

Mahitosh Mandal

List of Publications by Citations

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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	Transcriptional repression of oestrogen receptor by metastasis-associated protein 1 corepressor. <i>Nature Cell Biology</i> , 2001 , 3, 30-7	23.4	324
212	A naturally occurring MTA1 variant sequesters oestrogen receptor-alpha in the cytoplasm. <i>Nature</i> , 2002 , 418, 654-7	50.4	214
211	Regulatable expression of p21-activated kinase-1 promotes anchorage-independent growth and abnormal organization of mitotic spindles in human epithelial breast cancer cells. <i>Journal of Biological Chemistry</i> , 2000 , 275, 36238-44	5.4	208
210	Regulation of cyclooxygenase-2 pathway by HER2 receptor. <i>Oncogene</i> , 1999 , 18, 305-14	9.2	190
209	Cell cycle-dependent modulation of telomerase activity in tumor cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 6091-5	11.5	188
208	The potential of celecoxib-loaded hydroxyapatite-chitosan nanocomposite for the treatment of colon cancer. <i>Biomaterials</i> , 2011 , 32, 3794-806	15.6	187
207	Physical interaction between epidermal growth factor receptor and DNA-dependent protein kinase in mammalian cells. <i>Journal of Biological Chemistry</i> , 1998 , 273, 1568-73	5.4	175
206	Antiproliferative effects of honey and of its polyphenols: a review. <i>Journal of Biomedicine and Biotechnology</i> , 2009 , 2009, 830616		169
205	Epithelial to mesenchymal transition in head and neck squamous carcinoma: association of Src activation with E-cadherin down-regulation, vimentin expression, and aggressive tumor features. <i>Cancer</i> , 2008 , 112, 2088-100	6.4	167
204	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
203	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
202	Regulation of microfilament reorganization and invasiveness of breast cancer cells by kinase dead p21-activated kinase-1. <i>Journal of Biological Chemistry</i> , 2000 , 275, 12041-50	5.4	143
201	Autophagy: cancer's friend or foe?. <i>Advances in Cancer Research</i> , 2013 , 118, 61-95	5.9	132
200	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> , 2004 , 10, 8594-602	12.9	131
199	p21-activated kinase 1 interacts with and phosphorylates histone H3 in breast cancer cells. <i>EMBO Reports</i> , 2002 , 3, 767-73	6.5	124
198	PI3K and Akt as molecular targets for cancer therapy: current clinical outcomes. <i>Acta Pharmacologica Sinica</i> , 2012 , 33, 1441-58	8	123
197	Silk sericin protein of tropical tasar silkworm inhibits UVB-induced apoptosis in human skin keratinocytes. <i>Molecular and Cellular Biochemistry</i> , 2008 , 311, 111-9	4.2	122

196	Bcl-2 modulates telomerase activity. <i>Journal of Biological Chemistry</i> , 1997 , 272, 14183-7	5.4	116
195	Apoptotic effect of eugenol in human colon cancer cell lines. <i>Cell Biology International</i> , 2011 , 35, 607-15	4.5	115
194	Nuclear targeting of Bax during apoptosis in human colorectal cancer cells. <i>Oncogene</i> , 1998 , 17, 999-1007	7.2	113
193	Engineered silk fibroin protein 3D matrices for in vitro tumor model. <i>Biomaterials</i> , 2011 , 32, 2149-59	15.6	112
192	Etk/Bmx tyrosine kinase activates Pak1 and regulates tumorigenicity of breast cancer cells. <i>Journal of Biological Chemistry</i> , 2001 , 276, 29403-9	5.4	107
191	Antineoplastic and apoptotic potential of traditional medicines thymoquinone and diosgenin in squamous cell carcinoma. <i>PLoS ONE</i> , 2012 , 7, e46641	3.7	106
190	Synthesis of biocompatible multicolor luminescent carbon dots for bioimaging applications. <i>Science and Technology of Advanced Materials</i> , 2012 , 13, 045008	7.1	105
189	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
188	Growth factors regulate heterogeneous nuclear ribonucleoprotein K expression and function. <i>Journal of Biological Chemistry</i> , 2001 , 276, 9699-704	5.4	97
187	Interferon-induces expression of cyclin-dependent kinase-inhibitors p21WAF1 and p27Kip1 that prevent activation of cyclin-dependent kinase by CDK-activating kinase (CAK). <i>Oncogene</i> , 1998 , 16, 217-25	9.2	94
186	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
185	Exosome as a Novel Shuttle for Delivery of Therapeutics across Biological Barriers. <i>Molecular Pharmaceutics</i> , 2019 , 16, 24-40	5.6	89
184	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
183	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
182	Identification and structural insights of three novel antimicrobial peptides isolated from green coconut water. <i>Peptides</i> , 2009 , 30, 633-7	3.8	86
181	Bcl-2 prevents CD95 (Fas/APO-1)-induced degradation of lamin B and poly(ADP-ribose) polymerase and restores the NF-kappaB signaling pathway. <i>Journal of Biological Chemistry</i> , 1996 , 271, 30354-9	5.4	86
180	The Akt inhibitor KP372-1 suppresses Akt activity and cell proliferation and induces apoptosis in thyroid cancer cells. <i>British Journal of Cancer</i> , 2005 , 92, 1899-905	8.7	85
179	Marine lipopeptide Iturin A inhibits Akt mediated GSK3 and FoxO3a signaling and triggers apoptosis in breast cancer. <i>Scientific Reports</i> , 2015 , 5, 10316	4.9	81

178	Integrin-linked kinase is a potential therapeutic target for anaplastic thyroid cancer. <i>Molecular Cancer Therapeutics</i> , 2005 , 4, 1146-56	6.1	76
177	Butyric acid induces apoptosis by up-regulating Bax expression via stimulation of the c-Jun N-terminal kinase/activation protein-1 pathway in human colon cancer cells. <i>Gastroenterology</i> , 2001 , 120, 71-8	13.3	76
176	ZD6474, a dual tyrosine kinase inhibitor of EGFR and VEGFR-2, inhibits MAPK/ERK and AKT/PI3-K and induces apoptosis in breast cancer cells. <i>Cancer Biology and Therapy</i> , 2010 , 9, 592-603	4.6	74
175	Pro-survival autophagy and cancer cell resistance to therapy. <i>Cancer and Metastasis Reviews</i> , 2018 , 37, 749-766	9.6	73
174	Photoresponsive coumarin-tethered multifunctional magnetic nanoparticles for release of anticancer drug. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 5232-8	9.5	71
173	Insights into molecular therapy of glioma: current challenges and next generation blueprint. <i>Acta Pharmacologica Sinica</i> , 2017 , 38, 591-613	8	67
172	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
171	Antitumor promoting potential of selected phytochemicals derived from spices: a review. <i>European Journal of Cancer Prevention</i> , 2012 , 21, 205-15	2	61
170	Marine Bacterium Derived Lipopeptides: Characterization and Cytotoxic Activity Against Cancer Cell Lines. <i>International Journal of Peptide Research and Therapeutics</i> , 2010 , 16, 215-222	2.1	59
169	Second generation liposomal cancer therapeutics: transition from laboratory to clinic. <i>International Journal of Pharmaceutics</i> , 2013 , 448, 28-43	6.5	58
168	Involvement of non-protein thiols, mitochondrial dysfunction, reactive oxygen species and p53 in honey-induced apoptosis. <i>Investigational New Drugs</i> , 2010 , 28, 624-33	4.3	58
167	Targeted molecular therapy of anaplastic thyroid carcinoma with AEE788. <i>Molecular Cancer Therapeutics</i> , 2005 , 4, 632-40	6.1	58
166	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
165	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
164	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
163	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
162	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
161	BAG3 Overexpression and Cytoprotective Autophagy Mediate Apoptosis Resistance in Chemoresistant Breast Cancer Cells. <i>Neoplasia</i> , 2018 , 20, 263-279	6.4	51

160	Heregulin induces expression, ATPase activity, and nuclear localization of G3BP, a Ras signaling component, in human breast tumors. <i>Cancer Research</i> , 2002 , 62, 1251-5	10.1	51
159	An orthotopic model of anaplastic thyroid carcinoma in athymic nude mice. <i>Clinical Cancer Research</i> , 2005 , 11, 1713-21	12.9	50
158	Celecoxib alleviates tamoxifen-instigated angiogenic effects by ROS-dependent VEGF/VEGFR2 autocrine signaling. <i>BMC Cancer</i> , 2013 , 13, 273	4.8	49
157	Effect of honey and eugenol on Ehrlich ascites and solid carcinoma. <i>Journal of Biomedicine and Biotechnology</i> , 2010 , 2010, 989163		49
156	MTA1 interacts with MAT1, a cyclin-dependent kinase-activating kinase complex ring finger factor, and regulates estrogen receptor transactivation functions. <i>Journal of Biological Chemistry</i> , 2003 , 278, 11676-85	5.4	49
155	Identification of multifunctional peptides from human milk. <i>Peptides</i> , 2014 , 56, 84-93	3.8	48
154	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
153	Suppression of epidermal growth factor receptor, mitogen-activated protein kinase, and Pak1 pathways and invasiveness of human cutaneous squamous cancer cells by the tyrosine kinase inhibitor ZD1839 (Iressa). <i>Molecular Cancer Therapeutics</i> , 2003 , 2, 345-51	6.1	48
152	Somatostatin receptor targeted liposomes with Diacerein inhibit IL-6 for breast cancer therapy. <i>Cancer Letters</i> , 2017 , 388, 292-302	9.9	46
151	The Akt inhibitor KP372-1 inhibits proliferation and induces apoptosis and anoikis in squamous cell carcinoma of the head and neck. <i>Oral Oncology</i> , 2006 , 42, 430-9	4.4	46
150	Gallic acid induced apoptotic events in HCT-15 colon cancer cells. <i>World Journal of Gastroenterology</i> , 2016 , 22, 3952-61	5.6	46
149	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
148	Antivascular therapy of human follicular thyroid cancer experimental bone metastasis by blockade of epidermal growth factor receptor and vascular growth factor receptor phosphorylation. <i>Cancer Research</i> , 2005 , 65, 4716-27	10.1	44
147	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
146	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
145	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
144	Concurrent cetuximab and bevacizumab therapy in a murine orthotopic model of anaplastic thyroid carcinoma. <i>Laryngoscope</i> , 2007 , 117, 674-9	3.6	43
143	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

142	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
141	Microbial amphiphiles: a class of promising new-generation anticancer agents. <i>Drug Discovery Today</i> , 2015 , 20, 136-46	8.8	40
140	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
139	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
138	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
137	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
136	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
135	Electrospinning applications from diagnosis to treatment of diabetes. <i>RSC Advances</i> , 2016 , 6, 83638-83655	5.7	38
134	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
133	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
132	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
131	Effective bacterial inactivation using low temperature radio frequency plasma. <i>International Journal of Pharmaceutics</i> , 2010 , 396, 17-22	6.5	36
130	Redistribution of activated caspase-3 to the nucleus during butyric acid-induced apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 1999 , 260, 775-80	3.4	36
129	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
128	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
127	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
126	Bcl-2 deregulation leads to inhibition of sodium butyrate-induced apoptosis in human colorectal carcinoma cells. <i>Carcinogenesis</i> , 1997 , 18, 229-32	4.6	34
125	Studies on the phenolic profiling, anti-oxidant and cytotoxic activity of Indian honey: in vitro evaluation. <i>Natural Product Research</i> , 2010 , 24, 1295-306	2.3	33

124	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
123	Effect of liposomal celecoxib on proliferation of colon cancer cell and inhibition of DMBA-induced tumor in rat model. <i>Cancer Nanotechnology</i> , 2011 , 2, 67-79	7.9	32
122	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
121	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
120	Dynamic chromatin remodeling on the HER2 promoter in human breast cancer cells. <i>FEBS Letters</i> , 2001 , 507, 88-94	3.8	30
119	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
118	Rapid determination of vitamin B2 and B12 in human urine by isocratic liquid chromatography. <i>Analytica Chimica Acta</i> , 2009 , 640, 110-3	6.6	27
117	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
116	ZD6474 enhances paclitaxel antiproliferative and apoptotic effects in breast carcinoma cells. <i>Journal of Cellular Physiology</i> , 2011 , 226, 375-84	7	25
115	Molecular analysis of anoikis resistance in oral cavity squamous cell carcinoma. <i>Oral Oncology</i> , 2007 , 43, 440-54	4.4	25
114	Antisense oligonucleotides to the epidermal growth factor receptor. <i>Breast Cancer Research and Treatment</i> , 1999 , 53, 41-50	4.4	25
113	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
112	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
111	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
110	Monitoring cellular activities of cancer cells using impedance sensing devices. <i>Sensors and Actuators B: Chemical</i> , 2014 , 193, 478-483	8.5	24
109	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
108	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
107	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

106	Stimulation of indoleacetic acid production in a Rhizobium isolate of Vigna mungo by root nodule phenolic acids. <i>Archives of Microbiology</i> , 2009 , 191, 389-93	3	23
105	Effect of AEE788 and/or Celecoxib on colon cancer cell morphology using advanced microscopic techniques. <i>Micron</i> , 2010 , 41, 247-56	2.3	23
104	Stimulation of forward motility of goat cauda epididymal spermatozoa by a serum glycoprotein factor. <i>Biology of Reproduction</i> , 1989 , 41, 983-9	3.9	22
103	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
102	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
101	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
100	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
99	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
98	Frequency dependent impedimetric cytotoxic evaluation of anticancer drug on breast cancer cell. <i>Biosensors and Bioelectronics</i> , 2014 , 55, 44-50	11.8	20
97	Glucose directly promotes antifungal resistance in the fungal pathogen, Candida spp. <i>Journal of Biological Chemistry</i> , 2014 , 289, 25468-73	5.4	20
96	Regulation of elongation factor-1alpha expression by growth factors and anti-receptor blocking antibodies. <i>Journal of Biological Chemistry</i> , 2001 , 276, 5636-42	5.4	20
95	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
94	Lead bioactive compounds of Aloe vera as potential anticancer agent. <i>Pharmacological Research</i> , 2019 , 148, 104416	10.2	19
93	Prevention of epithelial to mesenchymal transition in colorectal carcinoma by regulation of the E-cadherin-Ecatenin-vinculin axis. <i>Cancer Letters</i> , 2019 , 452, 254-263	9.9	19
92	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
91	Fe3O4@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
90	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
89	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

88	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
87	Bioimpedimetric analysis in conjunction with growth dynamics to differentiate aggressiveness of cancer cells. <i>Scientific Reports</i> , 2018 , 8, 783	4.9	18
86	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
85	Copper(II)-sulfonamide Schiff base complexes: Structure, biological activity and theoretical interpretation. <i>Polyhedron</i> , 2018 , 151, 344-354	2.7	18
84	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
83	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
82	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
81	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
80	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
79	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
78	Identification and characterization of a sperm motility promoting glycoprotein from buffalo blood serum. <i>Journal of Cellular Physiology</i> , 2006 , 209, 353-62	7	16
77	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
76	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
75	Electric cell substrate impedance sensing technique to monitor cellular behaviours of cancer cells. <i>RSC Advances</i> , 2014 , 4, 9432	3.7	15
74	Rheology and thermal properties of marketed Indian honey. <i>Nutrition and Food Science</i> , 2009 , 39, 111-117	7.5	15
73	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
72	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
71	Pre-clinical risk assessment and therapeutic potential of antitumor lipopeptide [Turin A] in an in vivo and in vitro model. <i>RSC Advances</i> , 2016 , 6, 71612-71623	3.7	14

70	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
69	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
68	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
67	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
66	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
65	Curcumin Complexed with Graphene Derivative for Breast Cancer Therapy.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 6284-6296	4.1	13
64	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
63	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
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