

# Stefano Ratti

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

1,225  
citations

331259

21  
h-index

414034

32  
g-index

59  
all docs

59  
docs citations

59  
times ranked

1567  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of resveratrol, curcumin, berberine and other nutraceuticals on aging, cancer development, cancer stem cells and microRNAs. <i>Aging</i> , 2017, 9, 1477-1536.	1.4	168
2	Targeting GSK3 and Associated Signaling Pathways Involved in Cancer. <i>Cells</i> , 2020, 9, 1110.	1.8	146
3	Nuclear Phosphatidylinositol Signaling: Focus on Phosphatidylinositol Phosphate Kinases and Phospholipases C. <i>Journal of Cellular Physiology</i> , 2016, 231, 1645-1655.	2.0	48
4	Phosphoinositide-Dependent Signaling in Cancer: A Focus on Phospholipase C Isozymes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2581.	1.8	47
5	Metformin influences drug sensitivity in pancreatic cancer cells. <i>Advances in Biological Regulation</i> , 2018, 68, 13-30.	1.4	45
6	Regulation of GSK-3 activity by curcumin, berberine and resveratrol: Potential effects on multiple diseases. <i>Advances in Biological Regulation</i> , 2017, 65, 77-88.	1.4	39
7	PLC- $\beta$ 1 and cell differentiation: An insight into myogenesis and osteogenesis. <i>Advances in Biological Regulation</i> , 2017, 63, 1-5.	1.4	34
8	Abilities of berberine and chemically modified berberines to inhibit proliferation of pancreatic cancer cells. <i>Advances in Biological Regulation</i> , 2019, 71, 172-182.	1.4	34
9	Nuclear inositide signaling and cell cycle. <i>Advances in Biological Regulation</i> , 2018, 67, 1-6.	1.4	30
10	Cancer therapy and treatments during COVID-19 era. <i>Advances in Biological Regulation</i> , 2020, 77, 100739.	1.4	30
11	The wide and growing range of lamin B-related diseases: from laminopathies to cancer. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 126.	2.4	29
12	Nuclear Inositide Signaling Via Phospholipase C. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 1969-1978.	1.2	28
13	Introduction of WT-TP53 into pancreatic cancer cells alters sensitivity to chemotherapeutic drugs, targeted therapeutics and nutraceuticals. <i>Advances in Biological Regulation</i> , 2018, 69, 16-34.	1.4	27
14	Nuclear Localization of Diacylglycerol Kinase Alpha in K562 Cells Is Involved in Cell Cycle Progression. <i>Journal of Cellular Physiology</i> , 2017, 232, 2550-2557.	2.0	26
15	Abilities of berberine and chemically modified berberines to interact with metformin and inhibit proliferation of pancreatic cancer cells. <i>Advances in Biological Regulation</i> , 2019, 73, 100633.	1.4	25
16	Response of high-risk MDS to azacitidine and lenalidomide is impacted by baseline and acquired mutations in a cluster of three inositide-specific genes. <i>Leukemia</i> , 2019, 33, 2276-2290.	3.3	25
17	Nuclear phospholipase C isoenzyme imbalance leads to pathologies in brain, hematologic, neuromuscular, and fertility disorders. <i>Journal of Lipid Research</i> , 2019, 60, 312-317.	2.0	25
18	Nuclear translocation of PKC $\delta$ is associated with cell cycle arrest and erythroid differentiation in myelodysplastic syndromes (MDSs). <i>FASEB Journal</i> , 2018, 32, 681-692.	0.2	24

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19	Phosphoinositide 3 Kinase Signaling in Human Stem Cells from Reprogramming to Differentiation: A Tale in Cytoplasmic and Nuclear Compartments. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2026.	1.8	24
20	Effects of berberine, curcumin, resveratrol alone and in combination with chemotherapeutic drugs and signal transduction inhibitors on cancer cells – Power of nutraceuticals. <i>Advances in Biological Regulation</i> , 2018, 67, 190-211.	1.4	23
21	Selective Activation of Nuclear PI-PLC $\beta$ 1 During Normal and Therapy-Related Differentiation. <i>Current Pharmaceutical Design</i> , 2016, 22, 2345-2348.	0.9	22
22	GSK-3 $\beta$ Can Regulate the Sensitivity of MIA-PaCa-2 Pancreatic and MCF-7 Breast Cancer Cells to Chemotherapeutic Drugs, Targeted Therapeutics and Nutraceuticals. <i>Cells</i> , 2021, 10, 816.	1.8	19
23	Phospholipase C- $\beta$ 1 interacts with cyclin E in adipose-derived stem cells osteogenic differentiation. <i>Advances in Biological Regulation</i> , 2019, 71, 1-9.	1.4	17
24	Targeting signaling and apoptotic pathways involved in chemotherapeutic drug-resistance of hematopoietic cells. <i>Oncotarget</i> , 2017, 8, 76525-76557.	0.8	17
25	AEducaAR, Anatomical Education in Augmented Reality: A Pilot Experience of an Innovative Educational Tool Combining AR Technology and 3D Printing. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1024.	1.2	17
26	Location-dependent role of phospholipase C signaling in the brain: Physiology and pathology. <i>Advances in Biological Regulation</i> , 2021, 79, 100771.	1.4	16
27	The whole body donation program at the university of Bologna: A report based on the experience of one of the oldest university in Western world. <i>Annals of Anatomy</i> , 2021, 234, 151660.	1.0	15
28	Influences of TP53 and the anti-aging DDR1 receptor in controlling Raf/MEK/ERK and PI3K/Akt expression and chemotherapeutic drug sensitivity in prostate cancer cell lines. <i>Aging</i> , 2020, 12, 10194-10210.	1.4	15
29	Endoscopic endonasal approach to primitive Meckel's cave tumors: a clinical series. <i>Acta Neurochirurgica</i> , 2018, 160, 2349-2361.	0.9	14
30	Augmented Reality-Assisted Periosteum Pedicled Flap Harvesting for Head and Neck Reconstruction: An Anatomical and Clinical Viability Study of a Galeo-Pericranial Flap. <i>Journal of Clinical Medicine</i> , 2020, 9, 2211.	1.0	14
31	Subcellular Localization Relevance and Cancer-Associated Mechanisms of Diacylglycerol Kinases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5297.	1.8	14
32	Effects of TP53 Mutations and miRs on Immune Responses in the Tumor Microenvironment Important in Pancreatic Cancer Progression. <i>Cells</i> , 2022, 11, 2155.	1.8	13
33	Clinical and Molecular Insights in Erythropoiesis Regulation of Signal Transduction Pathways in Myelodysplastic Syndromes and $\beta$ -Thalassemia. <i>International Journal of Molecular Sciences</i> , 2021, 22, 827.	1.8	12
34	Impact of phospholipase C $\beta$ 1 in glioblastoma: a study on the main mechanisms of tumor aggressiveness. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 195.	2.4	12
35	B-ALL Complexity: Is Targeted Therapy Still A Valuable Approach for Pediatric Patients?. <i>Cancers</i> , 2020, 12, 3498.	1.7	11
36	Nuclear Inositides and Inositide-Dependent Signaling Pathways in Myelodysplastic Syndromes. <i>Cells</i> , 2020, 9, 697.	1.8	11

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37	Effects of the MDM-2 inhibitor Nutlin-3a on PDAC cells containing and lacking WT-TP53 on sensitivity to chemotherapy, signal transduction inhibitors and nutraceuticals. <i>Advances in Biological Regulation</i> , 2019, 72, 22-40.	1.4	10
38	Near-Peer Teaching in Human Anatomy from a Tutorsâ€™ Perspective: An Eighteen-Year-Old Experience at the University of Bologna. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 398.	1.2	10
39	Abilities of 1 <sup>2</sup> -Estradiol to interact with chemotherapeutic drugs, signal transduction inhibitors and nutraceuticals and alter the proliferation of pancreatic cancer cells. <i>Advances in Biological Regulation</i> , 2020, 75, 100672.	1.4	9
40	Glycogen Synthase Kinase-3 and phospholipase C-beta signalling: Roles and possible interactions in myelodysplastic syndromes and acute myeloid leukemia. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2020, 1867, 118649.	1.9	8
41	Recent advances in MDS mutation landscape: Splicing and signalling. <i>Advances in Biological Regulation</i> , 2020, 75, 100673.	1.4	7
42	Cell signaling pathways in autosomal-dominant leukodystrophy (ADLD): the intriguing role of the astrocytes. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 2781-2795.	2.4	6
43	Sensitivity of pancreatic cancer cells to chemotherapeutic drugs, signal transduction inhibitors and nutraceuticals can be regulated by WT-TP53. <i>Advances in Biological Regulation</i> , 2021, 79, 100780.	1.4	6
44	Effects of the Mutant TP53 Reactivator APR-246 on Therapeutic Sensitivity of Pancreatic Cancer Cells in the Presence and Absence of WT-TP53. <i>Cells</i> , 2022, 11, 794.	1.8	6
45	Along-tract analysis of the arcuate fasciculus using the Laplacian operator to evaluate different tractography methods. <i>Magnetic Resonance Imaging</i> , 2018, 54, 183-193.	1.0	5
46	Inositide-Dependent Nuclear Signalling in Health and Disease. <i>Handbook of Experimental Pharmacology</i> , 2019, 259, 291-308.	0.9	5
47	Phospholipase C beta1 (PLCbeta1)/Cyclin D3/protein kinase C (PKC) alpha signaling modulation during iron-induced oxidative stress in myelodysplastic syndromes (MDS). <i>FASEB Journal</i> , 2020, 34, 15400-15416.	0.2	5
48	Modulating Phosphoinositide Profiles as a Roadmap for Treatment in Acute Myeloid Leukemia. <i>Frontiers in Oncology</i> , 2021, 11, 678824.	1.3	5
49	Role of PLC $\beta$ 1 in the modulation of cell migration and cell invasion in glioblastoma. <i>Advances in Biological Regulation</i> , 2022, 83, 100838.	1.4	5
50	Wild type and gain of function mutant TP53 can regulate the sensitivity of pancreatic cancer cells to chemotherapeutic drugs, EGFR/Ras/Raf/MEK, and PI3K/mTORC1/GSK-3 pathway inhibitors, nutraceuticals and alter metabolic properties. <i>Aging</i> , 2022, 14, 3365-3386.	1.4	5
51	Effects of the MDM2 inhibitor Nutlin-3a on sensitivity of pancreatic cancer cells to berberine and modified berberines in the presence and absence of WT-TP53. <i>Advances in Biological Regulation</i> , 2021, , 100840.	1.4	4
52	APR-246 "The Mutant TP53 Reactivator" Increases the Effectiveness of Berberine and Modified Berberines to Inhibit the Proliferation of Pancreatic Cancer Cells. <i>Biomolecules</i> , 2022, 12, 276.	1.8	4
53	Lamin B1 Accumulation's Effects on Autosomal Dominant Leukodystrophy (ADLD): Induction of Reactivity in the Astrocytes. <i>Cells</i> , 2021, 10, 2566.	1.8	3
54	Microbiota-Gut-Brain Axis in Neurological Disorders: From Leaky Barriers Microanatomical Changes to Biochemical Processes. <i>Mini-Reviews in Medicinal Chemistry</i> , 2022, 22, .	1.1	3

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55	Roles of PI3K/AKT/mTOR Axis in Arteriovenous Fistula. <i>Biomolecules</i> , 2022, 12, 350.	1.8	2
56	Current therapy and new drugs: a road to personalized treatment of myelodysplastic syndromes. <i>Expert Review of Precision Medicine and Drug Development</i> , 2018, 3, 23-31.	0.4	1
57	An early scientific report on acromegaly: solving an intriguing endocrinological (c)old case?. <i>Hormones</i> , 2020, 19, 611-618.	0.9	0
58	Role of Nuclear Inositide Signalling and microRNA Signature in Myelodysplastic Syndromes during Azacitidine and Lenalidomide Therapy. <i>Blood</i> , 2016, 128, 5091-5091.	0.6	0