

Julien Verrax

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

3,857
citations

201385

27
h-index

329751

37
g-index

38
all docs

38
docs citations

38
times ranked

6495
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting lactate-fueled respiration selectively kills hypoxic tumor cells in mice. <i>Journal of Clinical Investigation</i> , 2008, 118, 3930-42.	3.9	1,225
2	Targeting the Lactate Transporter MCT1 in Endothelial Cells Inhibits Lactate-Induced HIF-1 Activation and Tumor Angiogenesis. <i>PLoS ONE</i> , 2012, 7, e33418.	1.1	412
3	Lactate Activates HIF-1 in Oxidative but Not in Warburg-Phenotype Human Tumor Cells. <i>PLoS ONE</i> , 2012, 7, e46571.	1.1	204
4	Pharmacologic concentrations of ascorbate are achieved by parenteral administration and exhibit antitumoral effects. <i>Free Radical Biology and Medicine</i> , 2009, 47, 32-40.	1.3	199
5	Regulation of catalase expression in healthy and cancerous cells. <i>Free Radical Biology and Medicine</i> , 2015, 87, 84-97.	1.3	190
6	Role of AMPK activation in oxidative cell damage: Implications for alcohol-induced liver disease. <i>Biochemical Pharmacology</i> , 2013, 86, 200-209.	2.0	121
7	Catalase overexpression in mammary cancer cells leads to a less aggressive phenotype and an altered response to chemotherapy. <i>Biochemical Pharmacology</i> , 2011, 82, 1384-1390.	2.0	119
8	Biological evaluation of donor-acceptor aminonaphthoquinones as antitumor agents. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 6052-6057.	2.6	101
9	Ascorbate potentiates the cytotoxicity of menadione leading to an oxidative stress that kills cancer cells by a non-apoptotic caspase-3 independent form of cell death. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2004, 9, 223-233.	2.2	86
10	Enhancement of quinone redox cycling by ascorbate induces a caspase-3 independent cell death in human leukaemia cells. An in vitro comparative study. <i>Free Radical Research</i> , 2005, 39, 649-657.	1.5	85
11	Oxidative stress by ascorbate/menadione association kills K562 human chronic myelogenous leukaemia cells and inhibits its tumour growth in nude mice. <i>Biochemical Pharmacology</i> , 2006, 72, 671-680.	2.0	84
12	Comparison of methods for measuring oxygen consumption in tumor cells in vitro. <i>Analytical Biochemistry</i> , 2010, 396, 250-256.	1.1	84
13	Overexpression of GRP94 in breast cancer cells resistant to oxidative stress promotes high levels of cancer cell proliferation and migration: Implications for tumor recurrence. <i>Free Radical Biology and Medicine</i> , 2012, 52, 993-1002.	1.3	78
14	The association of vitamins C and K3 kills cancer cells mainly by autophagy, a novel form of cell death. Basis for their potential use as adjuvants in anticancer therapy. <i>European Journal of Medicinal Chemistry</i> , 2003, 38, 451-457.	2.6	75
15	Hsp90 cleavage by an oxidative stress leads to its client proteins degradation and cancer cell death. <i>Biochemical Pharmacology</i> , 2009, 77, 375-383.	2.0	69
16	Endoplasmic reticulum calcium release potentiates the ER stress and cell death caused by an oxidative stress in MCF-7 cells. <i>Biochemical Pharmacology</i> , 2010, 79, 1221-1230.	2.0	68
17	Botulinum toxin potentiates cancer radiotherapy and chemotherapy. <i>Clinical Cancer Research</i> , 2006, 12, 1276-1283.	3.2	61
18	Redox-Active Quinones and Ascorbate: An Innovative Cancer Therapy That Exploits the Vulnerability of Cancer Cells to Oxidative Stress. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2011, 11, 213-221.	0.9	58

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19	p38MAPK-regulated induction of p62 and NBR1 after photodynamic therapy promotes autophagic clearance of ubiquitin aggregates and reduces reactive oxygen species levels by supporting Nrf2 antioxidant signaling. <i>Free Radical Biology and Medicine</i> , 2014, 67, 292-303.	1.3	55
20	Hsp90 Is Cleaved by Reactive Oxygen Species at a Highly Conserved N-Terminal Amino Acid Motif. <i>PLoS ONE</i> , 2012, 7, e40795.	1.1	54
21	Ascorbate/menadione-induced oxidative stress kills cancer cells that express normal or mutated forms of the oncogenic protein Bcr-Abl. An in vitro and in vivo mechanistic study. <i>Investigational New Drugs</i> , 2011, 29, 891-900.	1.2	50
22	Role of glycolysis inhibition and poly(ADP-ribose) polymerase activation in necrotic-like cell death caused by ascorbate/menadione-induced oxidative stress in K562 human chronic myelogenous leukemic cells. <i>International Journal of Cancer</i> , 2007, 120, 1192-1197.	2.3	47
23	Intracellular ATP levels determine cell death fate of cancer cells exposed to both standard and redox chemotherapeutic agents. <i>Biochemical Pharmacology</i> , 2011, 82, 1540-1548.	2.0	45
24	Chromatin remodeling regulates catalase expression during cancer cells adaptation to chronic oxidative stress. <i>Free Radical Biology and Medicine</i> , 2016, 99, 436-450.	1.3	40
25	AICAR induces Nrf2 activation by an AMPK-independent mechanism in hepatocarcinoma cells. <i>Biochemical Pharmacology</i> , 2014, 91, 168-180.	2.0	38
26	Catalase expression in MCF-7 breast cancer cells is mainly controlled by PI3K/Akt/mTor signaling pathway. <i>Biochemical Pharmacology</i> , 2014, 89, 217-223.	2.0	37
27	Overexpression of NAD(P)H:quinone oxidoreductase 1 (NQO1) and genomic gain of the NQO1 locus modulates breast cancer cell sensitivity to quinones. <i>Life Sciences</i> , 2016, 145, 57-65.	2.0	30
28	Menadione Reduction by Pharmacological Doses of Ascorbate Induces an Oxidative Stress That Kills Breast Cancer Cells. <i>International Journal of Toxicology</i> , 2009, 28, 33-42.	0.6	27
29	Delivery of Soluble VEGF Receptor 1 (sFlt1) by Gene Electrotransfer as a New Antiangiogenic Cancer Therapy. <i>Molecular Pharmaceutics</i> , 2011, 8, 701-708.	2.3	21
30	Use of a cocktail of spin traps for fingerprinting large range of free radicals in biological systems. <i>PLoS ONE</i> , 2017, 12, e0172998.	1.1	17
31	Synthesis and antitumor evaluation of 8-phenylaminopyrimido[4,5-c]isoquinolinequinones. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 5060-5062.	1.0	15
32	Biological Evaluation of 3-Acyl-2-Arylamino-1,4-Naphthoquinones as Inhibitors of Hsp90 Chaperoning Function. <i>Current Topics in Medicinal Chemistry</i> , 2012, 12, 2094-2102.	1.0	15
33	Aminopyrimidoisoquinolinequinone (APIQ) redox cycling is potentiated by ascorbate and induces oxidative stress leading to necrotic-like cancer cell death. <i>Investigational New Drugs</i> , 2012, 30, 1003-1011.	1.2	14
34	Binding of dihydroxynaphthyl aryl ketones to tubulin colchicine site inhibits microtubule assembly. <i>Biochemical and Biophysical Research Communications</i> , 2015, 466, 418-425.	1.0	13
35	Sodium orthovanadate associated with pharmacological doses of ascorbate causes an increased generation of ROS in tumor cells that inhibits proliferation and triggers apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 883-888.	1.0	11
36	A comparative study of tellurite toxicity in normal and cancer cells. <i>Molecular and Cellular Toxicology</i> , 2012, 8, 327-334.	0.8	8

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37	The Association of Vitamins C and K3 Kills Cancer Cells Mainly by Autoschizis, a Novel Form of Cell Death. Basis of Their Potential Use as Coadjuvants in Anticancer Therapy. ChemInform, 2003, 34, no.	0.1	1