

Julien Verrax

List of Publications by Year in descending order

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37
papers

3,857
citations

201385

27
h-index

329751

37
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38
all docs

38
docs citations

38
times ranked

6495
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of a cocktail of spin traps for fingerprinting large range of free radicals in biological systems. PLoS ONE, 2017, 12, e0172998.	1.1	17
2	Chromatin remodeling regulates catalase expression during cancer cells adaptation to chronic oxidative stress. Free Radical Biology and Medicine, 2016, 99, 436-450.	1.3	40
3	Overexpression of NAD(P)H:quinone oxidoreductase 1 (NQO1) and genomic gain of the NQO1 locus modulates breast cancer cell sensitivity to quinones. Life Sciences, 2016, 145, 57-65.	2.0	30
4	Regulation of catalase expression in healthy and cancerous cells. Free Radical Biology and Medicine, 2015, 87, 84-97.	1.3	190
5	Binding of dihydroxynaphthyl aryl ketones to tubulin colchicine site inhibits microtubule assembly. Biochemical and Biophysical Research Communications, 2015, 466, 418-425.	1.0	13
6	Catalase expression in MCF-7 breast cancer cells is mainly controlled by PI3K/Akt/mTor signaling pathway. Biochemical Pharmacology, 2014, 89, 217-223.	2.0	37
7	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. Free Radical Biology and Medicine, 2014, 67, 292-303.	1.3	55
8	AICAR induces Nrf2 activation by an AMPK-independent mechanism in hepatocarcinoma cells. Biochemical Pharmacology, 2014, 91, 168-180.	2.0	38
9	Role of AMPK activation in oxidative cell damage: Implications for alcohol-induced liver disease. Biochemical Pharmacology, 2013, 86, 200-209.	2.0	121
10	Sodium orthovanadate associated with pharmacological doses of ascorbate causes an increased generation of ROS in tumor cells that inhibits proliferation and triggers apoptosis. Biochemical and Biophysical Research Communications, 2013, 430, 883-888.	1.0	11
11	Biological Evaluation of 3-Acyl-2-Arylamino-1,4-Naphthoquinones as Inhibitors of Hsp90 Chaperoning Function. Current Topics in Medicinal Chemistry, 2012, 12, 2094-2102.	1.0	15
12	A comparative study of tellurite toxicity in normal and cancer cells. Molecular and Cellular Toxicology, 2012, 8, 327-334.	0.8	8
13	Lactate Activates HIF-1 in Oxidative but Not in Warburg-Phenotype Human Tumor Cells. PLoS ONE, 2012, 7, e46571.	1.1	204
14	Hsp90 Is Cleaved by Reactive Oxygen Species at a Highly Conserved N-Terminal Amino Acid Motif. PLoS ONE, 2012, 7, e40795.	1.1	54
15	Aminopyrimidoisoquinolinequinone (APIQ) redox cycling is potentiated by ascorbate and induces oxidative stress leading to necrotic-like cancer cell death. Investigational New Drugs, 2012, 30, 1003-1011.	1.2	14
16	Overexpression of GRP94 in breast cancer cells resistant to oxidative stress promotes high levels of cancer cell proliferation and migration: Implications for tumor recurrence. Free Radical Biology and Medicine, 2012, 52, 993-1002.	1.3	78
17	Targeting the Lactate Transporter MCT1 in Endothelial Cells Inhibits Lactate-Induced HIF-1 Activation and Tumor Angiogenesis. PLoS ONE, 2012, 7, e33418.	1.1	412
18	Delivery of Soluble VEGF Receptor 1 (sFlt1) by Gene Electrotransfer as a New Antiangiogenic Cancer Therapy. Molecular Pharmaceutics, 2011, 8, 701-708.	2.3	21

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19	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
20	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
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	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
23	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
24	Comparison of methods for measuring oxygen consumption in tumor cells in vitro. <i>Analytical Biochemistry</i> , 2010, 396, 250-256.	1.1	84
25	Biological evaluation of donor-acceptor aminonaphthoquinones as antitumor agents. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 6052-6057.	2.6	101
26	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
27	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
28	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
29	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
30	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
31	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
32	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
33	Botulinum toxin potentiates cancer radiotherapy and chemotherapy.. <i>Clinical Cancer Research</i> , 2006, 12, 1276-1283.	3.2	61
34	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
35	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
36	The Association of Vitamins C and K3 Kills Cancer Cells Mainly by Autophagy, a Novel Form of Cell Death. Basis of Their Potential Use as Coadjuvants in Anticancer Therapy. <i>ChemInform</i> , 2003, 34, no.	0.1	1

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37	The association of vitamins C and K3 kills cancer cells mainly by autschizis, a novel form of cell death. Basis for their potential use as coadjuvants in anticancer therapy. European Journal of Medicinal Chemistry, 2003, 38, 451-457.	2.6	75