Samir Patra

List of Publications by Year
in descending order

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67	2,938	159525	175177
papers	citations	30 h-index	52 g-index

73	73	73	4068
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Autophagy-modulating phytochemicals in cancer therapeutics: Current evidences and future perspectives. Seminars in Cancer Biology, 2022, 80, 205-217.	4.3	74
2	PAX9 reactivation by inhibiting DNA methyltransferase triggers antitumor effect in oral squamous cell carcinoma. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2022, 1868, 166428.	1.8	12
3	Comprehensive bioinformatic analyses of KRAS mutations and deciphering chromatin modification landscape of Caveolin-1 gene by lipid raft destabilization induced modulation of RAS-MAPK axis in colon cancer. Advances in Cancer Biology Metastasis, 2022, 4, 100048.	1.1	4
4	Dissecting miRNA facilitated physiology and function in human breast cancer for therapeutic intervention. Seminars in Cancer Biology, 2021, 72, 46-64.	4.3	35
5	Secretory clusterin promotes oral cancer cell survival via inhibiting apoptosis by activation of autophagy in AMPK/mTOR/ULK1 dependent pathway. Life Sciences, 2021, 264, 118722.	2.0	18
6	Emerging histone glutamine modifications mediated gene expression in cell differentiation and the VTA reward pathway. Gene, 2021, 768, 145323.	1.0	5
7	Clusterin as modulator of carcinogenesis: A potential avenue for targeted cancer therapy. Biochimica Et Biophysica Acta: Reviews on Cancer, 2021, 1875, 188500.	3.3	25
8	Dietary polyphenols in chemoprevention and synergistic effect in cancer: Clinical evidences and molecular mechanisms of action. Phytomedicine, 2021, 90, 153554.	2.3	73
9	Terminalia bellirica extract induces anticancer activity through modulation of apoptosis and autophagy in oral squamous cell carcinoma. Food and Chemical Toxicology, 2020, 136, 111073.	1.8	36
10	Inflammasomes in cancer: Effect of epigenetic and autophagic modulations. Seminars in Cancer Biology, 2020, , .	4.3	15
11	Molecular mechanisms of KDM5A in cellular functions: Facets during development and disease. Experimental Cell Research, 2020, 396, 112314.	1.2	19
12	Bioactive compounds from marine invertebrates as potent anticancer drugs: the possible pharmacophores modulating cell death pathways. Molecular Biology Reports, 2020, 47, 7209-7228.	1.0	15
13	Roles of OCT4 in pathways of embryonic development and cancer progression. Mechanisms of Ageing and Development, 2020, 189, 111286.	2.2	18
14	Bacopa monnieri inhibits apoptosis and senescence through mitophagy in human astrocytes. Food and Chemical Toxicology, 2020, 141, 111367.	1.8	14
15	Synthesis, structure and biological evaluation of mixed ligand oxidovanadium(<scp>iv</scp>) complexes incorporating 2-(arylazo)phenolates. New Journal of Chemistry, 2019, 43, 17711-17725.	1.4	21
16	Structure-function and application of plant lectins in disease biology and immunity. Food and Chemical Toxicology, 2019, 134, 110827.	1.8	117
17	Paederia foetida induces anticancer activity by modulating chromatin modification enzymes and altering pro-inflammatory cytokine gene expression in human prostate cancer cells. Food and Chemical Toxicology, 2019, 130, 161-173.	1.8	25
18	miR-193a targets MLL1 mRNA and drastically decreases MLL1 protein production: Ectopic expression of the miRNA aberrantly lowers H3K4me3 content of the chromatin and hampers cell proliferation and viability. Gene, 2019, 705, 22-35.	1.0	18

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19	Epigenetic silencing of genes enhanced by collective role of reactive oxygen species and MAPK signaling downstream ERK/Snail axis: Ectopic application of hydrogen peroxide repress CDH1 gene by enhanced DNA methyltransferase activity in human breast cancer. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 1651-1665.	1.8	42
20	Epigenetic Dietary Interventions for Prevention of Cancer. , 2019, , 23-48.		8
21	DNA methylation regulates Microtubule-associated tumor suppressor 1 in human non-small cell lung carcinoma. Experimental Cell Research, 2019, 374, 323-332.	1.2	20
22	Antagonistic activities of miR-148a and DNMT1: Ectopic expression of miR-148a impairs DNMT1 mRNA and dwindle cell proliferation and survival. Gene, 2018, 660, 68-79.	1.0	20
23	Overexpression of OCT4 induced by modulation of histone marks plays crucial role in breast cancer progression. Gene, 2018, 643, 35-45.	1.0	19
24	Monomeric and Dimeric Oxidomolybdenum(V and VI) Complexes, Cytotoxicity, and DNA Interaction Studies: Molybdenum Assisted Câ•N Bond Cleavage of Salophen Ligands. Inorganic Chemistry, 2017, 56, 11190-11210.	1.9	52
25	Identification of Genetic and Epigenetic Variants Associated with Breast Cancer Prognosis by Integrative Bioinformatics Analysis. Cancer Informatics, 2017, 16, CIN.S39783.	0.9	36
26	Interaction of phospholipase C with liposome: A conformation transition of the enzyme is critical and specific to liposome composition for burst hydrolysis and fusion in concert. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 173, 647-654.	2.0	3
27	SOX2 function and Hedgehog signaling pathway are co-conspirators in promoting androgen independent prostate cancer. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 253-265.	1.8	23
28	Epigenetics of reproductive infertility. Frontiers in Bioscience - Scholar, 2017, 9, 509-535.	0.8	28
29	Abrus agglutinin is a potent antiâ€proliferative and antiâ€angiogenic agent in human breast cancer. International Journal of Cancer, 2016, 139, 457-466.	2.3	24
30	DNA methylation and not H3K4 trimethylation dictates the expression status of miR-152 gene which inhibits migration of breast cancer cells via DNMT1/CDH1 loop. Experimental Cell Research, 2016, 346, 176-187.	1.2	47
31	Silencing of ZRF1 impedes survival of estrogen receptor positive MCF-7 cells and potentiates the effect of curcumin. Tumor Biology, 2016, 37, 12535-12546.	0.8	12
32	Epigenetic drift towards histone modifications regulates CAV1 gene expression in colon cancer. Gene, 2016, 581, 75-84.	1.0	27
33	Insights into the molecular interactions of thymoquinone with histone deacetylase: evaluation of the therapeutic intervention potential against breast cancer. Molecular BioSystems, 2016, 12, 48-58.	2.9	34
34	Epigenetic MicroRNA Regulation of Multiple Chromatin Functions: A Perspective in Cancer. Epigenetic Diagnosis & Therapy, 2016, 1, 81-90.	0.1	1
35	Anion triggered and solvent assisted structural diversity and reversible single-crystal-to-single-crystal (SCSC) transformation between 1D and 2D coordination polymers. CrystEngComm, 2015, 17, 8876-8887.	1.3	23
36	Clusterin gene is predominantly regulated by histone modifications in human colon cancer and ectopic expression of the nuclear isoform induces cell death. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 1630-1645.	1.8	32

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37	Mechanisms of DNA methyltransferaseâ€“inhibitor interactions: Procyanidin B2 shows new promise for therapeutic intervention of cancer. Chemico-Biological Interactions, 2015, 233, 122-138.	1.7	46
38	Green synthesis of silver nanoparticles using fresh water green alga Pithophora oedogonia (Mont.) Wittrock and evaluation of their antibacterial activity. Applied Nanoscience (Switzerland), 2015, 5, 703-709.	1.6	186
39	Elucidation of caveolin 1 both as a tumor suppressor and metastasis promoter in light of epigenetic modulators. Tumor Biology, 2014, 35, 12031-12047.	0.8	23
40	Expression profiling of DNA methylation-mediated epigenetic gene-silencing factors in breast cancer. Clinical Epigenetics, 2014, 6, 20.	1.8	47
41	Histone Deacetylases. Journal of Histochemistry and Cytochemistry, 2014, 62, 11-33.	1.3	126
42	Epigenetic choreography of stem cells: the DNA demethylation episode of development. Cellular and Molecular Life Sciences, 2014, 71, 1017-1032.	2.4	20
43	Chromatin dynamics: H3K4 methylation and H3 variant replacement during development and in cancer. Cellular and Molecular Life Sciences, 2014, 71, 3439-3463.	2.4	37
44	Autophagy. Advances in Cancer Research, 2013, 118, 61-95.	1.9	161
45	An insight into the various regulatory mechanisms modulating human DNA methyltransferase 1 stability and function. Epigenetics, 2012, 7, 994-1007.	1.3	89
46	Intricacies of hedgehog signaling pathways: A perspective in tumorigenesis. Experimental Cell Research, 2012, 318, 1959-1972.	1.2	36
47	Integrin-epigenetics: a system with imperative impact on cancer. Cancer and Metastasis Reviews, 2012, 31, 221-234.	2.7	31
48	Molecular marks for epigenetic identification of developmental and cancer stem cells. Clinical Epigenetics, 2011, 2, 27-53.	1.8	34
49	5-Aza-2â€²-deoxycytidine stress response and apoptosis in prostate cancer. Clinical Epigenetics, 2011, 2, 339-348.	1.8	22
50	Involvement of Lipid Rafts in Growth Factor Receptors-Mediated Signaling for Cancer Metastasis. Cancer Metastasis - Biology and Treatment, 2010, , 209-224.	0.1	0
51	Epigenetic DNA-(cytosine-5-carbon) modifications: 5-aza-2â€²-deoxycytidine and DNA-demethylation. Biochemistry (Moscow), 2009, 74, 613-619.	0.7	48
52	Demethylation of (Cytosine-5-C-methyl) DNA and regulation of transcription in the epigenetic pathways of cancer development. Cancer and Metastasis Reviews, 2008, 27, 315-334.	2.7	89
53	DNA methylationâ€mediated nucleosome dynamics and oncogenic Ras signaling. FEBS Journal, 2008, 275, 5217-5235.	2.2	38
54	Ras regulation of DNA-methylation and cancer. Experimental Cell Research, 2008, 314, 1193-1201.	1.2	70

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55	Dissecting lipid raft facilitated cell signaling pathways in cancer. Biochimica Et Biophysica Acta: Reviews on Cancer, 2008, 1785, 182-206.	3.3	192
56	Epigenetic DNA-methylation regulation of genes coding for lipid raft-associated components: a role for raft proteins in cell transformation and cancer progression (review). Oncology Reports, 2007, 17, 1279-90.	1.2	45
57	Methyl-CpGâ€“DNA binding proteins in human prostate cancer: expression of CXXC sequence containing MBD1 and repression of MBD2 and MeCP2. Biochemical and Biophysical Research Communications, 2003, 302, 759-766.	1.0	36
58	DNA methyltransferase and demethylase in human prostate cancer. Molecular Carcinogenesis, 2002, 33, 163-171.	1.3	187
59	Histone Deacetylase and DNA Methyltransferase in Human Prostate Cancer. Biochemical and Biophysical Research Communications, 2001, 287, 705-713.	1.0	151
60	State of aggregation of bilirubin in aqueous solution: principal component analysis approach. Journal of Photochemistry and Photobiology A: Chemistry, 1999, 122, 23-31.	2.0	13
61	Liposomes Containing Sphingomyelin and Cholesterol: Detergent Solubilisation and Infrared Spectroscopic Studies. Journal of Liposome Research, 1999, 9, 247-260.	1.5	59
62	Detergent solubilisation of phospholipid bilayers in the gel state: the role of polar and hydrophobic forces. Biochimica Et Biophysica Acta - Biomembranes, 1998, 1373, 112-118.	1.4	88
63	Dichroic Probe of the Equilibrium Constant of the Distribution of Bilirubin to Human and Bovine Serum Albumins. Journal of Macromolecular Science - Pure and Applied Chemistry, 1997, 34, 1569-1579.	1.2	2
64	Spectroscopic Probes of the Individual and Combined Effects of Triton X-100 and Chloroform on Serum Albumins and Serum-Albumin . Bilirubin Complexes. FEBS Journal, 1997, 246, 658-664.	0.2	19
65	Red edge excitation shift emission spectroscopic investigation of serum albumins and serum albumin-bilirubin complexes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 1997, 53, 1609-1614.	2.0	11
66	Protein kinase C dependent and independent activation of phospholipase A2under calcium ionophore (A23187) exposure in rabbit pulmonary arterial smooth muscle cells. FEBS Letters, 1991, 285, 104-107.	1.3	23
67	Epigenetic DNA-methylation regulation of genes coding for lipid raft-associated components: A role for raft proteins in cell transformation and cancer progression (Review). Oncology Reports, 0, , .	1.2	10