

# Stefano Rufini

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,310  
citations

331670

21  
h-index

361022

35  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1603  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ejection of damaged mitochondria and their removal by macrophages ensure efficient thermogenesis in brown adipose tissue. <i>Cell Metabolism</i> , 2022, 34, 533-548.e12.	16.2	91
2	Ionizing Radiation-Induced Extracellular Vesicle Release Promotes AKT-Associated Survival Response in SH-SY5Y Neuroblastoma Cells. <i>Cells</i> , 2021, 10, 107.	4.1	12
3	Why Do the Cosmic Rays Induce Aging?. <i>Frontiers in Physiology</i> , 2020, 11, 955.	2.8	5
4	Frataxin deficiency induces lipid accumulation and affects thermogenesis in brown adipose tissue. <i>Cell Death and Disease</i> , 2020, 11, 51.	6.3	47
5	Adipocyte metabolism is improved by TNF receptor-targeting small RNAs identified from dried nuts. <i>Communications Biology</i> , 2019, 2, 317.	4.4	59
6	High-Density ZnO Nanowires as a Reversible Myogenic Differentiation Switch. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 14097-14107.	8.0	23
7	<i>Cratogeomys merriami</i> ssp. <i>pruniflorum</i> activates the TRAIL death receptor complex and inhibits topoisomerase I. <i>South African Journal of Botany</i> , 2018, 114, 150-162.	2.5	10
8	Effect of the irradiation on Neuroblastoma-derived microvesicles: A physical and biological investigation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 532, 195-202.	4.7	7
9	Miglustat Reverts the Impairment of Synaptic Plasticity in a Mouse Model of NPC Disease. <i>Neural Plasticity</i> , 2016, 2016, 1-9.	2.2	22
10	Role of human topoisomerase IB on ionizing radiation induced damage. <i>Biochemical and Biophysical Research Communications</i> , 2013, 432, 545-548.	2.1	2
11	Sticholysin II: A pore-forming toxin as a probe to recognize sphingomyelin in artificial and cellular membranes. <i>Toxicon</i> , 2012, 60, 724-733.	1.6	14
12	Redox-active tyrosine residue in the microcin J25 molecule. <i>Biochemical and Biophysical Research Communications</i> , 2011, 406, 366-370.	2.1	8
13	The sterile alpha-motif (SAM) domain of p63 binds in vitro monoasialoganglioside (GM1) micelles. <i>Biochemical Pharmacology</i> , 2011, 82, 1262-1268.	4.4	21
14	Glutamatergic neurotransmission in a mouse model of Niemann-Pick Type C Disease. <i>Brain Research</i> , 2011, 1396, 11-19.	2.2	26
15	Isolation and characterization of a myotoxin from the venom of <i>Macrovipera lebetina</i> transmediterranea. <i>Toxicon</i> , 2010, 56, 381-390.	1.6	15
16	Purification and characterization of a fibrinogenolytic and hemorrhagic metalloproteinase isolated from <i>Vipera lebetina</i> venom. <i>Biochimie</i> , 2010, 92, 797-805.	2.6	35
17	Cholesterol depletion inhibits electrophysiological changes induced by anoxia in CA1 region of rat hippocampal slices. <i>Brain Research</i> , 2009, 1298, 178-185.	2.2	12
18	Monoclonal antibody fragment from combinatorial phage display library neutralizes alpha-latrotoxin activity and abolishes black widow spider venom lethality, in mice. <i>Toxicon</i> , 2008, 51, 547-554.	1.6	21

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19	Cholesterol depletion inhibits synaptic transmission and synaptic plasticity in rat hippocampus. <i>Experimental Neurology</i> , 2008, 212, 407-414.	4.1	104
20	NMR Structure of the p63 SAM Domain and Dynamical Properties of G534V and T537P Pathological Mutants, Identified in the AEC Syndrome. <i>Cell Biochemistry and Biophysics</i> , 2006, 44, 475-489.	1.8	19
21	Cytotoxic necrotizing factor 1 hinders skeletal muscle differentiation in vitro by perturbing the activation/deactivation balance of Rho GTPases. <i>Cell Death and Differentiation</i> , 2005, 12, 78-86.	11.2	42
22	Evidence of Domain Formation in Cardiolipin~Glycerophospholipid Mixed Monolayers. A Thermodynamic and AFM Study. <i>Journal of Physical Chemistry B</i> , 2005, 109, 15950-15957.	2.6	58
23	Cholesterol perturbing agents inhibit NMDA-dependent calcium influx in rat hippocampal primary culture. <i>FEBS Letters</i> , 2004, 566, 25-29.	2.8	62
24	Cholesterol perturbing agents inhibit NMDA-dependent calcium influx in rat hippocampal primary culture. <i>FEBS Letters</i> , 2004, 566, 25-29.	2.8	1
25	Glutamate-induced calcium increase in myotubes depends on up-regulation of a sodium-dependent transporter. <i>FEBS Letters</i> , 2002, 527, 269-273.	2.8	2
26	Membrane-perturbing activity of Viperidae myotoxins: an electrostatic surface potential approach to a puzzling problem. , 2000, 13, 14-19.		23
27	N-acetylcysteine increases apoptosis induced by H <sub>2</sub> O <sub>2</sub> and mo-antiFas triggering in a 3DO hybridoma cell line. <i>Cell Biochemistry and Function</i> , 2000, 18, 201-208.	2.9	6
28	2-Chloro-adenosine Induces a Glutamate-Dependent Calcium Response in C2C12 Myotubes. <i>Biochemical and Biophysical Research Communications</i> , 2000, 277, 546-551.	2.1	3
29	Adenosine- and 2-chloro-adenosine-induced cytopathic effects on myoblastic cells and myotubes: involvement of different intracellular mechanisms. <i>Neuromuscular Disorders</i> , 2000, 10, 436-446.	0.6	20
30	Zn <sup>2+</sup> ions Selectively Induce Antimicrobial Salivary Peptide Histatin-5 To Fuse Negatively Charged Vesicles. Identification and Characterization of a Zinc-Binding Motif Present in the Functional Domain. <i>Biochemistry</i> , 1999, 38, 9626-9633.	2.5	75
31	Comparative study of the cytolytic activity of myotoxic phospholipases A <sub>2</sub> on mouse endothelial (tEnd) and skeletal muscle (C2C12) cells in vitro. <i>Toxicon</i> , 1999, 37, 145-158.	1.6	141
32	Actin Cytoskeleton as a Target for 2-Chloro Adenosine: Evidence for Induction of Apoptosis in C2C12 Myoblastic Cells. <i>Biochemical and Biophysical Research Communications</i> , 1997, 238, 361-366.	2.1	12
33	Effect of ammodytin L from the venom of <i>Vipera ammodytes</i> on <i>xenopus laevis</i> differentiated muscle fibres and regenerating limbs. <i>Toxicon</i> , 1996, 34, 81-90.	1.6	8
34	Proliferative effect of ammodytin L from the venom of <i>Vipera ammodytes</i> on 208F rat fibroblasts in culture. <i>Biochemical Journal</i> , 1996, 320, 467-472.	3.7	23
35	Autocatalytic Acylation of Phospholipase-like Myotoxins. <i>Biochemistry</i> , 1995, 34, 4670-4675.	2.5	30
36	Effect of ammodytin L from <i>Vipera ammodytes</i> on L-6 cells from rat skeletal muscle. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1995, 1268, 137-142.	4.1	23

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37	Phospholipase-like myotoxins induce rapid membrane leakage of non-hydrolyzable ether-lipid liposomes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1994, 1190, 177-180.	2.6	35
38	.beta.-Bungarotoxin-mediated liposome fusion: spectroscopic characterization by fluorescence and ESR. <i>Biochemistry</i> , 1990, 29, 9644-9651.	2.5	25
39	Lipid Composition and Temperature Adaptation of the Nervous System of the Leech <i>Hirudo medicinalis</i> L.. <i>Journal of Neurochemistry</i> , 1987, 49, 45-49.	3.9	18
40	Age-dependent changes of rat liver plasma membrane composition. <i>Experientia</i> , 1985, 41, 1141-1143.	1.2	10
41	Black widow spider toxin-induced calcium fluxes and transmitter release in a neurosecretory cell line. <i>Nature</i> , 1980, 283, 774-776.	27.8	114
42	Concanavalin a blocks black widow spider toxin stimulation of transmitter release from synaptosomes. <i>FEBS Letters</i> , 1978, 85, 241-244.	2.8	22