 | 8 |
| 16 | Polyethylenimine Coated Graphene Oxide Nanoparticles for Targeting Mitochondria in Cancer Cells. ACS Applied Bio Materials, 2019, 2, 14-19. | 2.3 | 33 |
| 17 | Cerberus Nanoparticles: Cotargeting of Mitochondrial DNA and Mitochondrial Topoisomerase I in Breast Cancer Cells. ACS Applied Nano Materials, 2018, 1, 2195-2205. | 2.4 | 16 |
| 18 | Impairing Powerhouse in Colon Cancer Cells by Hydrazideâ€"Hydrazone-Based Small Molecule. ACS Omega, 2018, 3, 1470-1481. | 1.6 | 27 |

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|---|---|---|---|
| 19 | Iron-Catalyzed Batch/Continuous Flow Câ€“H Functionalization Module for the Synthesis of Anticancer Peroxides. Journal of Organic Chemistry, 2018, 83, 1358-1368. | 1.7 | 39 |
| 20 | Self-Assembled Glycosylated Chalconeâ€“Boronic Acid Nanodrug Exhibits Anticancer Activity through Mitochondrial Impairment. ACS Applied Bio Materials, 2018, 1, 347-355. | 2.3 | 0 |
| 21 | Hyaluronic acid cloaked oleic acid nanoparticles inhibit MAPK signaling with sub-cellular DNA damage in colon cancer cells. Journal of Materials Chemistry B, 2017, 5, 3658-3666. | 2.9 | 9 |
| 22 | Electrostatically driven resonance energy transfer in â€œcationicâ€•biocompatible indium phosphide quantum dots. Chemical Science, 2017, 8, 3879-3884. | 3.7 | 55 |
| 23 | Aqueous phase sensing of cyanide ions using a hydrolytically stable metalâ€“organic framework. Chemical Communications, 2017, 53, 1253-1256. | 2.2 | 56 |
| 24 | Cisplatin-induced self-assembly of graphene oxide sheets into spherical nanoparticles for damaging sub-cellular DNA. Chemical Communications, 2017, 53, 1409-1412. | 2.2 | 16 |
| 25 | Hyaluronic Acid Layered Chimeric Nanoparticles: Targeting MAPK-PI3K Signaling Hub in Colon Cancer Cells. ACS Omega, 2017, 2, 7868-7880. | 1.6 | 14 |
| 26 | Drug-Triggered Self-Assembly of Linear Polymer into Nanoparticles for Simultaneous Delivery of Hydrophobic and Hydrophilic Drugs in Breast Cancer Cells. ACS Omega, 2017, 2, 8730-8740. | 1.6 | 13 |
| 27 | Selfâ€Assembled Oleic Acid Nanoparticle Mediated Inhibition of Mitogenâ€Activated Protein Kinase Signaling in Combination with DNA Damage in Cancer Cells. ChemNanoMat, 2016, 2, 201-211. | 1.5 | 5 |
| 28 | Nanoparticle-Mediated Mitochondrial Damage Induces Apoptosis in Cancer. ACS Applied Materials & Interfaces, 2016, 8, 13218-13231. | 4.0 | 64 |
| 29 | Engineering and<i>In Vitro</i>Evaluation of Acid Labile Cholesterol Tethered MG132 Nanoparticle for Targeting Ubiquitin-Proteasome System in Cancer. ChemistrySelect, 2016, 1, 5099-5106. | 0.7 | 0 |
| 30 | Dual Drug Conjugated Nanoparticle for Simultaneous Targeting of Mitochondria and Nucleus in Cancer Cells. ACS Applied Materials & Interfaces, 2015, 7, 7584-7598. | 4.0 | 105 |
| 31 | Chimeric Nanoparticle: A Platform for Simultaneous Targeting of Phosphatidylinositol-3-Kinase Signaling and Damaging DNA in Cancer Cells. ACS Applied Materials & Interfaces, 2015, 7, 18327-18335. | 4.0 | 16 |
| 32 | Dual drug loaded vitamin D3 nanoparticle to target drug resistance in cancer. RSC Advances, 2014, 4, 57271-57281. | 1.7 | 11 |
| 33 | Supramolecular Nanoparticles That Target Phosphoinositide-3-Kinase Overcome Insulin Resistance and Exert Pronounced Antitumor Efficacy. Cancer Research, 2013, 73, 6987-6997. | 0.4 | 17 |
| 34 | Cholesterol-tethered platinum II-based supramolecular nanoparticle increases antitumor efficacy and reduces nephrotoxicity. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 11294-11299. | 3.3 | 121 |
| 35 | Rationally engineered polymeric cisplatin nanoparticles for improved antitumor efficacy. Nanotechnology, 2011, 22, 265101. | 1.3 | 27 |
| 36 | Nanoparticle-mediated targeting of MAPK signaling predisposes tumor to chemotherapy. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7957-7961. | 3.3 | 116 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Glycome and Transcriptome Regulation of Vasculogenesis. Circulation, 2009, 120, 1883-1892. | 1.6 | 24 |
| 38 | Targeting oncogenic signaling pathways by exploiting nanotechnology. Cell Cycle, 2009, 8, 3480-3487. | 1.3 | 17 |
| 39 | Vasculogenesis, a story of glycome and transcriptomal regulation. FASEB Journal, 2009, 23, 934.2. | 0.2 | 0 |