Ruby John Anto

List of Publications by Year
in descending order

52 papers	2,568 citations	236925 25 h-index	189892 50 g-index
56 all docs	56 docs citations	56 times ranked	3769 citing authors

#	Article	IF	Citations
1	Curcumin (diferuloylmethane) induces apoptosis through activation of caspase-8, BID cleavage and cytochrome c release: its suppression by ectopic expression of Bcl-2 and Bcl-xl. Carcinogenesis, 2002, 23, 143-150.	2.8	364
2	Anticancer and antioxidant activity of synthetic chalcones and related compounds. Cancer Letters, 1995, 97, 33-37.	7.2	270
3	Cigarette smoke condensate activates nuclear transcription factor-kappaB through phosphorylation and degradation of IkappaBalpha: correlation with induction of cyclooxygenase-2. Carcinogenesis, 2002, 23, 1511-1518.	2.8	245
4	Sensitization of Taxol-induced Apoptosis by Curcumin Involves Down-regulation of Nuclear Factor-ÎºB and the Serine/Threonine Kinase Akt and Is Independent of Tubulin Polymerization. Journal of Biological Chemistry, 2005, 280, 6301-6308.	3.4	203
5	Phytochemicals As Chemosensitizers: From Molecular Mechanism to Clinical Significance. Antioxidants and Redox Signaling, 2013, 18, 1307-1348.	5.4	115
6	Antimutagenic and anticarcinogenic activity of natural and synthetic curcuminoids. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1996, 370, 127-131.	1.2	113
7	[6]-Gingerol Induces Caspase-Dependent Apoptosis and Prevents PMA-Induced Proliferation in Colon Cancer Cells by Inhibiting MAPK/AP-1 Signaling. PLoS ONE, 2014, 9, e104401.	2.5	111
8	Purely aqueous PLGA nanoparticulate formulations of curcumin exhibit enhanced anticancer activity with dependence on the combination of the carrier. International Journal of Pharmaceutics, 2012, 425, 44-52.	5.2	103
9	Akt is upstream and MAPKs are downstream of NF-ÎºB in paclitaxel-induced survival signaling events, which are down-regulated by curcumin contributing to their synergism. International Journal of Biochemistry and Cell Biology, 2011, 43, 331-341.	2.8	79
10	Inhibition of NF-ÎºB Sensitizes A431 Cells to Epidermal Growth Factor-induced Apoptosis, whereas Its Activation by Ectopic Expression of RelA Confers Resistance. Journal of Biological Chemistry, 2003, 278, 25490-25498.	3.4	55
11	L-929 Cells Harboring Ectopically Expressed RelA Resist Curcumin-induced Apoptosis. Journal of Biological Chemistry, 2000, 275, 15601-15604.	3.4	54
12	Kaempferide, the most active among the four flavonoids isolated and characterized from Chromolaena odorata, induces apoptosis in cervical cancer cells while being pharmacologically safe. RSC Advances, 2015, 5, 100912-100922.	3.6	51
13	Nicotine-induced survival signaling in lung cancer cells is dependent on their p53 status while its down-regulation by curcumin is independent. Molecular Cancer, 2010, 9, 220.	19.2	47
14	Cross-linked acrylic hydrogel for the controlled delivery of hydrophobic drugs in cancer therapy. International Journal of Nanomedicine, 2012, 7, 4077.	6.7	45
15	Chitosan Encapsulation Enhances the Bioavailability and Tissue Retention of Curcumin and Improves its Efficacy in Preventing B[a]P-induced Lung Carcinogenesis. Cancer Prevention Research, 2019, 12, 225-236.	1.5	43
16	Folic acid conjugation improves the bioavailability and chemosensitizing efficacy of curcumin-encapsulated PLGA-PEG nanoparticles towards paclitaxel chemotherapy. Oncotarget, 2017, 8, 107374-107389.	1.8	42
17	Isolation and identification of antimicrobial secondary metabolites from Bacillus cereus associated with a rhabditid entomopathogenic nematode. Annals of Microbiology, 2014, 64, 209-218.	2.6	37
18	A novel protein fraction from Sesbania grandiflora shows potential anticancer and chemopreventive efficacy, in vitro and in vivo. Journal of Cellular and Molecular Medicine, 2010, 14, 636-646.	3.6	35

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19	ATF2 maintains a subset of neural progenitors through CBF1/Notch independent Hesâ€1 expression and synergistically activates the expression of Hesâ€1 in Notchâ€dependent neural progenitors. Journal of Neurochemistry, 2010, 113, 807-818.	3.9	35
20	Cancer Chemoprevention: A Strategic Approach Using Phytochemicals. Frontiers in Pharmacology, 2021, 12, 809308.	3.5	35
21	Tumor-Reducing and Antioxidant Activities of Sydnone-Substituted Chalcones.. Journal of Clinical Biochemistry and Nutrition, 1994, 17, 73-80.	1.4	32
22	Biocontrol of Aspergillus Species on Peanut Kernels by Antifungal Diketopiperazine Producing Bacillus cereus Associated with Entomopathogenic Nematode. PLoS ONE, 2014, 9, e106041.	2.5	31
23	Curcumin entrapped folic acid conjugated PLGAâ€“PEG nanoparticles exhibit enhanced anticancer activity by site specific delivery. RSC Advances, 2015, 5, 25518-25524.	3.6	31
24	Synthesis and preliminary evaluation of 2-substituted-1,3-benzoxazole and 3-[(3-substituted)propyl]-1,3-benzoxazol-2(3H)-one derivatives as potent anticancer agents. Medicinal Chemistry Research, 2011, 20, 576-586.	2.4	30
25	Evaluation of uttroside B, a saponin from Solanum nigrum Linn, as a promising chemotherapeutic agent against hepatocellular carcinoma. Scientific Reports, 2016, 6, 36318.	3.3	28
26	Kaempferol-Mediated Sensitization Enhances Chemotherapeutic Efficacy of Sorafenib Against Hepatocellular Carcinoma: An In Silico and In Vitro Approach. Advanced Pharmaceutical Bulletin, 2020, 10, 472-476.	1.4	24
27	Preâ€clinical evidences for the efficacy of tryptanthrin as a potent suppressor of skin cancer. Cell Proliferation, 2020, 53, e12710.	5.3	23
28	Heteronemin, a marine natural product, sensitizes acute myeloid leukemia cells towards cytarabine chemotherapy by regulating farnesylation of Ras. Oncotarget, 2018, 9, 18115-18127.	1.8	23
29	Differential Activation of Smads in HeLa and SiHa Cells That Differ in Their Response to Transforming Growth Factor-Î². Journal of Biological Chemistry, 2004, 279, 36287-36292.	3.4	22
30	Curcumin inhibits <scp>B</scp>[a]<scp>PDE</scp>â€induced procarcinogenic signals in lung cancer cells, and curbs <scp>B</scp>[a]<scp>P</scp>â€induced mutagenesis and lung carcinogenesis. BioFactors, 2015, 41, 431-442.	5.4	22
31	Synthesis of piperazinyl benzothiazole/benzoxazole derivatives coupled with 1,3,4-oxadiazole-2-thiol: novel hybrid heterocycles as anticancer agents. Medicinal Chemistry Research, 2013, 22, 4980-4991.	2.4	21
32	Quercetin and Tryptanthrin. The Enzymes, 2015, 37, 43-72.	1.7	19
33	Synthesis and preliminary evaluation activity studies of novel 4-(aryl/heteroaryl-2-ylmethyl)-6-phenyl-2-[3-(4-substituted-piperazine-1-yl)propyl]pyridazin-3(2H)-one derivatives as anticancer agents. Medicinal Chemistry Research, 2012, 21, 3161-3169.	2.4	18
34	DW-F5: A novel formulation against malignant melanoma from Wrightia tinctoria. Scientific Reports, 2015, 5, 11107.	3.3	18
35	Vibrational spectroscopic studies and ab initio calculations of phenyl phosphate disodium salt. Journal of Raman Spectroscopy, 2010, 41, 113-119.	2.5	17
36	The Periostin/Integrin-Î±v Axis Regulates the Size of Hematopoietic Stem Cell Pool in the Fetal Liver. Stem Cell Reports, 2020, 15, 340-357.	4.8	17

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37	The emerging role of selenium metabolic pathways in cancer: New therapeutic targets for cancer. Journal of Cellular Biochemistry, 2022, 123, 532-542.	2.6	17
38	Spectroscopic investigations and computational study of sulfur trioxideâ€“pyridine complex. Journal of Raman Spectroscopy, 2011, 42, 1812-1819.	2.5	13
39	Synthesis, thermal and antitumour studies of Th(IV) complexes with furan-2-aldehyde-N-phenyl thiosemicarbazone. Journal of the Serbian Chemical Society, 2010, 75, 749-761.	0.8	11
40	Cervical cancer: A comprehensive approach towards extermination. Annals of Medicine, 2016, 48, 149-161.	3.8	11
41	In silicoscreening for identification of fatty acid synthase inhibitors and evaluation of their antiproliferative activity using human cancer cell lines. Journal of Receptor and Signal Transduction Research, 2018, 38, 335-341.	2.5	10
42	Synthesis of Salicylic Acid-based 1,3,4-oxadiazole Derivatives Coupled with Chiral Oxazolidinones: Novel Hybrid Heterocycles as Antitumor Agents. Letters in Drug Design and Discovery, 2014, 11, 1133-1142.	0.7	9
43	Targeting Thymidylate Synthase Enhances the Chemosensitivity of Triple-Negative Breast Cancer Towards 5-FU-Based Combinatorial Therapy. Frontiers in Oncology, 2021, 11, 656804.	2.8	7
44	Pyridine derivatives as anticancer lead compounds with Fatty Acid Synthase as the target: An in silico â€guided in vitro study. Journal of Cellular Biochemistry, 2019, 120, 16643-16657.	2.6	5
45	In Vitro Evaluation of the Antioxidant, 3,5-Dihydroxy-4-ethyl-trans-stilbene (DETS) Isolated from Bacillus cereus as a Potent Candidate against Malignant Melanoma. Frontiers in Microbiology, 2016, 7, 452.	3.5	4
46	Augmented Efficacy of Uttroside B over Sorafenib in a Murine Model of Human Hepatocellular Carcinoma. Pharmaceuticals, 2022, 15, 636.	3.8	4
47	Significance of nutraceuticals in cancer therapy. , 2021, , 309-321.		3
48	Blockade of Uttroside B-Induced Autophagic Pro-Survival Signals Augments Its Chemotherapeutic Efficacy Against Hepatocellular Carcinoma. Frontiers in Oncology, 2022, 12, 812598.	2.8	3
49	Synthesis of Novel Benzamide- piperazine-sulfonamide Hybrids as Potential Anticancer Agents. Croatica Chemica Acta, 2019, 92, 393-402.	0.4	1
50	Antioxidant and cytotoxic effects of essential oil, water and ethanol extracts of major Indian spices. Indian Journal of Horticulture, 2016, 73, 229.	0.1	1
51	Virtual screening-based identification of novel fatty acid synthase inhibitor and evaluation of its antiproliferative activity in breast cancer cells. Journal of Molecular Graphics and Modelling, 2021, 105, 107903.	2.4	0
52	Sesbania: A Prospective Candidate to be Excavated for Anticancer Drugs. Natural Products Journal, 2015, 5, 273-287.	0.3	0