Sylvia Le Dévédec

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2689619/publications.pdf

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37 papers 1,535 citations

430754 18 h-index 345118 36 g-index

40 all docs

40 docs citations

40 times ranked

2897 citing authors

#	Article	IF	CITATIONS
1	High-content high-throughput imaging reveals distinct connections between mitochondrial morphology and functionality for OXPHOS complex I, III, and V inhibitors. Cell Biology and Toxicology, 2023, 39, 415-433.	2.4	8
2	Mapping the cellular response to electron transport chain inhibitors reveals selective signaling networks triggered by mitochondrial perturbation. Archives of Toxicology, 2022, 96, 259-285.	1.9	7
3	Spatial and Temporal Modulation of Cell Instructive Cues in a Filamentous Supramolecular Biomaterial. ACS Applied Materials & Interfaces, 2022, 14, 17042-17054.	4.0	11
4	Density-Dependent Migration Characteristics of Cancer Cells Driven by Pseudopod Interaction. Frontiers in Cell and Developmental Biology, 2022, 10, 854721.	1.8	6
5	Model-based translation of DNA damage signaling dynamics across cell types. PLoS Computational Biology, 2022, 18, e1010264.	1.5	3
6	Differential reprogramming of breast cancer subtypes in 3D cultures and implications for sensitivity to targeted therapy. Scientific Reports, 2021, 11, 7259.	1.6	20
7	Circumventing the Crabtree effect in cell culture: A systematic review. Mitochondrion, 2021, 59, 83-95.	1.6	12
8	Fluorescent tagging of endogenous Heme oxygenase-1 in human induced pluripotent stem cells for high content imaging of oxidative stress in various differentiated lineages. Archives of Toxicology, 2021, 95, 3285-3302.	1.9	13
9	Deubiquitinase Activity Profiling Identifies UCHL1 as a Candidate Oncoprotein That Promotes TGFÎ ² -Induced Breast Cancer Metastasis. Clinical Cancer Research, 2020, 26, 1460-1473.	3.2	92
10	Community standards for open cell migration data. GigaScience, 2020, 9, .	3.3	12
11	Uncovering the signaling landscape controlling breast cancer cell migration identifies novel metastasis driver genes. Nature Communications, 2019, 10, 2983.	5.8	58
12	Migration rather than proliferation transcriptomic signatures are strongly associated with breast cancer patient survival. Scientific Reports, 2019, 9, 10989.	1.6	28
13	Photo-Uncaging of a Microtubule-Targeted Rigidin Analogue in Hypoxic Cancer Cells and in a Xenograft Mouse Model. Journal of the American Chemical Society, 2019, 141, 18444-18454.	6.6	84
14	FRET biosensor-based kinase inhibitor screen for ERK and AKT activity reveals differential kinase dependencies for proliferation in TNBC cells. Biochemical Pharmacology, 2019, 169, 113640.	2.0	8
15	The direct oral anticoagulants rivaroxaban and dabigatran do not inhibit orthotopic growth and metastasis of human breast cancer in mice. Journal of Thrombosis and Haemostasis, 2019, 17, 951-963.	1.9	18
16	Co-regulated gene expression of splicing factors as drivers of cancer progression. Scientific Reports, 2019, 9, 5484.	1.6	22
17	Splicing regulatory factors in breast cancer hallmarks and disease progression. Oncotarget, 2019, 10, 6021-6037.	0.8	19
18	A Redâ€Lightâ€Activated Rutheniumâ€Caged NAMPT Inhibitor Remains Phototoxic in Hypoxic Cancer Cells. Angewandte Chemie, 2017, 129, 11707-11711.	1.6	41

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19	A Redâ€Lightâ€Activated Rutheniumâ€Caged NAMPT Inhibitor Remains Phototoxic in Hypoxic Cancer Cells. Angewandte Chemie - International Edition, 2017, 56, 11549-11553.	7.2	159
20	PhagoKinetic Track Assay: Imaging and Analysis of Single Cell Migration. Bio-protocol, 2016, 6, .	0.2	3
21	An open data ecosystem for cell migration research. Trends in Cell Biology, 2015, 25, 55-58.	3.6	26
22	Tumor cell migration screen identifies SRPK1 as breast cancer metastasis determinant. Journal of Clinical Investigation, 2015, 125, 1648-1664.	3.9	110
23	Ultra High Content Image Analysis and Phenotype Profiling of 3D Cultured Micro-Tissues. PLoS ONE, 2014, 9, e109688.	1.1	40
24	β ₁ Integrin Inhibition Elicits a Prometastatic Switch Through the TGFβ–miR-200–ZEB Network in E-Cadherin–Positive Triple-Negative Breast Cancer. Science Signaling, 2014, 7, ra15.	1.6	86
25	A computational study of the Warburg effect identifies metabolic targets inhibiting cancer migration. Molecular Systems Biology, 2014, 10, 744.	3.2	113
26	A computational study of the Warburg effect identifies metabolic targets inhibiting cancer migration. Molecular Systems Biology, 2014, 10 , .	3.2	63
27	Phenotype-based cell-specific metabolic modeling reveals metabolic liabilities of cancer. ELife, 2014, 3, .	2.8	116
28	The residence time of focal adhesion kinase (FAK) and paxillin at focal adhesions in renal epithelial cells is determined by adhesion size, strength and life cycle status Journal of Cell Science, 2012, 125, 4498-506.	1.2	28
29	Functional Screening with a Live Cell Imaging-Based Random Cell Migration Assay. Methods in Molecular Biology, 2011, 769, 435-448.	0.4	11
30	Two-Photon Intravital Multicolour Imaging to Study Metastatic Behaviour of Cancer Cells In Vivo. Methods in Molecular Biology, 2011, 769, 331-349.	0.4	9
31	Two-Photon Intravital Multicolor Imaging Combined with Inducible Gene Expression to Distinguish Metastatic Behavior of Breast Cancer Cells In Vivo. Molecular Imaging and Biology, 2011, 13, 67-77.	1.3	16
32	Systems microscopy approaches to understand cancer cell migration and metastasis. Cellular and Molecular Life Sciences, 2010, 67, 3219-3240.	2.4	31
33	Annexin A1 regulates TGF- \hat{l}^2 signaling and promotes metastasis formation of basal-like breast cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 6340-6345.	3.3	182
34	An improved model to study tumor cell autonomous metastasis programs using MTLn3 cells and the Rag2â^'/â^' γcâ^'/â^' mouse. Clinical and Experimental Metastasis, 2009, 26, 673-684.	1.7	25
35	Proteomic Analysis of Alternative Protein Tyrosine Phosphorylation in 1,2-Dichlorovinyl-Cysteine-Induced Cytotoxicity in Primary Cultured Rat Renal Proximal Tubular Cells. Journal of Pharmacology and Experimental Therapeutics, 2007, 322, 89-100.	1.3	11
36	Cellular stress responses and molecular mechanisms of nephrotoxicity. Toxicology Letters, 2006, 162, 83-93.	0.4	38

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#	Article	IF	CITATIONS
37	Paxillin serine 178 phosphorylation in control of cell migration and metastasis formation through regulation of EGFR expression in breast cancer. Journal of Cancer Metastasis and Treatment, 0, 2019, .	0.5	O