

# Ruby John Anto

## List of Publications by Year in descending order

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Version: 2024-02-01

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  | Blockade of Uttroside B-Induced Autophagic Pro-Survival Signals Augments Its Chemotherapeutic Efficacy Against Hepatocellular Carcinoma. <i>Frontiers in Oncology</i> , 2022, 12, 812598.  | 2.8 | 3         |
| 2  | The emerging role of selenium metabolic pathways in cancer: New therapeutic targets for cancer. <i>Journal of Cellular Biochemistry</i> , 2022, 123, 532-542.  | 2.6 | 17        |
| 3  | Augmented Efficacy of Uttroside B over Sorafenib in a Murine Model of Human Hepatocellular Carcinoma. <i>Pharmaceuticals</i> , 2022, 15, 636.  | 3.8 | 4         |
| 4  | Significance of nutraceuticals in cancer therapy. , 2021, , 309-321.   |     | 3         |
| 5  | Virtual screening-based identification of novel fatty acid synthase inhibitor and evaluation of its antiproliferative activity in breast cancer cells. <i>Journal of Molecular Graphics and Modelling</i> , 2021, 105, 107903.                     | 2.4 | 0         |
| 6  | Targeting Thymidylate Synthase Enhances the Chemosensitivity of Triple-Negative Breast Cancer Towards 5-FU-Based Combinatorial Therapy. <i>Frontiers in Oncology</i> , 2021, 11, 656804.   | 2.8 | 7         |
| 7  | Cancer Chemoprevention: A Strategic Approach Using Phytochemicals. <i>Frontiers in Pharmacology</i> , 2021, 12, 809308.  | 3.5 | 35        |
| 8  | Pre-clinical evidences for the efficacy of tryptanthrin as a potent suppressor of skin cancer. <i>Cell Proliferation</i> , 2020, 53, e12710.   | 5.3 | 23        |
| 9  | The Periostin/Integrin- $\alpha$ v Axis Regulates the Size of Hematopoietic Stem Cell Pool in the Fetal Liver. <i>Stem Cell Reports</i> , 2020, 15, 340-357.   | 4.8 | 17        |
| 10 | Kaempferol-Mediated Sensitization Enhances Chemotherapeutic Efficacy of Sorafenib Against Hepatocellular Carcinoma: An <i>In Silico</i> and <i>In Vitro</i> Approach. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 10, 472-476.                 | 1.4 | 24        |
| 11 | Pyridine derivatives as anticancer lead compounds with Fatty Acid Synthase as the target: An <i>in silico</i> guided <i>in vitro</i> study. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 16643-16657.                                      | 2.6 | 5         |
| 12 | Chitosan Encapsulation Enhances the Bioavailability and Tissue Retention of Curcumin and Improves its Efficacy in Preventing B[a]P-induced Lung Carcinogenesis. <i>Cancer Prevention Research</i> , 2019, 12, 225-236.                             | 1.5 | 43        |
| 13 | Synthesis of Novel Benzamide- piperazine-sulfonamide Hybrids as Potential Anticancer Agents. <i>Croatica Chemica Acta</i> , 2019, 92, 393-402.   | 0.4 | 1         |
| 14 | <i>In silico</i> screening for identification of fatty acid synthase inhibitors and evaluation of their antiproliferative activity using human cancer cell lines. <i>Journal of Receptor and Signal Transduction Research</i> , 2018, 38, 335-341. | 2.5 | 10        |
| 15 | Heteronemin, a marine natural product, sensitizes acute myeloid leukemia cells towards cytarabine chemotherapy by regulating farnesylation of Ras. <i>Oncotarget</i> , 2018, 9, 18115-18127.   | 1.8 | 23        |
| 16 | Folic acid conjugation improves the bioavailability and chemosensitizing efficacy of curcumin-encapsulated PLGA-PEG nanoparticles towards paclitaxel chemotherapy. <i>Oncotarget</i> , 2017, 8, 107374-107389.                                     | 1.8 | 42        |
| 17 | <i>In Vitro</i> Evaluation of the Antioxidant, 3,5-Dihydroxy-4-ethyl-trans-stilbene (DETS) Isolated from <i>Bacillus cereus</i> as a Potent Candidate against Malignant Melanoma. <i>Frontiers in Microbiology</i> , 2016, 7, 452.                 | 3.5 | 4         |
| 18 | Evaluation of uttroside B, a saponin from <i>Solanum nigrum</i> Linn, as a promising chemotherapeutic agent against hepatocellular carcinoma. <i>Scientific Reports</i> , 2016, 6, 36318.  | 3.3 | 28        |

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|----|--|-----|-----------|
| 19 | Cervical cancer: A comprehensive approach towards extermination. <i>Annals of Medicine</i> , 2016, 48, 149-161.  | 3.8 | 11        |
| 20 | Antioxidant and cytotoxic effects of essential oil, water and ethanol extracts of major Indian spices. <i>Indian Journal of Horticulture</i> , 2016, 73, 229.  | 0.1 | 1         |
| 21 | DW-F5: A novel formulation against malignant melanoma from <i>Wrightia tinctoria</i> . <i>Scientific Reports</i> , 2015, 5, 11107.   | 3.3 | 18        |
| 22 | Curcumin inhibits $\beta$ -[a]PDE-induced procarcinogenic signals in lung cancer cells, and curbs $\beta$ [a]P-induced mutagenesis and lung carcinogenesis. <i>BioFactors</i> , 2015, 41, 431-442.   | 5.4 | 22        |
| 23 | Curcumin entrapped folic acid conjugated PLGA-PEG nanoparticles exhibit enhanced anticancer activity by site specific delivery. <i>RSC Advances</i> , 2015, 5, 25518-25524.  | 3.6 | 31        |
| 24 | Quercetin and Tryptanthrin. <i>The Enzymes</i> , 2015, 37, 43-72.  | 1.7 | 19        |
| 25 | Kaempferide, the most active among the four flavonoids isolated and characterized from <i>Chromolaena odorata</i> , induces apoptosis in cervical cancer cells while being pharmacologically safe. <i>RSC Advances</i> , 2015, 5, 100912-100922.                     | 3.6 | 51        |
| 26 | Sesbania: A Prospective Candidate to be Excavated for Anticancer Drugs. <i>Natural Products Journal</i> , 2015, 5, 273-287.  | 0.3 | 0         |
| 27 | [6]-Gingerol Induces Caspase-Dependent Apoptosis and Prevents PMA-Induced Proliferation in Colon Cancer Cells by Inhibiting MAPK/AP-1 Signaling. <i>PLoS ONE</i> , 2014, 9, e104401.   | 2.5 | 111       |
| 28 | Biocontrol of <i>Aspergillus</i> Species on Peanut Kernels by Antifungal Diketopiperazine Producing <i>Bacillus cereus</i> Associated with Entomopathogenic Nematode. <i>PLoS ONE</i> , 2014, 9, e106041.  | 2.5 | 31        |
| 29 | Isolation and identification of antimicrobial secondary metabolites from <i>Bacillus cereus</i> associated with a rhabditid entomopathogenic nematode. <i>Annals of Microbiology</i> , 2014, 64, 209-218.  | 2.6 | 37        |
| 30 | Synthesis of Salicylic Acid-based 1,3,4-oxadiazole Derivatives Coupled with Chiral Oxazolidinones: Novel Hybrid Heterocycles as Antitumor Agents. <i>Letters in Drug Design and Discovery</i> , 2014, 11, 1133-1142.   | 0.7 | 9         |
| 31 | Phytochemicals As Chemosensitizers: From Molecular Mechanism to Clinical Significance. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 1307-1348.  | 5.4 | 115       |
| 32 | Synthesis of piperazinyl benzothiazole/benzoxazole derivatives coupled with 1,3,4-oxadiazole-2-thiol: novel hybrid heterocycles as anticancer agents. <i>Medicinal Chemistry Research</i> , 2013, 22, 4980-4991.   | 2.4 | 21        |
| 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. <i>Medicinal Chemistry Research</i> , 2012, 21, 3161-3169.   | 2.4 | 18        |
| 34 | Cross-linked acrylic hydrogel for the controlled delivery of hydrophobic drugs in cancer therapy. <i>International Journal of Nanomedicine</i> , 2012, 7, 4077.  | 6.7 | 45        |
| 35 | Purely aqueous PLGA nanoparticulate formulations of curcumin exhibit enhanced anticancer activity with dependence on the combination of the carrier. <i>International Journal of Pharmaceutics</i> , 2012, 425, 44-52.   | 5.2 | 103       |
| 36 | Akt is upstream and MAPKs are downstream of NF- $\kappa$ B in paclitaxel-induced survival signaling events, which are down-regulated by curcumin contributing to their synergism. <i>International Journal of Biochemistry and Cell Biology</i> , 2011, 43, 331-341. | 2.8 | 79        |

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|----|---|------|-----------|
| 37 | 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. <i>Medicinal Chemistry Research</i> , 2011, 20, 576-586.                          | 2.4  | 30        |
| 38 | Spectroscopic investigations and computational study of sulfur trioxideâ€“pyridine complex. <i>Journal of Raman Spectroscopy</i> , 2011, 42, 1812-1819.   | 2.5  | 13        |
| 39 | A novel protein fraction from <i>Sesbania grandiflora</i> shows potential anticancer and chemopreventive efficacy, <i>in vitro</i> and <i>in vivo</i> . <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 636-646.                          | 3.6  | 35        |
| 40 | Vibrational spectroscopic studies and <i>ab initio</i> calculations of phenyl phosphate disodium salt. <i>Journal of Raman Spectroscopy</i> , 2010, 41, 113-119.  | 2.5  | 17        |
| 41 | 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. <i>Journal of Neurochemistry</i> , 2010, 113, 807-818. | 3.9  | 35        |
| 42 | Synthesis, thermal and antitumour studies of Th(IV) complexes with furan-2-aldehyde-N-phenyl thiosemicarbazone. <i>Journal of the Serbian Chemical Society</i> , 2010, 75, 749-761.   | 0.8  | 11        |
| 43 | Nicotine-induced survival signaling in lung cancer cells is dependent on their p53 status while its down-regulation by curcumin is independent. <i>Molecular Cancer</i> , 2010, 9, 220.   | 19.2 | 47        |
| 44 | Sensitization of Taxol-induced Apoptosis by Curcumin Involves Down-regulation of Nuclear Factor-Î²B and the Serine/Threonine Kinase Akt and Is Independent of Tubulin Polymerization. <i>Journal of Biological Chemistry</i> , 2005, 280, 6301-6308.    | 3.4  | 203       |
| 45 | Differential Activation of Smads in HeLa and SiHa Cells That Differ in Their Response to Transforming Growth Factor-Î². <i>Journal of Biological Chemistry</i> , 2004, 279, 36287-36292.  | 3.4  | 22        |
| 46 | Inhibition of NF-Î²B Sensitizes A431 Cells to Epidermal Growth Factor-induced Apoptosis, whereas Its Activation by Ectopic Expression of RelA Confers Resistance. <i>Journal of Biological Chemistry</i> , 2003, 278, 25490-25498.                      | 3.4  | 55        |
| 47 | Cigarette smoke condensate activates nuclear transcription factor-kappaB through phosphorylation and degradation of I kappaBalpha: correlation with induction of cyclooxygenase-2. <i>Carcinogenesis</i> , 2002, 23, 1511-1518.                         | 2.8  | 245       |
| 48 | 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. <i>Carcinogenesis</i> , 2002, 23, 143-150.                            | 2.8  | 364       |
| 49 | L-929 Cells Harboring Ectopically Expressed RelA Resist Curcumin-induced Apoptosis. <i>Journal of Biological Chemistry</i> , 2000, 275, 15601-15604.  | 3.4  | 54        |
| 50 | Antimutagenic and anticarcinogenic activity of natural and synthetic curcuminoids. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1996, 370, 127-131.                              | 1.2  | 113       |
| 51 | Anticancer and antioxidant activity of synthetic chalcones and related compounds. <i>Cancer Letters</i> , 1995, 97, 33-37.  | 7.2  | 270       |
| 52 | Tumor-Reducing and Antioxidant Activities of Sydnone-Substituted Chalcones.. <i>Journal of Clinical Biochemistry and Nutrition</i> , 1994, 17, 73-80.   | 1.4  | 32        |