

Jeremie Roux

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,535
citations

361045

20
h-index

414034

32
g-index

37
all docs

37
docs citations

37
times ranked

1962
citing authors

#	ARTICLE	IF	CITATIONS
1	TRAIL receptor-induced features of epithelial-to-mesenchymal transition increase tumour phenotypic heterogeneity: potential cell survival mechanisms. <i>British Journal of Cancer</i> , 2021, 124, 91-101.	2.9	16
2	Two-level modeling approach to identify the regulatory dynamics capturing drug response heterogeneity in single-cells. <i>Scientific Reports</i> , 2021, 11, 20809.	1.6	1
3	Profiling the Non-genetic Origins of Cancer Drug Resistance with a Single-Cell Functional Genomics Approach Using Predictive Cell Dynamics. <i>Cell Systems</i> , 2020, 11, 367-374.e5.	2.9	21
4	A model of apoptosis receptor reactions to study cell fate decision. , 2020, , .		1
5	Core Models of Receptor Reactions to Evaluate Basic Pathway Designs Enabling Heterogeneous Commitments to Apoptosis. <i>Lecture Notes in Computer Science</i> , 2020, , 298-320.	1.0	2
6	Bi-specific molecule against EGFR and death receptors simultaneously targets proliferation and death pathways in tumors. <i>Scientific Reports</i> , 2017, 7, 2602.	1.6	40
7	Synergistic Inhibition of β_2 -adrenergic Receptor-mediated Alveolar Epithelial Fluid Transport by Interleukin-8 and Transforming Growth Factor- β_2 . <i>Anesthesiology</i> , 2015, 122, 1084-1092.	1.3	19
8	Fractional killing arises from cell-to-cell variability in overcoming a caspase activity threshold. <i>Molecular Systems Biology</i> , 2015, 11, 803.	3.2	132
9	A novel caspase 8 selective small molecule potentiates TRAIL-induced cell death. <i>Scientific Reports</i> , 2015, 5, 9893.	1.6	20
10	Autophagy : Moving Benchside Promises to Patient Bedsides. <i>Current Cancer Drug Targets</i> , 2015, 15, 684-702.	0.8	14
11	Heat-shock Response Increases Lung Injury Caused by <i>Pseudomonas aeruginosa</i> via an Interleukin-10-dependent Mechanism in Mice. <i>Anesthesiology</i> , 2014, 120, 1450-1462.	1.3	13
12	IL-8 inhibits cAMP-stimulated alveolar epithelial fluid transport via a GRK2/PI3K-dependent mechanism. <i>FASEB Journal</i> , 2013, 27, 1095-1106.	0.2	37
13	Cells surviving fractional killing by TRAIL exhibit transient but sustainable resistance and inflammatory phenotypes. <i>Molecular Biology of the Cell</i> , 2013, 24, 2186-2200.	0.9	84
14	HMGB1 Accelerates Alveolar Epithelial Repair via an IL- β - and $\alpha_5\beta_1$ Integrin-dependent Activation of TGF- β_1 . <i>PLoS ONE</i> , 2013, 8, e63907.	1.1	43
15	Activation of the Heat Shock Response Attenuates the Interleukin β -Mediated Inhibition of the Amiloride-Sensitive Alveolar Epithelial Ion Transport. <i>Shock</i> , 2013, 39, 189-196.	1.0	7
16	Cytoprotective-Selective Activated Protein C Attenuates <i>Pseudomonas aeruginosa</i> -Induced Lung Injury in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 45, 632-641.	1.4	37
17	PAI-1 is an essential component of the pulmonary host response during <i>Pseudomonas aeruginosa</i> pneumonia in mice. <i>Thorax</i> , 2011, 66, 788-796.	2.7	28
18	The lectin-like domain of tumor necrosis factor improves lung function after rat lung transplantation-Potential role for a reduction in reactive oxygen species generation*. <i>Critical Care Medicine</i> , 2010, 38, 871-878.	0.4	64

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19	Activation of the stress protein response inhibits the STAT1 signalling pathway and iNOS function in alveolar macrophages: role of Hsp90 and Hsp70. <i>Thorax</i> , 2010, 65, 346-353.	2.7	22
20	Transforming Growth Factor β 1 Inhibits Cystic Fibrosis Transmembrane Conductance Regulator-dependent cAMP-stimulated Alveolar Epithelial Fluid Transport via a Phosphatidylinositol 3-Kinase-dependent Mechanism. <i>Journal of Biological Chemistry</i> , 2010, 285, 4278-4290.	1.6	33
21	Serotonin Decreases Alveolar Epithelial Fluid Transport via a Direct Inhibition of the Epithelial Sodium Channel. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2010, 43, 99-108.	1.4	16
22	Critical Role of the Small GTPase RhoA in the Development of Pulmonary Edema Induced by <i>Pseudomonas aeruginosa</i> in Mice. <i>Anesthesiology</i> , 2010, 113, 1134-1143.	1.3	18
23	Role of Small GTPases and β 5 Integrin in <i>Pseudomonas aeruginosa</i> -Induced Increase in Lung Endothelial Permeability. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2009, 40, 108-118.	1.4	33
24	Interleukin- β 1 Causes Acute Lung Injury via β 5 and β 6 Integrin-Dependent Mechanisms. <i>Circulation Research</i> , 2008, 102, 804-812.	2.0	201
25	Sevoflurane but not propofol increases interstitial glycolysis metabolites availability during tourniquet-induced ischaemia-reperfusion. <i>British Journal of Anaesthesia</i> , 2008, 100, 29-35.	1.5	25
26	Sensitization of Mesothelioma Cells to Tumor Necrosis Factor-Related Apoptosis-Inducing Ligand-Induced Apoptosis by Heat Stress via the Inhibition of the 3-Phosphoinositide-Dependent Kinase 1/Akt Pathway. <i>Cancer Research</i> , 2007, 67, 2865-2871.	0.4	22
27	The stress protein response transiently inhibits STAT1 signaling via inhibition of Hsp90 binding. <i>FASEB Journal</i> , 2007, 21, A252.	0.2	0
28	Extracellular heat shock protein 72 is a marker of the stress protein response in acute lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2006, 291, L354-L361.	1.3	64
29	Interleukin- β 2 Decreases Expression of the Epithelial Sodium Channel β -Subunit in Alveolar Epithelial Cells via a p38 MAPK-dependent Signaling Pathway*. <i>Journal of Biological Chemistry</i> , 2005, 280, 18579-18589.	1.6	158
30	HO-1 induction restores cAMP-dependent lung epithelial fluid transport following severe hemorrhage in rats. <i>FASEB Journal</i> , 2005, 19, 1-25.	0.2	9
31	Stress-Induced Inhibition of the NF- β Signaling Pathway Results from the Insolubilization of the β B Kinase Complex following Its Dissociation from Heat Shock Protein 90. <i>Journal of Immunology</i> , 2005, 174, 384-394.	0.4	71
32	Transforming Growth Factor- β 1 Decreases Expression of the Epithelial Sodium Channel β ENaC and Alveolar Epithelial Vectorial Sodium and Fluid Transport via an ERK1/2-dependent Mechanism. <i>Journal of Biological Chemistry</i> , 2003, 278, 43939-43950.	1.6	151
33	Mammalian Osmolytes and S-Nitrosoglutathione Promote β F508 Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) Protein Maturation and Function. <i>Journal of Biological Chemistry</i> , 2003, 278, 35159-35167.	1.6	62
34	Reactive Nitrogen Species Inhibit Alveolar Epithelial Fluid Transport After Hemorrhagic Shock in Rats. <i>Journal of Immunology</i> , 2001, 166, 6301-6310.	0.4	71