

Mahitosh Mandal

List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	Screening of the Prime bioactive compounds from Aloe vera as potential anti-proliferative agents targeting DNA. <i>Computers in Biology and Medicine</i> , 2022, 141, 105052.	7.0	13
3	The Intricacy of ROS in Cancer Therapy Resistance. , 2022, , 1217-1238.		0
4	Understanding the function and regulation of Sox2 for its therapeutic potential in breast cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2022, 1877, 188692.	7.4	8
5	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.	7.0	3
6	TGF- β 1 induced autophagy in cancer associated fibroblasts during hypoxia contributes EMT and glycolysis via MCT4 upregulation. <i>Experimental Cell Research</i> , 2022, 417, 113195.	2.6	16
7	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, 1877, 188734.	7.4	5
8	Gold Nanoparticle Embedded Stimuli-Responsive Functional Glycopolymer: A Potential Material for Synergistic Chemo-Photodynamic Therapy of Cancer Cells. <i>Macromolecular Bioscience</i> , 2022, 22, .	4.1	7
9	Therapeutic targeting of RBPJ, an upstream regulator of ETV6 gene, abrogates ETV6-NTRK3 fusion gene transformations in glioblastoma. <i>Cancer Letters</i> , 2022, 544, 215811.	7.2	4
10	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
11	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
12	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
13	Natural products based nanoformulations for cancer treatment: current evolution in Indian research. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 044101.	3.3	8
14	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
15	Sericin-chitosan-glycosaminoglycans hydrogels incorporated with growth factors for in vitro and in vivo skin repair. <i>Carbohydrate Polymers</i> , 2021, 258, 117717.	10.2	17
16	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.	4.1	12
17	Synthesis, self-assembly and drug release study of a new dual-responsive biocompatible block copolymer containing phenylalanine derivative. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2021, 58, 792-803.	2.2	11
18	Therapeutic targeting of membrane-associated proteins in central nervous system tumors. <i>Experimental Cell Research</i> , 2021, 406, 112760.	2.6	2

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19	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
20	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
21	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
22	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
23	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.	7.4	13
24	Curcumin Complexed with Graphene Derivative for Breast Cancer Therapy. <i>ACS Applied Bio Materials</i> , 2020, 3, 6284-6296.	4.6	29
25	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	0
26	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
27	Transcriptional regulation of HSPB1 by Friend leukemia integration-1 factor modulates radiation and temozolomide resistance in glioblastoma. <i>Oncotarget</i> , 2020, 11, 1097-1108.	1.8	15
28	The Interplay of Autophagy and the Immune System in the Tumor Microenvironment. , 2020, , 183-202.		0
29	Osteochondral Defects Healing Using Extracellular Matrix Mimetic Phosphate/Sulfate Decorated CAGs-Agarose Gel and Quantitative Micro-CT Evaluation. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 149-164.	5.2	13
30	Prospect of natural products in glioma: A novel avenue in glioma management. <i>Phytotherapy Research</i> , 2019, 33, 2571-2584.	5.8	21
31	Lead bioactive compounds of Aloe vera as potential anticancer agent. <i>Pharmacological Research</i> , 2019, 148, 104416.	7.1	45
32	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.	9.0	10
33	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
34	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
35	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
36	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

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37	Pushâ€“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.	4.6	12
38	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
39	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
40	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
41	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
42	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
43	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.	4.1	15
44	Exosome as a Novel Shuttle for Delivery of Therapeutics across Biological Barriers. <i>Molecular Pharmaceutics</i> , 2019, 16, 24-40.	4.6	163
45	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, 4862-4862.	7.0	2
46	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	0
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	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
49	Copper Catalyzed Regioselective N-alkynylation of Pyrazoles and Evaluation of the Anticancer Activity of Ethynylâ€“Pyrazoles. <i>ChemistrySelect</i> , 2018, 3, 3511-3515.	1.5	13
50	Bioimpedimetric analysis in conjunction with growth dynamics to differentiate aggressiveness of cancer cells. <i>Scientific Reports</i> , 2018, 8, 783.	3.3	35
51	Preferential hepatic uptake of paclitaxel-loaded poly-(d,l-lactide-co-glycolide) nanoparticles â€“ A possibility for hepatic drug targeting: Pharmacokinetics and biodistribution. <i>International Journal of Biological Macromolecules</i> , 2018, 112, 818-830.	7.5	31
52	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
53	Pro-survival autophagy and cancer cell resistance to therapy. <i>Cancer and Metastasis Reviews</i> , 2018, 37, 749-766.	5.9	116
54	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

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55	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.	5.8	6
56	Copper(II)-sulfonamide Schiff base complexes: Structure, biological activity and theoretical interpretation. <i>Polyhedron</i> , 2018, 151, 344-354.	2.2	29
57	Targeting of EGFR, VEGFR2, and Akt by Engineered Dual Drug Encapsulated Mesoporous Silicaâ€“Gold Nanoclusters Sensitizes Tamoxifen-Resistant Breast Cancer. <i>Molecular Pharmaceutics</i> , 2018, 15, 2698-2713.	4.6	29
58	Prospects of nonmulberry silk protein sericin-based nanofibrous matrices for wound healing â€“ In vitro and in vivo investigations. <i>Acta Biomaterialia</i> , 2018, 78, 137-150.	8.3	63
59	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
60	A dual-analyte probe: hypoxia activated nitric oxide detection with phototriggered drug release ability. <i>Chemical Communications</i> , 2018, 54, 7940-7943.	4.1	17
61	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
62	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
63	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.	1.5	0
64	Therapeutic implication of â€“Iturin Aâ€™ for targeting MD-2/TLR4 complex to overcome angiogenesis and invasion. <i>Cellular Signalling</i> , 2017, 35, 24-36.	3.6	30
65	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
66	Insights into molecular therapy of glioma: current challenges and next generation blueprint. <i>Acta Pharmacologica Sinica</i> , 2017, 38, 591-613.	6.1	115
67	Somatostatin receptor targeted liposomes with Diacerein inhibit IL-6 for breast cancer therapy. <i>Cancer Letters</i> , 2017, 388, 292-302.	7.2	65
68	[(<i>p</i> -Cymene)Ru(dppp)Cl][PF ₆] ⁻ Catalysed Stereospecific Synthesis of <i>trans</i> -Dienyl Esters, and Evaluation of the Anticancer Activity of a Longâ€“Chain Fatty Acid <i>trans</i> -Dienyl Ester. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 1514-1519.	2.4	3
69	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
70	Photoresponsive Block Copolymer Prodrug Nanoparticles as Delivery Vehicle for Single and Dual Anticancer Drugs. <i>ACS Omega</i> , 2017, 2, 6677-6690.	3.5	11
71	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.	2.2	13
72	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

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73	Regulation of Extracellular Matrix Remodeling and Epithelial-Mesenchymal Transition by Matrix Metalloproteinases: Decisive Candidates in Tumor Progression. , 2017, , 159-194.		2
74	Micellar Gold Nanoparticles as Delivery Vehicles for Dual Tyrosine Kinase Inhibitor ZD6474 for Metastatic Breast Cancer Treatment. Langmuir, 2017, 33, 7649-7659.	3.5	35
75	Cascade photocaging of diazeniumdiolate: a novel strategy for one and two photon triggered uncaging with real time reporting. Chemical Communications, 2017, 53, 9470-9473.	4.1	22
76	Spontaneous vesicle formation by $\hat{1}^3$ -aminobutyric acid derived steroidal surfactant: Curcumin loading, cytotoxicity and cellular uptake studies. Journal of Colloid and Interface Science, 2017, 507, 1-10.	9.4	4
77	Carbon Nanofiber Reinforced Nonmulberry Silk Protein Fibroin Nanobiocomposite for Tissue Engineering Applications. ACS Applied Materials & Interfaces, 2017, 9, 19356-19370.	8.0	53
78	Gold nanorod embedded reduction responsive block copolymer micelle-triggered drug delivery combined with photothermal ablation for targeted cancer therapy. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 3039-3052.	2.4	58
79	In Vitro Drug and Gene Delivery Using Random Cationic Copolymers Forming Stable and pH-sensitive Polymersomes. Macromolecular Bioscience, 2017, 17, 1600324.	4.1	16
80	Hemocompatibility of Sulfuric Acid-Treated Metallocene Polyethylene and its Application in Reducing the Quantity of Medical Plastic Waste. Polymer-Plastics Technology and Engineering, 2017, 56, 240-253.	1.9	3
81	Resensitization of Akt Induced Docetaxel Resistance in Breast Cancer by $\hat{1}$ -taurin A $\hat{1}$ ™ a Lipopeptide Molecule from Marine Bacteria Bacillus megaterium. Scientific Reports, 2017, 7, 17324.	3.3	30
82	Sperm Motility Regulatory Proteins: A Tool to Enhance Sperm Quality. , 2016, , .		3
83	Honey and its Phytochemicals: Plausible Agents in Combating Colon Cancer through its Diversified Actions. Journal of Food Biochemistry, 2016, 40, 613-629.	2.9	17
84	<i>Abrus</i> agglutinin is a potent anti-proliferative and anti-angiogenic agent in human breast cancer. International Journal of Cancer, 2016, 139, 457-466.	5.1	24
85	Organic Nanoparticle-Based Fluorescent Chemosensor for Selective Switching ON and OFF of Photodynamic Therapy (PDT). ChemistrySelect, 2016, 1, 6523-6531.	1.5	6
86	Tailor-Made Temperature-Sensitive Micelle for Targeted and On-Demand Release of Anticancer Drugs. ACS Applied Materials & Interfaces, 2016, 8, 12063-12074.	8.0	62
87	Paclitaxel-loaded solid lipid nanoparticles modified with Tyr-3-octreotide for enhanced anti-angiogenic and anti-glioma therapy. Acta Biomaterialia, 2016, 38, 69-81.	8.3	75
88	Three-Arm, Biotin-Tagged Carbazole-Dicyanovinyl-Chlorambucil Conjugate: Simultaneous Tumor Targeting, Sensing, and Photoresponsive Anticancer Drug Delivery. Chemistry - an Asian Journal, 2016, 11, 3482-3486.	3.3	14
89	Electrospinning applications from diagnosis to treatment of diabetes. RSC Advances, 2016, 6, 83638-83655.	3.6	49
90	Pre-clinical risk assessment and therapeutic potential of antitumor lipopeptide $\hat{1}$ -taurin A $\hat{1}$ ™ in an in vivo and in vitro model. RSC Advances, 2016, 6, 71612-71623.	3.6	20

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91	Metal Ion Ornamented Ultrafast Light-Sensitive Nanogel for Potential in Vivo Cancer Therapy. <i>Chemistry of Materials</i> , 2016, 28, 8598-8610.	6.7	35
92	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
93	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.	2.5	14
94	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
95	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
96	Cooperative effect of BI-69A11 and celecoxib enhances radiosensitization by modulating DNA damage repair in colon carcinoma. <i>Tumor Biology</i> , 2016, 37, 6389-6402.	1.8	16
97	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-e2154.	6.3	31
98	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
99	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
100	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
101	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
102	Gallic acid induced apoptotic events in HCT-15 colon cancer cells. <i>World Journal of Gastroenterology</i> , 2016, 22, 3952.	3.3	71
103	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.	2.1	11
104	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
105	Probabilistic graphical modeling of speckle statistics in laser speckle contrast imaging for noninvasive and label-free retinal angiography. , 2015, 2015, 6244-7.		0
106	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
107	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, 124-132.	5.6	17
108	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

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109	Green surfactant of marine origin exerting a cytotoxic effect on cancer cell lines. RSC Advances, 2015, 5, 53086-53094.	3.6	4
110	Molecular inhibition of prostaglandin E2 with GW627368X: Therapeutic potential and preclinical safety assessment in mouse sarcoma model. Cancer Biology and Therapy, 2015, 16, 922-932.	3.4	13
111	Probing the potential of apigenin liposomes in enhancing bacterial membrane perturbation and integrity loss. Journal of Colloid and Interface Science, 2015, 453, 48-59.	9.4	43
112	Oxidative stress triggered by naturally occurring flavone apigenin results in senescence and chemotherapeutic effect in human colorectal cancer cells. Redox Biology, 2015, 5, 153-162.	9.0	87
113	Dietary flavone chrysin (5,7-dihydroxyflavone ChR) functionalized highly-stable metal nanoformulations for improved anticancer applications. RSC Advances, 2015, 5, 89869-89878.	3.6	42
114	pH-degradable and thermoresponsive water-soluble core cross-linked polymeric nanoparticles as potential drug delivery vehicle for doxorubicin. RSC Advances, 2015, 5, 83565-83575.	3.6	14
115	Identification of RAB2A and PRDX1 as the potential biomarkers for oral squamous cell carcinoma using mass spectrometry-based comparative proteomic approach. Tumor Biology, 2015, 36, 9829-9837.	1.8	20
116	Blockade of autophagy enhances proapoptotic potential of BI-69A11, a novel Akt inhibitor, in colon carcinoma. European Journal of Pharmacology, 2015, 765, 217-227.	3.5	14
117	A targeted, image-guided and dually locked photoresponsive drug delivery system. Journal of Materials Chemistry B, 2015, 3, 728-732.	5.8	25
118	Sequential release of drugs from hollow manganese ferrite nanocarriers for breast cancer therapy. Journal of Materials Chemistry B, 2015, 3, 90-101.	5.8	22
119	Thymoquinone Restores Radiation-Induced TGF β 2 Expression and Abrogates EMT in Chemoradiotherapy of Breast Cancer Cells. Journal of Cellular Physiology, 2015, 230, 620-629.	4.1	48
120	Microbial amphiphiles: a class of promising new-generation anticancer agents. Drug Discovery Today, 2015, 20, 136-146.	6.4	47
121	Inflammation induced by human papillomavirus in cervical cancer and its implication in prevention. European Journal of Cancer Prevention, 2014, 23, 432-448.	1.3	33
122	Self-assembled cardanol azo derivatives as antifungal agent with chitin-binding ability. International Journal of Biological Macromolecules, 2014, 69, 5-11.	7.5	25
123	Identification of multifunctional peptides from human milk. Peptides, 2014, 56, 84-93.	2.4	51
124	Frequency dependent impedimetric cytotoxic evaluation of anticancer drug on breast cancer cell. Biosensors and Bioelectronics, 2014, 55, 44-50.	10.1	27
125	Assessing Cytotoxic Effect of ZD6474 on MDA-MB-468 Cells Using Cell-Based Sensor. IEEE Sensors Journal, 2014, 14, 1476-1481.	4.7	11
126	Electric cell-substrate impedance sensing technique to monitor cellular behaviours of cancer cells. RSC Advances, 2014, 4, 9432.	3.6	17

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127	Monitoring cellular activities of cancer cells using impedance sensing devices. <i>Sensors and Actuators B: Chemical</i> , 2014, 193, 478-483.	7.8	32
128	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
129	Glucose Directly Promotes Antifungal Resistance in the Fungal Pathogen, <i>Candida spp.</i> . <i>Journal of Biological Chemistry</i> , 2014, 289, 25469-25473.	3.4	24
130	in vivo laser speckle imaging by adaptive contrast computation for microvasculature assessment. <i>Optics and Lasers in Engineering</i> , 2014, 62, 87-94.	3.8	12
131	A combined artificial neural network modeling and 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
132	Celecoxib alleviates tamoxifen-instigated angiogenic effects by ROS-dependent VEGF/VEGFR2 autocrine signaling. <i>BMC Cancer</i> , 2013, 13, 273.	2.6	57
133	Autophagy. <i>Advances in Cancer Research</i> , 2013, 118, 61-95.	5.0	161
134	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
135	Second generation liposomal cancer therapeutics: Transition from laboratory to clinic. <i>International Journal of Pharmaceutics</i> , 2013, 448, 28-43.	5.2	67
136	Photoresponsive Coumarin-Tethered Multifunctional Magnetic Nanoparticles for Release of Anticancer Drug. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 5232-5238.	8.0	86
137	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
138	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.	19.2	16
139	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
140	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
141	Antitumor promoting potential of selected phytochemicals derived from spices. <i>European Journal of Cancer Prevention</i> , 2012, 21, 205-215.	1.3	75
142	PI3K and Akt as molecular targets for cancer therapy: current clinical outcomes. <i>Acta Pharmacologica Sinica</i> , 2012, 33, 1441-1458.	6.1	141
143	AEE788 potentiates celecoxib-induced growth inhibition and apoptosis in human colon cancer cells. <i>Life Sciences</i> , 2012, 91, 789-799.	4.3	13
144	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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145	Antineoplastic and Apoptotic Potential of Traditional Medicines Thymoquinone and Diosgenin in Squamous Cell Carcinoma. PLoS ONE, 2012, 7, e46641.	2.5	125
146	Timeâ€dependent dosing of Fe²⁺ for improved lipopeptide production by marine <i>Bacillus megaterium</i>. Journal of Chemical Technology and Biotechnology, 2012, 87, 1661-1669.	3.2	31
147	Identification and characterization of a bactericidal and proapoptotic peptide from <i>cycas revoluta</i> seeds with DNA binding properties. Journal of Cellular Biochemistry, 2012, 113, 184-193.	2.6	50
148	Induction of apoptosis of azurin synthesized from P.Âaeruginosa MTCC 2453 against Dalton's lymphoma ascites model. Biomedicine and Pharmacotherapy, 2011, 65, 461-466.	5.6	10
149	Apoptotic effect of eugenol in human colon cancer cell lines. Cell Biology International, 2011, 35, 607-615.	3.0	149
150	Amino acid based amphiphilic copolymer micelles as carriers of non-steroidal anti-inflammatory drugs: Solubilization, in vitro release and biological evaluation. International Journal of Pharmaceutics, 2011, 407, 207-216.	5.2	21
151	Engineered silk fibroin protein 3D matrices for in vitro tumor model. Biomaterials, 2011, 32, 2149-2159.	11.4	126
152	Effect of liposomal celecoxib on proliferation of colon cancer cell and inhibition of DMBA-induced tumor in rat model. Cancer Nanotechnology, 2011, 2, 67-79.	3.7	41
153	ZD6474 enhances paclitaxel antiproliferative and apoptotic effects in breast carcinoma cells. Journal of Cellular Physiology, 2011, 226, 375-384.	4.1	28
154	The potential of celecoxib-loaded hydroxyapatite-chitosan nanocomposite for the treatment of colon cancer. Biomaterials, 2011, 32, 3794-3806.	11.4	214
155	Azurin Synthesis from Pseudomonas Aeruginosa MTCC 2453, Properties, Induction of Reactive Oxygen Species, and p53 Stimulated Apoptosis in Breast Carcinoma Cells. Journal of Cancer Science & Therapy, 2011, 03, .	1.7	9
156	Comparative Analyses of Different Surfactants on Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry Peptide Analysis. European Journal of Mass Spectrometry, 2010, 16, 567-575.	1.0	8
157	Marine Bacterium Derived Lipopeptides: Characterization and Cytotoxic Activity Against Cancer Cell Lines. International Journal of Peptide Research and Therapeutics, 2010, 16, 215-222.	1.9	70
158	Involvement of non-protein thiols, mitochondrial dysfunction, reactive oxygen species and p53 in honey-induced apoptosis. Investigational New Drugs, 2010, 28, 624-633.	2.6	72
159	Effective bacterial inactivation using low temperature radio frequency plasma. International Journal of Pharmaceutics, 2010, 396, 17-22.	5.2	44
160	Effect of AEE788 and/or Celecoxib on colon cancer cell morphology using advanced microscopic techniques. Micron, 2010, 41, 247-256.	2.2	25
161	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. Cancer Biology and Therapy, 2010, 9, 592-603.	3.4	83
162	Effect of Honey and Eugenol on Ehrlich Ascites and Solid Carcinoma. Journal of Biomedicine and Biotechnology, 2010, 2010, 1-5.	3.0	69

#	ARTICLE	IF	CITATIONS
163	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
164	Screening of <i>Pseudomonas aeruginosa</i> strain for enhanced synthesis of azurin induced by copper sulphate and potassium nitrate and its characterization. , 2010, , .		0
165	Screening of <i>Pseudomonas aeruginosa</i> strain for enhanced synthesis of azurin induced by copper sulphate and potassium nitrate and its characterization. , 2010, , .		0
166	Growth Factor Receptors and Apoptosis Regulators: Signaling Pathways, Prognosis, Chemosensitivity and Treatment Outcomes of Breast Cancer. <i>Breast Cancer: Basic and Clinical Research</i> , 2009, 3, BCBCR.S2492.	1.1	13
167	Proteomics view of a <i>Rhizobium</i> isolate response to arsenite [As(III)] stress. <i>Acta Microbiologica Et Immunologica Hungarica</i> , 2009, 56, 157-167.	0.8	7
168	Antiproliferative Effects of Honey and of Its Polyphenols: A Review. <i>Journal of Biomedicine and Biotechnology</i> , 2009, 2009, 1-13.	3.0	213
169	Rheology and thermal properties of marketed Indian honey. <i>Nutrition and Food Science</i> , 2009, 39, 111-117.	0.9	18
170	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
171	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
172	Identification and structural insights of three novel antimicrobial peptides isolated from green coconut water. <i>Peptides</i> , 2009, 30, 633-637.	2.4	105
173	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
174	Epithelial to mesenchymal transition in head and neck squamous carcinoma. <i>Cancer</i> , 2008, 112, 2088-2100.	4.1	184
175	Iron Oxide Nanoparticle Assisted Purification and Mass Spectrometry Based Proteolytic Mapping of Intact CD4+T Cells from Human Blood. <i>Preparative Biochemistry and Biotechnology</i> , 2008, 39, 20-31.	1.9	9
176	Concurrent Cetuximab and Bevacizumab Therapy in a Murine Orthotopic Model of Anaplastic Thyroid Carcinoma. <i>Laryngoscope</i> , 2007, 117, 674-679.	2.0	50
177	Molecular analysis of anoikis resistance in oral cavity squamous cell carcinoma. <i>Oral Oncology</i> , 2007, 43, 440-454.	1.5	28
178	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
179	Identification and characterization of a sperm motility promoting glycoprotein from buffalo blood serum. <i>Journal of Cellular Physiology</i> , 2006, 209, 353-362.	4.1	17
180	Growth inhibition of orthotopic anaplastic thyroid carcinoma xenografts in nude mice by PTK787/ZK222584 and CPT-11. <i>Head and Neck</i> , 2006, 28, 389-399.	2.0	12

#	ARTICLE	IF	CITATIONS
181	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
182	Integrin-linked kinase is a potential therapeutic target for anaplastic thyroid cancer. <i>Molecular Cancer Therapeutics</i> , 2005, 4, 1146-1156.	4.1	80
183	An Orthotopic Model of Anaplastic Thyroid Carcinoma in Athymic Nude Mice. <i>Clinical Cancer Research</i> , 2005, 11, 1713-1721.	7.0	56
184	Targeted molecular therapy of anaplastic thyroid carcinoma with AEE788. <i>Molecular Cancer Therapeutics</i> , 2005, 4, 632-640.	4.1	62
185	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
186	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
187	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
188	Heregulin promotes expression and subcellular redistribution of ADP-ribosylation factor 3. <i>FEBS Letters</i> , 2002, 524, 49-53.	2.8	1
189	A naturally occurring MTA1 variant sequesters oestrogen receptor- β in the cytoplasm. <i>Nature</i> , 2002, 418, 654-657.	27.8	238
190	p21 ^{ras} -activated kinase 1 interacts with and phosphorylates histone H3 in breast cancer cells. <i>EMBO Reports</i> , 2002, 3, 767-773.	4.5	134
191	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
192	Heregulin up-regulates heat shock protein-70 expression in breast cancer cells. <i>Anticancer Research</i> , 2002, 22, 1965-9.	1.1	4
193	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
194	Growth Factor Regulation of the Molecular Chaperone Calnexin. <i>Biochemical and Biophysical Research Communications</i> , 2001, 289, 725-732.	2.1	8
195	Dynamic chromatin remodeling on the HER2 promoter in human breast cancer cells. <i>FEBS Letters</i> , 2001, 507, 88-94.	2.8	33
196	Transcriptional repression of oestrogen receptor by metastasis-associated protein 1 corepressor. <i>Nature Cell Biology</i> , 2001, 3, 30-37.	10.3	354
197	Regulation of Elongation Factor-1 β Expression by Growth Factors and Anti-receptor Blocking Antibodies. <i>Journal of Biological Chemistry</i> , 2001, 276, 5636-5642.	3.4	22
198	Growth Factors Regulate Heterogeneous Nuclear Ribonucleoprotein K Expression and Function. <i>Journal of Biological Chemistry</i> , 2001, 276, 9699-9704.	3.4	108

#	ARTICLE	IF	CITATIONS
199	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
200	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
201	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
202	Regulation of Cyclooxygenase-2 pathway by HER2 receptor. <i>Oncogene</i> , 1999, 18, 305-314.	5.9	200
203	Antisense oligonucleotides to the epidermal growth factor receptor. <i>Breast Cancer Research and Treatment</i> , 1999, 53, 41-50.	2.5	28
204	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
205	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
206	Nuclear targeting of Bax during apoptosis in human colorectal cancer cells. <i>Oncogene</i> , 1998, 17, 999-1007.	5.9	129
207	Physical Interaction between Epidermal Growth Factor Receptor and DNA-dependent Protein Kinase in Mammalian Cells. <i>Journal of Biological Chemistry</i> , 1998, 273, 1568-1573.	3.4	203
208	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
209	Bcl-2 Modulates Telomerase Activity. <i>Journal of Biological Chemistry</i> , 1997, 272, 14183-14187.	3.4	132
210	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
211	NDF induces expression of a novel 46 kD protein in estrogen receptor positive breast cancer cells. , 1996, 62, 102-112.		8
212	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
213	Stimulation of Forward Motility of Goat Cauda Epididymal Spermatozoa by a Serum Glycoprotein Factor1. <i>Biology of Reproduction</i> , 1989, 41, 983-989.	2.7	24
214	Purification of Azurin from <i>Pseudomonas Aeuroginosa</i> . , 0, , .		6