

# Stephane Rocchi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2846572/publications.pdf>

Version: 2024-02-01

64  
papers

7,210  
citations

126907

33  
h-index

118850

62  
g-index

67  
all docs

67  
docs citations

67  
times ranked

15935  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
2	SRC-1 and TIF2 Control Energy Balance between White and Brown Adipose Tissues. <i>Cell</i> , 2002, 111, 931-941.	28.9	401
3	A Unique PPAR $\delta$ Ligand with Potent Insulin-Sensitizing yet Weak Adipogenic Activity. <i>Molecular Cell</i> , 2001, 8, 737-747.	9.7	279
4	Melanocytes Sense Blue Light and Regulate Pigmentation through Opsin-3. <i>Journal of Investigative Dermatology</i> , 2018, 138, 171-178.	0.7	225
5	Senescent cells develop a PARP-1 and nuclear factor- $\kappa$ B-associated secretome (PNAS). <i>Genes and Development</i> , 2011, 25, 1245-1261.	5.9	223
6	Compounds Triggering ER Stress Exert Anti-Melanoma Effects and Overcome BRAF Inhibitor Resistance. <i>Cancer Cell</i> , 2016, 29, 805-819.	16.8	201
7	The Epithelial-Mesenchymal Transition (EMT) Regulatory Factor SLUG (SNAI2) Is a Downstream Target of SPARC and AKT in Promoting Melanoma Cell Invasion. <i>PLoS ONE</i> , 2012, 7, e40378.	2.5	176
8	Metformin Blocks Melanoma Invasion and Metastasis Development in AMPK/p53-Dependent Manner. <i>Molecular Cancer Therapeutics</i> , 2013, 12, 1605-1615.	4.1	176
9	Sustained recruitment of phospholipase C- $\delta$ 3 to Gab1 is required for HGF-induced branching tubulogenesis. <i>Oncogene</i> , 2000, 19, 1509-1518.	5.9	154
10	Tumour-derived SPARC drives vascular permeability and extravasation through endothelial VCAM1 signalling to promote metastasis. <i>Nature Communications</i> , 2015, 6, 6993.	12.8	151
11	Mitochondrial oxidative stress is the achille's heel of melanoma cells resistant to Braf-mutant inhibitor. <i>Oncotarget</i> , 2013, 4, 1986-1998.	1.8	145
12	Transcription Factors and Nuclear Receptors Interact with the SWI/SNF Complex through the BAF60c Subunit. <i>Journal of Biological Chemistry</i> , 2004, 279, 16677-16686.	3.4	117
13	Recurrent <i>BRAF</i> kinase fusions in melanocytic tumors offer an opportunity for targeted therapy. <i>Pigment Cell and Melanoma Research</i> , 2013, 26, 845-851.	3.3	114
14	Innate lymphocyte-induced CXCR3B-mediated melanocyte apoptosis is a potential initiator of T-cell autoreactivity in vitiligo. <i>Nature Communications</i> , 2019, 10, 2178.	12.8	94
15	FALDH Reverses the Deleterious Action of Oxidative Stress Induced by Lipid Peroxidation Product 4-Hydroxynonenal on Insulin Signaling in 3T3-L1 Adipocytes. <i>Diabetes</i> , 2008, 57, 1216-1226.	0.6	92
16	Metastatic Melanoma: Insights Into the Evolution of the Treatments and Future Challenges. <i>Medicinal Research Reviews</i> , 2017, 37, 98-148.	10.5	92
17	The PRKAA1/AMPK $\alpha$ 1 pathway triggers autophagy during CSF1-induced human monocyte differentiation and is a potential target in CMML. <i>Autophagy</i> , 2015, 11, 1114-1129.	9.1	86
18	Peroxisome proliferator-activated receptor- $\delta$ : a versatile metabolic regulator. <i>Annals of Medicine</i> , 1999, 31, 342-351.	3.8	82

#	ARTICLE	IF	CITATIONS
19	Focal Adhesion Kinase pp125FAK Interacts With the Large Conductance Calcium-Activated hSlo Potassium Channel in Human Osteoblasts: Potential Role in Mechanotransduction. <i>Journal of Bone and Mineral Research</i> , 2003, 18, 1863-1871.	2.8	75
20	Fatty Aldehyde Dehydrogenase. <i>Journal of Biological Chemistry</i> , 2004, 279, 6261-6270.	3.4	73
21	Aurora B Is Regulated by the Mitogen-activated Protein Kinase/Extracellular Signal-regulated Kinase (MAPK/ERK) Signaling Pathway and Is a Valuable Potential Target in Melanoma Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 29887-29898.	3.4	70
22	Spleen Tyrosine Kinase Functions as a Tumor Suppressor in Melanoma Cells by Inducing Senescence-like Growth Arrest. <i>Cancer Research</i> , 2009, 69, 2748-2756.	0.9	69
23	Pivotal role of NAMPT in the switch of melanoma cells toward an invasive and drug-resistant phenotype. <i>Genes and Development</i> , 2018, 32, 448-461.	5.9	69
24	Genetic Heterogeneity of BRAF Fusion Kinases in Melanoma Affects Drug Responses. <i>Cell Reports</i> , 2019, 29, 573-588.e7.	6.4	62
25	Cancer cell metabolic reprogramming: a keystone for the response to immunotherapy. <i>Cell Death and Disease</i> , 2020, 11, 964.	6.3	61
26	New anti-cancer molecules targeting HSPA5/BIP to induce endoplasmic reticulum stress, autophagy and apoptosis. <i>Autophagy</i> , 2017, 13, 216-217.	9.1	57
27	Increased CD271 expression by the NF- $\kappa$ B pathway promotes melanoma cell survival and drives acquired resistance to BRAF inhibitor vemurafenib. <i>Cell Discovery</i> , 2015, 1, 15030.	6.7	56
28	Inhibition of Melanogenesis by the Antidiabetic Metformin. <i>Journal of Investigative Dermatology</i> , 2014, 134, 2589-2597.	0.7	53
29	In Vitro and In Vivo Anti-Melanoma Effects of Ciglitazone. <i>Journal of Investigative Dermatology</i> , 2009, 129, 1208-1218.	0.7	51
30	The energy disruptor metformin targets mitochondrial integrity via modification of calcium flux in cancer cells. <i>Scientific Reports</i> , 2017, 7, 5040.	3.3	47
31	Metformin: Focus on Melanoma. <i>Frontiers in Endocrinology</i> , 2018, 9, 472.	3.5	40
32	The p53/p21 <sup>Cip1</sup> /Waf1 pathway mediates the effects of SPARC on melanoma cell cycle progression. <i>Pigment Cell and Melanoma Research</i> , 2011, 24, 219-232.	3.3	36
33	The GRP78/BiP inhibitor HA15 synergizes with mitotane action against adrenocortical carcinoma cells through convergent activation of ER stress pathways. <i>Molecular and Cellular Endocrinology</i> , 2018, 474, 57-64.	3.2	33
34	E2F1 inhibition mediates cell death of metastatic melanoma. <i>Cell Death and Disease</i> , 2018, 9, 527.	6.3	32
35	The PPAR $\alpha$ agonist FMOIC-leucine protects both mature and immature brain. <i>Biomedicine and Pharmacotherapy</i> , 2008, 62, 259-263.	5.6	27
36	Is it time to test biguanide metformin in the treatment of melanoma?. <i>Pigment Cell and Melanoma Research</i> , 2015, 28, 8-20.	3.3	27

#	ARTICLE	IF	CITATIONS
37	Deciphering the Role of Oncogenic MITF <sup>E318K</sup> in Senescence Delay and Melanoma Progression. <i>Journal of the National Cancer Institute</i> , 2017, 109, .	6.3	27
38	PGC1 $\alpha$ Inhibits Polyamine Synthesis to Suppress Prostate Cancer Aggressiveness. <i>Cancer Research</i> , 2019, 79, 3268-3280.	0.9	27
39	Analysis of Matched Skin and Gut Microbiome of Patients with Vitiligo Reveals Deep Skin Dysbiosis: Link with Mitochondrial and Immune Changes. <i>Journal of Investigative Dermatology</i> , 2021, 141, 2280-2290.	0.7	26
40	PPARs: Interference with Warburg <sup>TM</sup> Effect and Clinical Anticancer Trials. <i>PPAR Research</i> , 2012, 2012, 1-23.	2.4	23
41	Metformin monotherapy in melanoma: a pilot, open $\alpha$ label, prospective, and multicentric study indicates no benefit. <i>Pigment Cell and Melanoma Research</i> , 2017, 30, 378-380.	3.3	23
42	Regulation of NADPH-dependent Nitric Oxide and reactive oxygen species signalling in endothelial and melanoma cells by a photoactive NADPH analogue. <i>Oncotarget</i> , 2014, 5, 10650-10664.	1.8	22
43	Discovery and Optimization of <i>N</i> -(4-(3-Aminophenyl)thiazol-2-yl)acetamide as a Novel Scaffold Active against Sensitive and Resistant Cancer Cells. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 8276-8292.	6.4	20
44	Discovery of a new molecule inducing melanoma cell death: dual AMPK/MELK targeting for novel melanoma therapies. <i>Cell Death and Disease</i> , 2021, 12, 64.	6.3	16
45	Biguanides drugs: Past success stories and promising future for drug discovery. <i>European Journal of Medicinal Chemistry</i> , 2021, 224, 113726.	5.5	15
46	Mechanism of melanoma cells selective apoptosis induced by a photoactive NADPH analogue. <i>Oncotarget</i> , 2016, 7, 82804-82819.	1.8	14
47	Adrenocorticotrophic hormone stimulates phosphotyrosine phosphatase SHP2 in bovine adrenocortical cells: phosphorylation and activation by cAMP-dependent protein kinase. <i>Biochemical Journal</i> , 2000, 352, 483.	3.7	13
48	A short series of antidiabetic sulfonylureas exhibit multiple ligand PPAR $\beta$ -binding patterns. <i>Biomedicine and Pharmacotherapy</i> , 2009, 63, 56-62.	5.6	12
49	Structure activity relationship and optimization of <i>N</i> -(3-(2-aminothiazol-4-yl)aryl)benzenesulfonamides as anti-cancer compounds against sensitive and resistant cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 2192-2196.	2.2	11
50	Sulfonylguanidine Derivatives as Potential Antimelanoma Agents. <i>ChemMedChem</i> , 2020, 15, 1113-1117.	3.2	9
51	Dual Covalent Inhibition of PKM and IMPDH Targets Metabolism in Cutaneous Metastatic Melanoma. <i>Cancer Research</i> , 2021, 81, 3806-3821.	0.9	9
52	Targeting BIP to induce Endoplasmic Reticulum stress and cancer cell death. <i>Oncoscience</i> , 2016, 3, 306-307.	2.2	7
53	PGJ2 restores RA sensitivity in melanoma cells by decreasing PRAME and EZH2. <i>Journal of Dermatological Science</i> , 2014, 73, 258-261.	1.9	5
54	Increased Activation of Innate Immunity and Pro-Apoptotic CXCR3B in Normal-Appearing Skin on the Lesional Site of Patients with Segmental Vitiligo. <i>Journal of Investigative Dermatology</i> , 2022, 142, 480-483.e2.	0.7	4

#	ARTICLE	IF	CITATIONS
55	Expression level of GRP78/BiP as a predictor of favorable or unfavorable outcomes in cancer patients. <i>Mediastinum</i> , 2018, 2, 26-26.	1.1	3
56	Development and <i>in vivo</i> evaluation of fused benzazole analogs of anti-melanoma agent HA15. <i>Future Medicinal Chemistry</i> , 2021, 13, 1157-1173.	2.3	2
57	Arylbiamidines: synthesis and structural studies en route to anticancer applications. <i>New Journal of Chemistry</i> , 2021, 45, 11893-11897.	2.8	2
58	Potential Involvement of FRS2 in Insulin Signaling. <i>Endocrinology</i> , 2000, 141, 621-628.	2.8	2
59	CLEC12B Is a Melanocytic Gene Regulating the Color of the Skin. <i>Journal of Investigative Dermatology</i> , 2022, 142, 1858-1868.e8.	0.7	2
60	Distinction between 2 <sup>+</sup> - and 3 <sup>+</sup> -Phosphate Isomers of a Fluorescent NADPH Analogue Led to Strong Inhibition of Cancer Cells Migration. <i>Antioxidants</i> , 2021, 10, 723.	5.1	1
61	CLEC12B Decreases Melanoma Proliferation by Repressing Signal Transducer and Activator of Transcription 3. <i>Journal of Investigative Dermatology</i> , 2021, , .	0.7	1
62	Comment on "Testing for BRAF fusions in patients with advanced BRAF/NRAS/KIT wild-type melanomas permits to identify patients who could benefit of anti-MEK targeted therapy". <i>Journal of Clinical Pathology</i> , 2020, 73, 524-525.	2.0	0
63	The P2Y6-AMPK Pathway Triggers Autophagy during CSF-1-Induced Human Monocyte Differentiation and Is a Potential Target in CMML. <i>Blood</i> , 2014, 124, 4347-4347.	1.4	0
64	Meeting report of the 4th biennial Metabolism and Cancer symposium. <i>FEBS Journal</i> , 2021, , .	4.7	0