

Mahitosh Mandal

List of Publications by Year in descending order

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214
papers

11,227
citations

20817

60
h-index

39675

94
g-index

222
all docs

222
docs citations

222
times ranked

15571
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptional repression of oestrogen receptor by metastasis-associated protein 1 corepressor. <i>Nature Cell Biology</i> , 2001, 3, 30-37.	10.3	354
2	A naturally occurring MTA1 variant sequesters oestrogen receptor- β in the cytoplasm. <i>Nature</i> , 2002, 418, 654-657.	27.8	238
3	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, 36238-36244.	3.4	226
4	The potential of celecoxib-loaded hydroxyapatite-chitosan nanocomposite for the treatment of colon cancer. <i>Biomaterials</i> , 2011, 32, 3794-3806.	11.4	214
5	Antiproliferative Effects of Honey and of Its Polyphenols: A Review. <i>Journal of Biomedicine and Biotechnology</i> , 2009, 2009, 1-13.	3.0	213
6	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, 6091-6095.	7.1	205
7	Physical Interaction between Epidermal Growth Factor Receptor and DNA-dependent Protein Kinase in Mammalian Cells. <i>Journal of Biological Chemistry</i> , 1998, 273, 1568-1573.	3.4	203
8	Regulation of Cyclooxygenase-2 pathway by HER2 receptor. <i>Oncogene</i> , 1999, 18, 305-314.	5.9	200
9	Epithelial to mesenchymal transition in head and neck squamous carcinoma. <i>Cancer</i> , 2008, 112, 2088-2100.	4.1	184
10	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.	7.2	184
11	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, 131-143.	5.2	169
12	Exosome as a Novel Shuttle for Delivery of Therapeutics across Biological Barriers. <i>Molecular Pharmaceutics</i> , 2019, 16, 24-40.	4.6	163
13	Autophagy. <i>Advances in Cancer Research</i> , 2013, 118, 61-95.	5.0	161
14	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, 8594-8602.	7.0	154
15	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, 12041-12050.	3.4	153
16	Apoptotic effect of eugenol in human colon cancer cell lines. <i>Cell Biology International</i> , 2011, 35, 607-615.	3.0	149
17	PI3K and Akt as molecular targets for cancer therapy: current clinical outcomes. <i>Acta Pharmacologica Sinica</i> , 2012, 33, 1441-1458.	6.1	141
18	Synthesis of biocompatible multicolor luminescent carbon dots for bioimaging applications. <i>Science and Technology of Advanced Materials</i> , 2012, 13, 045008.	6.1	140

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19	p21-activated kinase 1 interacts with and phosphorylates histone H3 in breast cancer cells. <i>EMBO Reports</i> , 2002, 3, 767-773.	4.5	134
20	Silk sericin protein of tropical tasar silkworm inhibits UVB-induced apoptosis in human skin keratinocytes. <i>Molecular and Cellular Biochemistry</i> , 2008, 311, 111-119.	3.1	133
21	Bcl-2 Modulates Telomerase Activity. <i>Journal of Biological Chemistry</i> , 1997, 272, 14183-14187.	3.4	132
22	Nuclear targeting of Bax during apoptosis in human colorectal cancer cells. <i>Oncogene</i> , 1998, 17, 999-1007.	5.9	129
23	Events associated with apoptotic effect of p-Coumaric acid in HCT-15 colon cancer cells. <i>World Journal of Gastroenterology</i> , 2013, 19, 7726.	3.3	129
24	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.	11.4	128
25	Engineered silk fibroin protein 3D matrices for in vitro tumor model. <i>Biomaterials</i> , 2011, 32, 2149-2159.	11.4	126
26	Antineoplastic and Apoptotic Potential of Traditional Medicines Thymoquinone and Diosgenin in Squamous Cell Carcinoma. <i>PLoS ONE</i> , 2012, 7, e46641.	2.5	125
27	Molecular targeting of Akt by thymoquinone promotes G1 arrest through translation inhibition of cyclin D1 and induces apoptosis in breast cancer cells. <i>Life Sciences</i> , 2013, 93, 783-790.	4.3	116
28	Pro-survival autophagy and cancer cell resistance to therapy. <i>Cancer and Metastasis Reviews</i> , 2018, 37, 749-766.	5.9	116
29	Insights into molecular therapy of glioma: current challenges and next generation blueprint. <i>Acta Pharmacologica Sinica</i> , 2017, 38, 591-613.	6.1	115
30	Etk/Bmx Tyrosine Kinase Activates Pak1 and Regulates Tumorigenicity of Breast Cancer Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 29403-29409.	3.4	114
31	Growth Factors Regulate Heterogeneous Nuclear Ribonucleoprotein K Expression and Function. <i>Journal of Biological Chemistry</i> , 2001, 276, 9699-9704.	3.4	108
32	Identification and structural insights of three novel antimicrobial peptides isolated from green coconut water. <i>Peptides</i> , 2009, 30, 633-637.	2.4	105
33	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, 217-225.	5.9	104
34	Bcl-2 Prevents CD95 (Fas/APO-1)-induced Degradation of Lamin B and Poly(ADP-ribose) Polymerase and Restores the NF- κ B Signaling Pathway. <i>Journal of Biological Chemistry</i> , 1996, 271, 30354-30359.	3.4	102
35	Targeted Apoptotic Effects of Thymoquinone and Tamoxifen on XIAP Mediated Akt Regulation in Breast Cancer. <i>PLoS ONE</i> , 2013, 8, e61342.	2.5	100
36	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.	3.3	96

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37	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.	9.0	87
38	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, 71-78.	1.3	86
39	Photoresponsive Coumarin-Tethered Multifunctional Magnetic Nanoparticles for Release of Anticancer Drug. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 5232-5238.	8.0	86
40	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.	3.4	83
41	Integrin-linked kinase is a potential therapeutic target for anaplastic thyroid cancer. <i>Molecular Cancer Therapeutics</i> , 2005, 4, 1146-1156.	4.1	80
42	Antitumor promoting potential of selected phytochemicals derived from spices. <i>European Journal of Cancer Prevention</i> , 2012, 21, 205-215.	1.3	75
43	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.	8.3	75
44	Silk fibroin nanoparticles support in vitro sustained antibiotic release and osteogenesis on titanium surface. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 1193-1204.	3.3	75
45	Involvement of non-protein thiols, mitochondrial dysfunction, reactive oxygen species and p53 in honey-induced apoptosis. <i>Investigational New Drugs</i> , 2010, 28, 624-633.	2.6	72
46	Lactate dehydrogenase A regulates autophagy and tamoxifen resistance in breast cancer. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 1004-1018.	4.1	72
47	BAG3 Overexpression and Cytoprotective Autophagy Mediate Apoptosis Resistance in Chemoresistant Breast Cancer Cells. <i>Neoplasia</i> , 2018, 20, 263-279.	5.3	71
48	In-Silico approach for identification of effective and stable inhibitors for COVID-19 main protease (M ^{pro}) from flavonoid based phytochemical constituents of <i>Calendula officinalis</i> . <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 6265-6280.	3.5	71
49	Gallic acid induced apoptotic events in HCT-15 colon cancer cells. <i>World Journal of Gastroenterology</i> , 2016, 22, 3952.	3.3	71
50	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.	1.9	70
51	Effect of Honey and Eugenol on Ehrlich Ascites and Solid Carcinoma. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-5.	3.0	69
52	Overcoming Akt Induced Therapeutic Resistance in Breast Cancer through siRNA and Thymoquinone Encapsulated Multilamellar Gold Niosomes. <i>Molecular Pharmaceutics</i> , 2015, 12, 4214-4225.	4.6	68
53	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.	7.8	68
54	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.	5.0	68

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55	Second generation liposomal cancer therapeutics: Transition from laboratory to clinic. <i>International Journal of Pharmaceutics</i> , 2013, 448, 28-43.	5.2	67
56	Screening of plant-based natural compounds as a potential COVID-19 main protease inhibitor: an <i>in silico</i> docking and molecular dynamics simulation approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 696-711.	3.5	67
57	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.	3.3	66
58	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.	8.0	66
59	Somatostatin receptor targeted liposomes with Diacerein inhibit IL-6 for breast cancer therapy. <i>Cancer Letters</i> , 2017, 388, 292-302.	7.2	65
60	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.	8.3	63
61	Targeted molecular therapy of anaplastic thyroid carcinoma with AEE788. <i>Molecular Cancer Therapeutics</i> , 2005, 4, 632-640.	4.1	62
62	Tailor-Made Temperature-Sensitive Micelle for Targeted and On-Demand Release of Anticancer Drugs. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 12063-12074.	8.0	62
63	Multi-nucleated cells use ROS to induce breast cancer chemo-resistance in vitro and in vivo. <i>Oncogene</i> , 2018, 37, 4546-4561.	5.9	61
64	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.	3.6	60
65	Diacerein-mediated inhibition of IL-6/IL-6R signaling induces apoptotic effects on breast cancer. <i>Oncogene</i> , 2016, 35, 3965-3975.	5.9	59
66	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.	4.1	59
67	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.	2.4	58
68	Celecoxib alleviates tamoxifen-instigated angiogenic effects by ROS-dependent VEGF/VEGFR2 autocrine signaling. <i>BMC Cancer</i> , 2013, 13, 273.	2.6	57
69	An Orthotopic Model of Anaplastic Thyroid Carcinoma in Athymic Nude Mice. <i>Clinical Cancer Research</i> , 2005, 11, 1713-1721.	7.0	56
70	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.	0.9	56
71	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, 11676-11685.	3.4	55
72	Carbon Nanofiber Reinforced Nonmulberry Silk Protein Fibroin Nanobiocomposite for Tissue Engineering Applications. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 19356-19370.	8.0	53

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73	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, 430-439.	1.5	52
74	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.	3.3	52
75	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, 4716-4727.	0.9	51
76	Identification of multifunctional peptides from human milk. <i>Peptides</i> , 2014, 56, 84-93.	2.4	51
77	Concurrent Cetuximab and Bevacizumab Therapy in a Murine Orthotopic Model of Anaplastic Thyroid Carcinoma. <i>Laryngoscope</i> , 2007, 117, 674-679.	2.0	50
78	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, 184-193.	2.6	50
79	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.	9.4	50
80	Electrospinning applications from diagnosis to treatment of diabetes. <i>RSC Advances</i> , 2016, 6, 83638-83655.	3.6	49
81	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.	5.7	49
82	Thymoquinone Restores Radiation-Induced TGF α Expression and Abrogates EMT in Chemoradiotherapy of Breast Cancer Cells. <i>Journal of Cellular Physiology</i> , 2015, 230, 620-629.	4.1	48
83	Microbial amphiphiles: a class of promising new-generation anticancer agents. <i>Drug Discovery Today</i> , 2015, 20, 136-146.	6.4	47
84	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.	7.4	46
85	Lead bioactive compounds of Aloe vera as potential anticancer agent. <i>Pharmacological Research</i> , 2019, 148, 104416.	7.1	45
86	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.	7.4	45
87	Effective bacterial inactivation using low temperature radio frequency plasma. <i>International Journal of Pharmaceutics</i> , 2010, 396, 17-22.	5.2	44
88	Pro-survival autophagy: An emerging candidate of tumor progression through maintaining hallmarks of cancer. <i>Seminars in Cancer Biology</i> , 2020, 66, 59-74.	9.6	44
89	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.	9.4	43
90	Bcl-2 deregulation leads to inhibition of sodium butyrate-induced apoptosis in human colorectal carcinoma cells. <i>Carcinogenesis</i> , 1997, 18, 229-232.	2.8	42

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91	Redistribution of Activated Caspase-3 to the Nucleus during Butyric Acid-Induced Apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 1999, 260, 775-780.	2.1	42
92	Dietary flavone chrysin (5,7-dihydroxyflavone ChR) functionalized highly-stable metal nanoformulations for improved anticancer applications. <i>RSC Advances</i> , 2015, 5, 89869-89878.	3.6	42
93	Sonochemically synthesized biocompatible zirconium phosphate nanoparticles for pH sensitive drug delivery application. <i>Materials Science and Engineering C</i> , 2016, 60, 84-91.	7.3	42
94	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.	2.6	42
95	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.	3.7	41
96	Stimulation of indoleacetic acid production in a <i>Rhizobium</i> isolate of <i>Vigna mungo</i> by root nodule phenolic acids. <i>Archives of Microbiology</i> , 2009, 191, 389-393.	2.2	38
97	Senescence in polyploid giant cancer cells: A road that leads to chemoresistance. <i>Cytokine and Growth Factor Reviews</i> , 2020, 52, 68-75.	7.2	37
98	Studies on the phenolic profiling, anti-oxidant and cytotoxic activity of Indian honey: <i>in vitro</i> evaluation. <i>Natural Product Research</i> , 2010, 24, 1295-1306.	1.8	36
99	Metal Ion Ornamented Ultrafast Light-Sensitive Nanogel for Potential <i>In Vivo</i> Cancer Therapy. <i>Chemistry of Materials</i> , 2016, 28, 8598-8610.	6.7	35
100	Micellar Gold Nanoparticles as Delivery Vehicles for Dual Tyrosine Kinase Inhibitor ZD6474 for Metastatic Breast Cancer Treatment. <i>Langmuir</i> , 2017, 33, 7649-7659.	3.5	35
101	Bioimpedimetric analysis in conjunction with growth dynamics to differentiate aggressiveness of cancer cells. <i>Scientific Reports</i> , 2018, 8, 783.	3.3	35
102	The transformation of cancer-associated fibroblasts: Current perspectives on the role of TGF- β 2 in CAF mediated tumor progression and therapeutic resistance. <i>Cancer Letters</i> , 2021, 520, 222-232.	7.2	35
103	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.	3.2	34
104	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.	9.4	34
105	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.	6.4	34
106	Dynamic chromatin remodeling on the HER2 promoter in human breast cancer cells. <i>FEBS Letters</i> , 2001, 507, 88-94.	2.8	33
107	Inflammation induced by human papillomavirus in cervical cancer and its implication in prevention. <i>European Journal of Cancer Prevention</i> , 2014, 23, 432-448.	1.3	33
108	Monitoring cellular activities of cancer cells using impedance sensing devices. <i>Sensors and Actuators B: Chemical</i> , 2014, 193, 478-483.	7.8	32

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109	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.	5.4	32
110	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.	3.2	31
111	CW627368X inhibits proliferation and induces apoptosis in cervical cancer by interfering with EP4/EGFR interactive signaling. <i>Cell Death and Disease</i> , 2016, 7, e2154-e2154.	6.3	31
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.	7.5	31
113	Therapeutic implication of α -Iturin A™ for targeting MD-2/TLR4 complex to overcome angiogenesis and invasion. <i>Cellular Signalling</i> , 2017, 35, 24-36.	3.6	30
114	Resensitization of Akt Induced Docetaxel Resistance in Breast Cancer by α -Iturin A™ a Lipopeptide Molecule from Marine Bacteria <i>Bacillus megaterium</i> . <i>Scientific Reports</i> , 2017, 7, 17324.	3.3	30
115	Copper(II)-sulfonamide Schiff base complexes: Structure, biological activity and theoretical interpretation. <i>Polyhedron</i> , 2018, 151, 344-354.	2.2	29
116	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.	4.6	29
117	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.	2.4	29
118	Curcumin Complexed with Graphene Derivative for Breast Cancer Therapy. <i>ACS Applied Bio Materials</i> , 2020, 3, 6284-6296.	4.6	29
119	Antisense oligonucleotides to the epidermal growth factor receptor. <i>Breast Cancer Research and Treatment</i> , 1999, 53, 41-50.	2.5	28
120	Molecular analysis of anoikis resistance in oral cavity squamous cell carcinoma. <i>Oral Oncology</i> , 2007, 43, 440-454.	1.5	28
121	ZD6474 enhances paclitaxel antiproliferative and apoptotic effects in breast carcinoma cells. <i>Journal of Cellular Physiology</i> , 2011, 226, 375-384.	4.1	28
122	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.	7.1	28
123	Rapid determination of vitamin B2 and B12 in human urine by isocratic liquid chromatography. <i>Analytica Chimica Acta</i> , 2009, 640, 110-113.	5.4	27
124	Frequency dependent impedimetric cytotoxic evaluation of anticancer drug on breast cancer cell. <i>Biosensors and Bioelectronics</i> , 2014, 55, 44-50.	10.1	27
125	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.	7.5	26
126	Effect of AEE788 and/or Celecoxib on colon cancer cell morphology using advanced microscopic techniques. <i>Micron</i> , 2010, 41, 247-256.	2.2	25

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127	Self-assembled cardanol azo derivatives as antifungal agent with chitin-binding ability. <i>International Journal of Biological Macromolecules</i> , 2014, 69, 5-11.	7.5	25
128	A targeted, image-guided and dually locked photoresponsive drug delivery system. <i>Journal of Materials Chemistry B</i> , 2015, 3, 728-732.	5.8	25
129	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.	7.2	25
130	Stimulation of Forward Motility of Goat Cauda Epididymal Spermatozoa by a Serum Glycoprotein Factor 1. <i>Biology of Reproduction</i> , 1989, 41, 983-989.	2.7	24
131	Glucose Directly Promotes Antifungal Resistance in the Fungal Pathogen, <i>Candida</i> spp.. <i>Journal of Biological Chemistry</i> , 2014, 289, 25469-25473.	3.4	24
132	<i>Abrus</i> agglutinin is a potent anti-proliferative and anti-angiogenic agent in human breast cancer. <i>International Journal of Cancer</i> , 2016, 139, 457-466.	5.1	24
133	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.	4.6	24
134	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.	4.4	24
135	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.	3.6	23
136	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.	3.6	23
137	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.	12.7	23
138	Paracrine TGF- β 1 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.	4.4	23
139	Regulation of Elongation Factor-1 \pm Expression by Growth Factors and Anti-receptor Blocking Antibodies. <i>Journal of Biological Chemistry</i> , 2001, 276, 5636-5642.	3.4	22
140	Sequential release of drugs from hollow manganese ferrite nanocarriers for breast cancer therapy. <i>Journal of Materials Chemistry B</i> , 2015, 3, 90-101.	5.8	22
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.	4.1	22
142	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, 207-216.	5.2	21
143	Prospect of natural products in glioma: A novel avenue in glioma management. <i>Phytotherapy Research</i> , 2019, 33, 2571-2584.	5.8	21
144	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.	3.6	20

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145	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, 9829-9837.	1.8	20
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