

Ramasamy Bhanumathi

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,118
citations

687363

13
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

1907
citing authors

#	ARTICLE	IF	CITATIONS
1	Green biosynthesis of silver nanoparticles from <i>Annona squamosa</i> leaf extract and its in vitro cytotoxic effect on MCF-7 cells. <i>Process Biochemistry</i> , 2012, 47, 2405-2410.	3.7	322
2	Green synthesized doxorubicin loaded zinc oxide nanoparticles regulates the Bax and Bcl-2 expression in breast and colon carcinoma. <i>Process Biochemistry</i> , 2014, 49, 160-172.	3.7	200
3	Multifunctional HER2-Antibody Conjugated Polymeric Nanocarrier-Based Drug Delivery System for Multi-Drug-Resistant Breast Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 6469-6480.	8.0	129
4	Combinatorial nanocarrier based drug delivery approach for amalgamation of anti-tumor agents in breast cancer cells: an improved nanomedicine strategy. <i>Scientific Reports</i> , 2016, 6, 34053.	3.3	87
5	Synergistic effect of chemo-photothermal for breast cancer therapy using folic acid (FA) modified zinc oxide nanosheet. <i>Journal of Colloid and Interface Science</i> , 2017, 488, 92-108.	9.4	75
6	Fabrication of a pH responsive DOX conjugated PEGylated palladium nanoparticle mediated drug delivery system: an in vitro and in vivo evaluation. <i>RSC Advances</i> , 2015, 5, 44998-45014.	3.6	57
7	Drug-Carrying Capacity and Anticancer Effect of the Folic Acid- and Berberine-Loaded Silver Nanomaterial To Regulate the AKT-ERK Pathway in Breast Cancer. <i>ACS Omega</i> , 2018, 3, 8317-8328.	3.5	55
8	Bioformulation of silver nanoparticles as berberine carrier cum anticancer agent against breast cancer. <i>New Journal of Chemistry</i> , 2017, 41, 14466-14477.	2.8	36
9	Cancer Therapeutic Proficiency of Dual-Targeted Mesoporous Silica Nanocomposite Endorses Combination Drug Delivery. <i>ACS Omega</i> , 2017, 2, 7959-7975.	3.5	35
10	Theranostic potentials of multifunctional chitosan-silver-phycoerythrin nanocomposites against triple negative breast cancer cells. <i>RSC Advances</i> , 2015, 5, 12209-12223.	3.6	25
11	Cisplatin-functionalized silica nanoparticles for cancer chemotherapy. <i>Cancer Nanotechnology</i> , 2013, 4, 127-136.	3.7	23
12	A novel magnetic drug delivery nanocomplex with a cisplatin-conjugated Fe ₃ O ₄ core and a PEG-functionalized mesoporous silica shell for enhancing cancer drug delivery efficiency. <i>RSC Advances</i> , 2015, 5, 94534-94538.	3.6	15
13	Combined Delivery of DOX and Kaempferol using PEGylated Gold Nanoparticles to Target Colon Cancer. <i>Journal of Cluster Science</i> , 2022, 33, 173-187.	3.3	15
14	Areca catechu Linn.-Derived Silver Nanoparticles: A Novel Antitumor Agent against Dalton's Ascites Lymphoma. <i>International Journal of Green Nanotechnology</i> , 2011, 3, 1-12.	0.3	10
15	Development of in vitro gene delivery system using ORMOSIL nanoparticle: Analysis of p53 gene expression in cultured breast cancer cell (MCF-7). <i>Cancer Nanotechnology</i> , 2012, 3, 55-63.	3.7	9
16	Peptide-Conjugated Nano-Drug Delivery System to Improve Synergistic Molecular Chemotherapy for Colon Carcinoma. <i>ChemistrySelect</i> , 2017, 2, 8524-8534.	1.5	7
17	Selenium Tethered Mesoporous Silica Nanocomposite Enhances Drug Delivering Efficiency to Target Breast Cancer. <i>Journal of Cluster Science</i> , 2021, 32, 1475-1489.	3.3	7
18	Phyto-drug conjugated nanomaterials enhance apoptotic activity in cancer. <i>Advances in Protein Chemistry and Structural Biology</i> , 2021, 125, 275-305.	2.3	6

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19	Label-Free Electrochemical Detection of the Cancer Biomarker Platelet-Derived Growth Factor Receptor in Human Serum and Cancer Cells. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 826-833.	5.2	5
20	Properties of mouse vomeronasal receptor and assessment of its role in pheromone signalling. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 262-270.	1.5	0