

Eric Petitclerc

List of Publications by Year in descending order

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35
papers

2,122
citations

331670

21
h-index

361022

35
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36
all docs

36
docs citations

36
times ranked

2457
citing authors

#	ARTICLE	IF	CITATIONS
1	Proteolytic exposure of a cryptic site within collagen type IV is required for angiogenesis and tumor growth in vivo. <i>Journal of Cell Biology</i> , 2001, 154, 1069-1080.	5.2	445
2	New Functions for Non-collagenous Domains of Human Collagen Type IV. <i>Journal of Biological Chemistry</i> , 2000, 275, 8051-8061.	3.4	294
3	Plasminogen Activator Inhibitor-1 Regulates Tumor Growth and Angiogenesis. <i>Journal of Biological Chemistry</i> , 2001, 276, 33964-33968.	3.4	235
4	Plasminogen Activator Inhibitor-1 in Tumor Growth, Angiogenesis and Vascular Remodeling. <i>Current Pharmaceutical Design</i> , 2003, 9, 1545-1564.	1.9	155
5	Inhibition of Angiogenesis in Vivo by Plasminogen Activator Inhibitor-1. <i>Journal of Biological Chemistry</i> , 2001, 276, 8135-8141.	3.4	149
6	Ultra-small gadolinium oxide nanoparticles to image brain cancer cells <i>in vivo</i> with MRI. <i>Contrast Media and Molecular Imaging</i> , 2011, 6, 209-218.	0.8	84
7	Kinin receptors: functional aspects. <i>International Immunopharmacology</i> , 2002, 2, 1729-1739.	3.8	59
8	Quick and Simple Detection Technique to Assess the Binding of Antimicrotubule Agents to the Colchicine-Binding Site. <i>Biological Procedures Online</i> , 2010, 12, 113-117.	2.9	55
9	Design, Synthesis, Biological Evaluation, and Structure-Activity Relationships of Substituted Phenyl 4-(2-Oxoimidazolidin-1-yl)benzenesulfonates as New Tubulin Inhibitors Mimicking Combretastatin A-4. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 4559-4580.	6.4	55
10	Engineering Surfaces for Bioconjugation: Developing Strategies and Quantifying the Extent of the Reactions. <i>Bioconjugate Chemistry</i> , 2004, 15, 1146-1156.	3.6	51
11	Covalent Grafting of Fibronectin onto Plasma-Treated PTFE: Influence of the Conjugation Strategy on Fibronectin Biological Activity. <i>Macromolecular Bioscience</i> , 2007, 7, 738-745.	4.1	48
12	Antiangiogenic and Antitumoral Activity of Phenyl-3-(2-Chloroethyl)Ureas. <i>Cancer Research</i> , 2004, 64, 4654-4663.	0.9	47
13	Recombinant Human Hemoglobin Inhibits Both Constitutive and Cytokine-Induced Nitric Oxide-Mediated Relaxation of Rabbit Isolated Aortic Rings. <i>Journal of Cardiovascular Pharmacology</i> , 1994, 24, 229-237.	1.9	46
14	Synergism between the contractile effect of epidermal growth factor and that of des-Arg ⁹ -bradykinin or of \pm -thrombin in rabbit aortic rings. <i>British Journal of Pharmacology</i> , 1992, 105, 959-967.	5.4	40
15	Further analysis of the upregulation of bradykinin B1 receptors in isolated rabbit aorta by using metabolic inhibitors. <i>European Journal of Pharmacology</i> , 1994, 271, 551-555.	3.5	35
16	Optimized N-phenyl-N ² -(2-chloroethyl)ureas as potential antineoplastic agents: Synthesis and growth inhibition activity. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 6703-6712.	3.0	35
17	Human interleukin-1 induces a rapid relaxation of the rabbit isolated mesenteric artery. <i>British Journal of Pharmacology</i> , 1991, 103, 1367-1372.	5.4	34
18	Microtubule-Destabilizing Agents Induce Focal Adhesion Structure Disorganization and Anoikis in Cancer Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 320, 853-864.	2.5	33

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19	Alkylation potency and protein specificity of aromatic urea derivatives and bioisosteres as potential irreversible antagonists of the colchicine-binding site. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 4456-4469.	3.0	30
20	Substituted phenyl 4-(2-oxoimidazolidin-1-yl)benzenesulfonamides as antimitotics. Antiproliferative, antiangiogenic and antitumoral activity, and quantitative structure-activity relationships. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 5327-5342.	5.5	30
21	New Soft Alkylating Agents with Enhanced Cytotoxicity against Cancer Cells Resistant to Chemotherapeutics and Hypoxia. <i>Cancer Research</i> , 2007, 67, 2306-2316.	0.9	26
22	Vascular smooth muscle contractility assays for inflammatory and immunological mediators. <i>International Immunopharmacology</i> , 2010, 10, 1344-1353.	3.8	17
23	Cycloalkyl-substituted aryl chloroethylureas inhibiting cell cycle progression in G0/G1 phase and thioredoxin-1 nuclear translocation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 3526-3531.	2.2	13
24	Synthesis, antiproliferative activity evaluation and structure-activity relationships of novel aromatic urea and amide analogues of N-phenyl-N ² -(2-chloroethyl)ureas. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 2928-2937.	5.5	13
25	On the ability of imatinib mesylate to inhibit smooth muscle cell proliferation without delaying endothelialization: An in vitro study. <i>Vascular Pharmacology</i> , 2009, 51, 50-56.	2.1	12
26	Selective alkylation of β -tubulin and thioredoxin-1 by structurally related subsets of aryl chloroethylureas leading to either anti-microtubules or redox modulating agents. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 7277-7290.	3.0	11
27	ASK1-P38 Pathway is Important for Anoikis Induced by Microtubule-Targeting Aryl Chloroethylureas. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2010, 13, 175.	2.1	11
28	Loss of function of vascular smooth muscle cells by nitric oxide-dependent and -independent interactions with tumorigenic cells. <i>International Journal of Cancer</i> , 2004, 112, 830-839.	5.1	10
29	Mechanism of action of N-phenyl-N ² -(2-chloroethyl)ureas in the colchicine-binding site at the interface between β - and β -tubulin. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 3690-3697.	3.0	10
30	Aromatic 2-chloroethyl urea derivatives and bioisosteres. Part 2: Cytocidal activity and effects on the nuclear translocation of thioredoxin-1, and the cell cycle progression. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 7477-7488.	3.0	8
31	Tumor cells expressing tissue factor influence the migration of smooth muscle cells in a catalytic activity-dependent way. <i>Canadian Journal of Physiology and Pharmacology</i> , 2009, 87, 694-701.	1.4	8
32	Epidermal growth factor-induced rapid relaxation of the isolated rabbit mesenteric artery. <i>European Journal of Pharmacology</i> , 1994, 259, 91-94.	3.5	6
33	Role of the extracellular matrix proteins in the resistance of SP6.5 uveal melanoma cells toward cisplatin. <i>International Journal of Oncology</i> , 2005, 26, 405.	3.3	6
34	Chloroethyl urea derivatives block tumour growth and thioredoxin-1 nuclear translocation. <i>Canadian Journal of Physiology and Pharmacology</i> , 2010, 88, 1102-1114.	1.4	6
35	Receptor tyrosine kinases as mediators of injury-induced bradykinin B1 receptor expression in rabbit aortic smooth muscle. <i>European Journal of Pharmacology</i> , 2009, 606, 233-239.	3.5	5