

Mahitosh Mandal

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

213
papers

8,843
citations

51
h-index

84
g-index

222
ext. papers

9,985
ext. citations

6.6
avg, IF

6.36
L-index

#	Paper	IF	Citations
213	The Intricacy of ROS in Cancer Therapy Resistance 2022 , 1217-1238		
212	Understanding the function and regulation of Sox2 for its therapeutic potential in breast cancer.. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2022 , 188692	11.2	1
211	A computational study to assess the polymorphic landscape of matrix metalloproteinase 3 promoter and its effects on transcriptional activity.. <i>Computers in Biology and Medicine</i> , 2022 , 145, 105404	7.4	1
210	TGF- β induced autophagy in cancer associated fibroblasts during hypoxia contributes EMT and glycolysis via MCT4 upregulation.. <i>Experimental Cell Research</i> , 2022 , 113195	4.2	1
209	An insight into the ubiquitin-proteasomal axis and related therapeutic approaches towards central nervous system malignancies.. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2022 , 188734	11.2	0
208	Screening of the Prime bioactive compounds from Aloe vera as potential anti-proliferative agents targeting DNA. <i>Computers in Biology and Medicine</i> , 2021 , 141, 105052	7	2
207	The Intricacy of ROS in Cancer Therapy Resistance 2021 , 1-22		
206	In-Silico approach for identification of effective and stable inhibitors for COVID-19 main protease (M) from flavonoid based phytochemical constituents of. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 39, 6265-6280	3.6	38
205	Natural products based nanoformulations for cancer treatment: Current evolution in Indian research. <i>Biomedical Materials (Bristol)</i> , 2021 ,	3.5	2
204	Paracrine TGF- β from breast cancer contributes to chemoresistance in cancer associated fibroblasts via upregulation of the p44/42 MAPK signaling pathway. <i>Biochemical Pharmacology</i> , 2021 , 186, 114474	6	6
203	Sericin-chitosan-glycosaminoglycans hydrogels incorporated with growth factors for in vitro and in vivo skin repair. <i>Carbohydrate Polymers</i> , 2021 , 258, 117717	10.3	4
202	Active autophagy in cancer-associated fibroblasts: Recent advances in understanding the novel mechanism of tumor progression and therapeutic response. <i>Journal of Cellular Physiology</i> , 2021 , 236, 7887-7902	7	4
201	Ag NPs incorporated self-healable thermoresponsive hydrogel using precise structural Interlocking Complex of polyelectrolyte BCPs: A potential new wound healing material. <i>Chemical Engineering Journal</i> , 2021 , 405, 126436	14.7	9
200	The emerging roles of exosomes in anti-cancer drug resistance and tumor progression: An insight towards tumor-microenvironment interaction. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2021 , 1875, 188488	11.2	15
199	Therapeutic targeting of membrane-associated proteins in central nervous system tumors. <i>Experimental Cell Research</i> , 2021 , 406, 112760	4.2	0
198	The transformation of cancer-associated fibroblasts: Current perspectives on the role of TGF- β in CAF mediated tumor progression and therapeutic resistance. <i>Cancer Letters</i> , 2021 , 520, 222-232	9.9	5
197	Lumefantrine, an antimalarial drug, reverses radiation and temozolomide resistance in glioblastoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 12324-12331	11.5	9

196	Transcriptional regulation of HSPB1 by Friend leukemia integration-1 factor modulates radiation and temozolomide resistance in glioblastoma. <i>Oncotarget</i> , 2020 , 11, 1097-1108	3.3	6
195	The Interplay of Autophagy and the Immune System in the Tumor Microenvironment 2020 , 183-202		
194	Senescence in polyploid giant cancer cells: A road that leads to chemoresistance. <i>Cytokine and Growth Factor Reviews</i> , 2020 , 52, 68-75	17.9	25
193	Cancer associated fibroblast mediated chemoresistance: A paradigm shift in understanding the mechanism of tumor progression. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2020 , 1874, 188416	11.2	19
192	ETV6 gene aberrations in non-haematological malignancies: A review highlighting ETV6 associated fusion genes in solid tumors. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2020 , 1874, 188389	11.2	4
191	Curcumin Complexed with Graphene Derivative for Breast Cancer Therapy.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 6284-6296	4.1	13
190	Fluidic embedding of additional macroporosity in alginate-gelatin composite structure for biomimetic application. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2020 , 31, 2396-2417	3.5	
189	Screening of plant-based natural compounds as a potential COVID-19 main protease inhibitor: an docking and molecular dynamics simulation approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020 , 1-16	3.6	31
188	Pro-survival autophagy: An emerging candidate of tumor progression through maintaining hallmarks of cancer. <i>Seminars in Cancer Biology</i> , 2020 , 66, 59-74	12.7	24
187	Lead bioactive compounds of Aloe vera as potential anticancer agent. <i>Pharmacological Research</i> , 2019 , 148, 104416	10.2	19
186	A copper-free click reaction for the synthesis of redox-responsive water-soluble core cross-linked nanoparticles for drug delivery in cancer therapy. <i>Green Chemistry</i> , 2019 , 21, 5624-5638	10	4
185	N-doped carbon dot as fluorescent probe for detection of cysteamine and multicolor cell imaging. <i>Sensors and Actuators B: Chemical</i> , 2019 , 286, 77-85	8.5	38
184	A peptide-modified solid lipid nanoparticle formulation of paclitaxel modulates immunity and outperforms dacarbazine in a murine melanoma model. <i>Biomaterials Science</i> , 2019 , 7, 1161-1178	7.4	15
183	Nonmulberry silk protein sericin blend hydrogels for skin tissue regeneration - in vitro and in vivo. <i>International Journal of Biological Macromolecules</i> , 2019 , 137, 545-553	7.9	16
182	REDOX Responsive Fluorescence Active Glycopolymer Based Nanogel: A Potential Material for Targeted Anticancer Drug Delivery.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 2587-2599	4.1	16
181	Push-Pull Stilbene: Visible Light Activated Photoremovable Protecting Group for Alcohols and Carboxylic Acids with Fluorescence Reporting Employed for Drug Delivery. <i>Organic Letters</i> , 2019 , 21, 2968-2972	6.2	7
180	Dual drug loaded liposome bearing apigenin and 5-Fluorouracil for synergistic therapeutic efficacy in colorectal cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 180, 9-22	6	36
179	Delineation of crosstalk between HSP27 and MMP-2/MMP-9: A synergistic therapeutic avenue for glioblastoma management. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019 , 1863, 1196-1209	4	21

178	Targeting NFE2L2, a transcription factor upstream of MMP-2: A potential therapeutic strategy for temozolomide resistant glioblastoma. <i>Biochemical Pharmacology</i> , 2019 , 164, 1-16	6	17
177	Prevention of epithelial to mesenchymal transition in colorectal carcinoma by regulation of the E-cadherin- β -catenin-vinculin axis. <i>Cancer Letters</i> , 2019 , 452, 254-263	9.9	19
176	Lactate dehydrogenase A regulates autophagy and tamoxifen resistance in breast cancer. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019 , 1866, 1004-1018	4.9	41
175	Osteochondral Defects Healing Using Extracellular Matrix Mimetic Phosphate/Sulfate Decorated GAGs-Agarose Gel and Quantitative Micro-CT Evaluation. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 149-164	5.5	7
174	Prospect of natural products in glioma: A novel avenue in glioma management. <i>Phytotherapy Research</i> , 2019 , 33, 2571-2584	6.7	11
173	Editor's Note: Epidermal Growth Factor Receptor (EGFR) Is Overexpressed in Anaplastic Thyroid Cancer, and the EGFR Inhibitor Gefitinib Inhibits the Growth of Anaplastic Thyroid Cancer. <i>Clinical Cancer Research</i> , 2019 , 25, 4862	12.9	1
172	Therapeutic Aspects of Heat Shock Proteins in Glioma: Cementing the Crevasses Between Bench and Bedside. <i>Heat Shock Proteins</i> , 2019 , 231-257	0.2	
171	Stepwise dual stimuli triggered dual drug release by a single naphthalene based two-photon chromophore to reverse MDR for alkylating agents with dual surveillance in uncaging steps. <i>Chemical Communications</i> , 2019 , 55, 13140-13143	5.8	10
170	Exosome as a Novel Shuttle for Delivery of Therapeutics across Biological Barriers. <i>Molecular Pharmaceutics</i> , 2019 , 16, 24-40	5.6	89
169	BAG3 Overexpression and Cytoprotective Autophagy Mediate Apoptosis Resistance in Chemoresistant Breast Cancer Cells. <i>Neoplasia</i> , 2018 , 20, 263-279	6.4	51
168	Differential expression of IL-6/IL-6R and MAO-A regulates invasion/angiogenesis in breast cancer. <i>British Journal of Cancer</i> , 2018 , 118, 1442-1452	8.7	19
167	Copper Catalyzed Regioselective N-Alkynylation of Pyrazoles and Evaluation of the Anticancer Activity of Ethynyl- Pyrazoles. <i>ChemistrySelect</i> , 2018 , 3, 3511-3515	1.8	7
166	Bioimpedimetric analysis in conjunction with growth dynamics to differentiate aggressiveness of cancer cells. <i>Scientific Reports</i> , 2018 , 8, 783	4.9	18
165	Preferential hepatic uptake of paclitaxel-loaded poly-(d-l-lactide-co-glycolide) nanoparticles - A possibility for hepatic drug targeting: Pharmacokinetics and biodistribution. <i>International Journal of Biological Macromolecules</i> , 2018 , 112, 818-830	7.9	24
164	Redox-Responsive Core-Cross-Linked Block Copolymer Micelles for Overcoming Multidrug Resistance in Cancer Cells. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 5318-5330	9.5	52
163	Pro-survival autophagy and cancer cell resistance to therapy. <i>Cancer and Metastasis Reviews</i> , 2018 , 37, 749-766	9.6	73
162	Prospects of nonmulberry silk protein sericin-based nanofibrous matrices for wound healing - In vitro and in vivo investigations. <i>Acta Biomaterialia</i> , 2018 , 78, 137-150	10.8	43
161	Multi-nucleated cells use ROS to induce breast cancer chemo-resistance in vitro and in vivo. <i>Oncogene</i> , 2018 , 37, 4546-4561	9.2	40

160	A dual-analyte probe: hypoxia activated nitric oxide detection with phototriggered drug release ability. <i>Chemical Communications</i> , 2018 , 54, 7940-7943	5.8	11
159	Selective and sensitive detection of cinnamaldehyde by nitrogen and sulphur co-doped carbon dots: a detailed systematic study.. <i>RSC Advances</i> , 2018 , 8, 42361-42373	3.7	8
158	NIR fluorescent organic nanoparticles for photoinduced nitric oxide delivery with self monitoring and real time reporting abilities. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 6042-6046	7.3	4
157	Copper(II)-sulfonamide Schiff base complexes: Structure, biological activity and theoretical interpretation. <i>Polyhedron</i> , 2018 , 151, 344-354	2.7	18
156	Targeting of EGFR, VEGFR2, and Akt by Engineered Dual Drug Encapsulated Mesoporous Silica-Gold Nanoclusters Sensitizes Tamoxifen-Resistant Breast Cancer. <i>Molecular Pharmaceutics</i> , 2018 , 15, 2698-2713	5.6	20
155	Successful delivery of docetaxel to rat brain using experimentally developed nanoliposome: a treatment strategy for brain tumor. <i>Drug Delivery</i> , 2017 , 24, 346-357	7	38
154	Dual growth factor loaded nonmulberry silk fibroin/carbon nanofiber composite 3D scaffolds for in vitro and in vivo bone regeneration. <i>Biomaterials</i> , 2017 , 136, 67-85	15.6	92
153	Wavelength Dependent, Sequentially Activated, Dual Anticancer Drug Delivery System with Photoinduced Fluorescence off/on for Real Time Imaging. <i>ChemistrySelect</i> , 2017 , 2, 4033-4038	1.8	
152	Therapeutic implication of 'Iturin A' for targeting MD-2/TLR4 complex to overcome angiogenesis and invasion. <i>Cellular Signalling</i> , 2017 , 35, 24-36	4.9	23
151	Hydroxyapatite reinforced inherent RGD containing silk fibroin composite scaffolds: Promising platform for bone tissue engineering. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017 , 13, 1745-1759	6	41
150	Insights into molecular therapy of glioma: current challenges and next generation blueprint. <i>Acta Pharmacologica Sinica</i> , 2017 , 38, 591-613	8	67
149	Somatostatin receptor targeted liposomes with Diacerein inhibit IL-6 for breast cancer therapy. <i>Cancer Letters</i> , 2017 , 388, 292-302	9.9	46
148	[(para-Cymene)Ru(dppp)Cl][PF6]-Catalysed Stereospecific Synthesis of O-Dienyl Esters, and Evaluation of the Anticancer Activity of a Long-Chain Fatty Acid O-Dienyl Ester. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 1514-1519	3.2	1
147	Enhanced chemotherapeutic efficacy of apigenin liposomes in colorectal cancer based on flavone-membrane interactions. <i>Journal of Colloid and Interface Science</i> , 2017 , 491, 98-110	9.3	18
146	Photoresponsive Block Copolymer Prodrug Nanoparticles as Delivery Vehicle for Single and Dual Anticancer Drugs. <i>ACS Omega</i> , 2017 , 2, 6677-6690	3.9	9
145	A self-assembled clavanin A-coated amniotic membrane scaffold for the prevention of biofilm formation by ocular surface fungal pathogens. <i>Biofouling</i> , 2017 , 33, 881-891	3.3	11
144	Glioma progression through the prism of heat shock protein mediated extracellular matrix remodeling and epithelial to mesenchymal transition. <i>Experimental Cell Research</i> , 2017 , 359, 299-311	4.2	35
143	Regulation of Extracellular Matrix Remodeling and Epithelial-Mesenchymal Transition by Matrix Metalloproteinases: Decisive Candidates in Tumor Progression 2017 , 159-194		0

142	Micellar Gold Nanoparticles as Delivery Vehicles for Dual Tyrosine Kinase Inhibitor ZD6474 for Metastatic Breast Cancer Treatment. <i>Langmuir</i> , 2017 , 33, 7649-7659	4	23
141	Cascade photocaging of diazeniumdiolate: a novel strategy for one and two photon triggered uncaging with real time reporting. <i>Chemical Communications</i> , 2017 , 53, 9470-9473	5.8	14
140	Spontaneous vesicle formation by β -aminobutyric acid derived steroidal surfactant: Curcumin loading, cytotoxicity and cellular uptake studies. <i>Journal of Colloid and Interface Science</i> , 2017 , 507, 1-10	9.3	4
139	Carbon Nanofiber Reinforced Nonmulberry Silk Protein Fibroin Nanobiocomposite for Tissue Engineering Applications. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 19356-19370	9.5	39
138	Gold nanorod embedded reduction responsive block copolymer micelle-triggered drug delivery combined with photothermal ablation for targeted cancer therapy. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017 , 1861, 3039-3052	4	43
137	In Vitro Drug and Gene Delivery Using Random Cationic Copolymers Forming Stable and pH-Sensitive Polymersomes. <i>Macromolecular Bioscience</i> , 2017 , 17, 1600324	5.5	13
136	Hemocompatibility of Sulfuric Acid-Treated Metallocene Polyethylene and its Application in Reducing the Quantity of Medical Plastic Waste. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 240-253		1
135	Resensitization of Akt Induced Docetaxel Resistance in Breast Cancer by 'Iturin A' a Lipopeptide Molecule from Marine Bacteria Bacillus megaterium. <i>Scientific Reports</i> , 2017 , 7, 17324	4.9	19
134	Electrospinning applications from diagnosis to treatment of diabetes. <i>RSC Advances</i> , 2016 , 6, 83638-83655	5.7	38
133	Pre-clinical risk assessment and therapeutic potential of antitumor lipopeptide Iturin A in an in vivo and in vitro model. <i>RSC Advances</i> , 2016 , 6, 71612-71623	3.7	14
132	Metal Ion Ornamented Ultrafast Light-Sensitive Nanogel for Potential in Vivo Cancer Therapy. <i>Chemistry of Materials</i> , 2016 , 28, 8598-8610	9.6	17
131	Photocaging of Single and Dual (Similar or Different) Carboxylic and Amino Acids by Acetyl Carbazole and its Application as Dual Drug Delivery in Cancer Therapy. <i>Journal of Organic Chemistry</i> , 2016 , 81, 11168-11175	4.2	24
130	Learning of speckle statistics for in vivo and noninvasive characterization of cutaneous wound regions using laser speckle contrast imaging. <i>Microvascular Research</i> , 2016 , 107, 6-16	3.7	8
129	Polymer grafted magnetic nanoparticles for delivery of anticancer drug at lower pH and elevated temperature. <i>Journal of Colloid and Interface Science</i> , 2016 , 467, 70-80	9.3	43
128	Silk fibroin nanoparticles support in vitro sustained antibiotic release and osteogenesis on titanium surface. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016 , 12, 1193-204	6	57
127	Cooperative effect of BI-69A11 and celecoxib enhances radiosensitization by modulating DNA damage repair in colon carcinoma. <i>Tumor Biology</i> , 2016 , 37, 6389-402	2.9	16
126	GW627368X inhibits proliferation and induces apoptosis in cervical cancer by interfering with EP4/EGFR interactive signaling. <i>Cell Death and Disease</i> , 2016 , 7, e2154	9.8	20
125	Fe ₃ O ₄ @zirconium phosphate core-shell nanoparticles for pH-sensitive and magnetically guided drug delivery applications. <i>RSC Advances</i> , 2016 , 6, 21285-21292	3.7	19

124	Cancer development, chemoresistance, epithelial to mesenchymal transition and stem cells: A snapshot of IL-6 mediated involvement. <i>Cancer Letters</i> , 2016 , 375, 51-61	9.9	159
123	Sonochemically synthesized biocompatible zirconium phosphate nanoparticles for pH sensitive drug delivery application. <i>Materials Science and Engineering C</i> , 2016 , 60, 84-91	8.3	34
122	Diacerein-mediated inhibition of IL-6/IL-6R signaling induces apoptotic effects on breast cancer. <i>Oncogene</i> , 2016 , 35, 3965-75	9.2	38
121	Gallic acid induced apoptotic events in HCT-15 colon cancer cells. <i>World Journal of Gastroenterology</i> , 2016 , 22, 3952-61	5.6	46
120	Sperm Motility Regulatory Proteins: A Tool to Enhance Sperm Quality 2016 ,		3
119	Honey and its Phytochemicals: Plausible Agents in Combating Colon Cancer through its Diversified Actions. <i>Journal of Food Biochemistry</i> , 2016 , 40, 613-629	3.3	11
118	Abrus agglutinin is a potent anti-proliferative and anti-angiogenic agent in human breast cancer. <i>International Journal of Cancer</i> , 2016 , 139, 457-66	7.5	15
117	Organic Nanoparticle-Based Fluorescent Chemosensor for Selective Switching ON and OFF of Photodynamic Therapy (PDT). <i>ChemistrySelect</i> , 2016 , 1, 6523-6531	1.8	3
116	Tailor-Made Temperature-Sensitive Micelle for Targeted and On-Demand Release of Anticancer Drugs. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 12063-74	9.5	48
115	Paclitaxel-loaded solid lipid nanoparticles modified with Tyr-3-octreotide for enhanced anti-angiogenic and anti-glioma therapy. <i>Acta Biomaterialia</i> , 2016 , 38, 69-81	10.8	57
114	Three-Arm, Biotin-Tagged Carbazole-Dicyanovinyl-Chlorambucil Conjugate: Simultaneous Tumor Targeting, Sensing, and Photoresponsive Anticancer Drug Delivery. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 3482-3486	4.5	12
113	Novel ZnO hollow-nanocarriers containing paclitaxel targeting folate-receptors in a malignant pH-microenvironment for effective monitoring and promoting breast tumor regression. <i>Scientific Reports</i> , 2015 , 5, 11760	4.9	51
112	Green surfactant of marine origin exerting a cytotoxic effect on cancer cell lines. <i>RSC Advances</i> , 2015 , 5, 53086-53094	3.7	4
111	Molecular inhibition of prostaglandin E2 with GW627368X: Therapeutic potential and preclinical safety assessment in mouse sarcoma model. <i>Cancer Biology and Therapy</i> , 2015 , 16, 922-32	4.6	12
110	Probing the potential of apigenin liposomes in enhancing bacterial membrane perturbation and integrity loss. <i>Journal of Colloid and Interface Science</i> , 2015 , 453, 48-59	9.3	31
109	Oxidative stress triggered by naturally occurring flavone apigenin results in senescence and chemotherapeutic effect in human colorectal cancer cells. <i>Redox Biology</i> , 2015 , 5, 153-162	11.3	65
108	Dietary flavone chrysin (5,7-dihydroxyflavone ChR) functionalized highly-stable metal nanoformulations for improved anticancer applications. <i>RSC Advances</i> , 2015 , 5, 89869-89878	3.7	32
107	pH-degradable and thermoresponsive water-soluble core cross-linked polymeric nanoparticles as potential drug delivery vehicle for doxorubicin. <i>RSC Advances</i> , 2015 , 5, 83565-83575	3.7	13

106	Identification of RAB2A and PRDX1 as the potential biomarkers for oral squamous cell carcinoma using mass spectrometry-based comparative proteomic approach. <i>Tumor Biology</i> , 2015 , 36, 9829-37	2.9	15
105	Blockade of autophagy enhances proapoptotic potential of BI-69A11, a novel Akt inhibitor, in colon carcinoma. <i>European Journal of Pharmacology</i> , 2015 , 765, 217-27	5.3	11
104	A targeted, image-guided and dually locked photoresponsive drug delivery system. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 728-732	7.3	21
103	Sequential release of drugs from hollow manganese ferrite nanocarriers for breast cancer therapy. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 90-101	7.3	17
102	Thymoquinone restores radiation-induced TGF- β expression and abrogates EMT in chemoradiotherapy of breast cancer cells. <i>Journal of Cellular Physiology</i> , 2015 , 230, 620-9	7	34
101	Microbial amphiphiles: a class of promising new-generation anticancer agents. <i>Drug Discovery Today</i> , 2015 , 20, 136-46	8.8	40
100	Wavelet-based multiscale analysis of bioimpedance data measured by electric cell-substrate impedance sensing for classification of cancerous and normal cells. <i>Physical Review E</i> , 2015 , 92, 062702	2.4	8
99	Mechanistic attributes of S100A7 (psoriasin) in resistance of anoikis resulting tumor progression in squamous cell carcinoma of the oral cavity. <i>Cancer Cell International</i> , 2015 , 15, 74	6.4	12
98	Marine lipopeptide Iturin A inhibits Akt mediated GSK3 β and FoxO3a signaling and triggers apoptosis in breast cancer. <i>Scientific Reports</i> , 2015 , 5, 10316	4.9	81
97	Probabilistic graphical modeling of speckle statistics in laser speckle contrast imaging for noninvasive and label-free retinal angiography. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2015 , 2015, 6244-7	0.9	
96	Overcoming Akt Induced Therapeutic Resistance in Breast Cancer through siRNA and Thymoquinone Encapsulated Multilamellar Gold Niosomes. <i>Molecular Pharmaceutics</i> , 2015 , 12, 4214-25	5.6	54
95	BI2536--A PLK inhibitor augments paclitaxel efficacy in suppressing tamoxifen induced senescence and resistance in breast cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2015 , 74, 124-32	7.5	14
94	Identification of multifunctional peptides from human milk. <i>Peptides</i> , 2014 , 56, 84-93	3.8	48
93	Frequency dependent impedimetric cytotoxic evaluation of anticancer drug on breast cancer cell. <i>Biosensors and Bioelectronics</i> , 2014 , 55, 44-50	11.8	20
92	Assessing Cytotoxic Effect of ZD6474 on MDA-MB-468 Cells Using Cell-Based Sensor. <i>IEEE Sensors Journal</i> , 2014 , 14, 1476-1481	4	11
91	Electric cell-substrate impedance sensing technique to monitor cellular behaviours of cancer cells. <i>RSC Advances</i> , 2014 , 4, 9432	3.7	15
90	Monitoring cellular activities of cancer cells using impedance sensing devices. <i>Sensors and Actuators B: Chemical</i> , 2014 , 193, 478-483	8.5	24
89	Improvement of cellular uptake, in vitro antitumor activity and sustained release profile with increased bioavailability from a nanoemulsion platform. <i>International Journal of Pharmaceutics</i> , 2014 , 460, 131-43	6.5	145

88	Glucose directly promotes antifungal resistance in the fungal pathogen, <i>Candida</i> spp. <i>Journal of Biological Chemistry</i> , 2014 , 289, 25468-73	5.4	20
87	in vivo laser speckle imaging by adaptive contrast computation for microvasculature assessment. <i>Optics and Lasers in Engineering</i> , 2014 , 62, 87-94	4.6	10
86	A combined artificial neural network modeling-particle swarm optimization strategy for improved production of marine bacterial lipopeptide from food waste. <i>Biochemical Engineering Journal</i> , 2014 , 84, 59-65	4.2	40
85	Inflammation induced by human papillomavirus in cervical cancer and its implication in prevention. <i>European Journal of Cancer Prevention</i> , 2014 , 23, 432-48	2	28
84	Self-assembled cardanol azo derivatives as antifungal agent with chitin-binding ability. <i>International Journal of Biological Macromolecules</i> , 2014 , 69, 5-11	7.9	21
83	Celecoxib alleviates tamoxifen-instigated angiogenic effects by ROS-dependent VEGF/VEGFR2 autocrine signaling. <i>BMC Cancer</i> , 2013 , 13, 273	4.8	49
82	Autophagy: cancer's friend or foe?. <i>Advances in Cancer Research</i> , 2013 , 118, 61-95	5.9	132
81	Exploring the fluorescence switching phenomenon of curcumin encapsulated niosomes: in vitro real time monitoring of curcumin release to cancer cells. <i>RSC Advances</i> , 2013 , 3, 2553	3.7	18
80	Second generation liposomal cancer therapeutics: transition from laboratory to clinic. <i>International Journal of Pharmaceutics</i> , 2013 , 448, 28-43	6.5	58
79	Photoresponsive coumarin-tethered multifunctional magnetic nanoparticles for release of anticancer drug. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 5232-8	9.5	71
78	Molecular targeting of Akt by thymoquinone promotes G(1) arrest through translation inhibition of cyclin D1 and induces apoptosis in breast cancer cells. <i>Life Sciences</i> , 2013 , 93, 783-90	6.8	88
77	Targeted therapy against EGFR and VEGFR using ZD6474 enhances the therapeutic potential of UV-B phototherapy in breast cancer cells. <i>Molecular Cancer</i> , 2013 , 12, 122	42.1	14
76	Targeted apoptotic effects of thymoquinone and tamoxifen on XIAP mediated Akt regulation in breast cancer. <i>PLoS ONE</i> , 2013 , 8, e61342	3.7	86
75	Events associated with apoptotic effect of p-Coumaric acid in HCT-15 colon cancer cells. <i>World Journal of Gastroenterology</i> , 2013 , 19, 7726-34	5.6	101
74	Identification and characterization of a bactericidal and proapoptotic peptide from <i>Cycas revoluta</i> seeds with DNA binding properties. <i>Journal of Cellular Biochemistry</i> , 2012 , 113, 184-93	4.7	44
73	PI3K and Akt as molecular targets for cancer therapy: current clinical outcomes. <i>Acta Pharmacologica Sinica</i> , 2012 , 33, 1441-58	8	123
72	AEE788 potentiates celecoxib-induced growth inhibition and apoptosis in human colon cancer cells. <i>Life Sciences</i> , 2012 , 91, 789-99	6.8	12
71	Synthesis of biocompatible multicolor luminescent carbon dots for bioimaging applications. <i>Science and Technology of Advanced Materials</i> , 2012 , 13, 045008	7.1	105

70	Antineoplastic and apoptotic potential of traditional medicines thymoquinone and diosgenin in squamous cell carcinoma. <i>PLoS ONE</i> , 2012 , 7, e46641	3.7	106
69	Purification of Azurin from <i>Pseudomonas Aeruginosa</i> 2012 ,		4
68	Time-dependent dosing of Fe ²⁺ for improved lipopeptide production by marine <i>Bacillus megaterium</i> . <i>Journal of Chemical Technology and Biotechnology</i> , 2012 , 87, 1661-1669	3.5	26
67	Antitumor promoting potential of selected phytochemicals derived from spices: a review. <i>European Journal of Cancer Prevention</i> , 2012 , 21, 205-15	2	61
66	Induction of apoptosis of azurin synthesized from <i>P. aeruginosa</i> MTCC 2453 against Dalton's lymphoma ascites model. <i>Biomedicine and Pharmacotherapy</i> , 2011 , 65, 461-6	7.5	7
65	Apoptotic effect of eugenol in human colon cancer cell lines. <i>Cell Biology International</i> , 2011 , 35, 607-15	4.5	115
64	Amino acid based amphiphilic copolymer micelles as carriers of non-steroidal anti-inflammatory drugs: solubilization, in vitro release and biological evaluation. <i>International Journal of Pharmaceutics</i> , 2011 , 407, 207-16	6.5	21
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