

Simona D'Aguanno

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,752
citations

257450

24
h-index

276875

41
g-index

45
all docs

45
docs citations

45
times ranked

3312
citing authors

#	ARTICLE	IF	CITATIONS
1	Breast cancer stem cells rely on fermentative glycolysis and are sensitive to 2-deoxyglucose treatment. <i>Cell Death and Disease</i> , 2014, 5, e1336-e1336.	6.3	219
2	NH2-truncated human tau induces deregulated mitophagy in neurons by aberrant recruitment of Parkin and UCHL-1: implications in Alzheimer's disease. <i>Human Molecular Genetics</i> , 2015, 24, 3058-3081.	2.9	103
3	A NH2 Tau Fragment Targets Neuronal Mitochondria at AD Synapses: Possible Implications for Neurodegeneration. <i>Journal of Alzheimer's Disease</i> , 2010, 21, 445-470.	2.6	92
4	l-Threonine aldolase, serine hydroxymethyltransferase and fungal alanine racemase. <i>FEBS Journal</i> , 2001, 268, 6508-6525.	0.2	85
5	Inhibition of Anti-Apoptotic Bcl-2 Proteins in Preclinical and Clinical Studies: Current Overview in Cancer. <i>Cells</i> , 2020, 9, 1287.	4.1	84
6	Activation of the Amyloidogenic Route by NGF Deprivation Induces Apoptotic Death in PC12 Cells. <i>Journal of Alzheimer's Disease</i> , 2008, 13, 81-96.	2.6	80
7	Shotgun proteomics reveals specific modulated protein patterns in tears of patients with primary open angle glaucoma naïve to therapy. <i>Molecular BioSystems</i> , 2013, 9, 1108.	2.9	79
8	BCL-XL overexpression promotes tumor progression-associated properties. <i>Cell Death and Disease</i> , 2017, 8, 3216.	6.3	76
9	Targeting GSTP1-1 induces JNK activation and leads to apoptosis in cisplatin-sensitive and -resistant human osteosarcoma cell lines. <i>Molecular BioSystems</i> , 2012, 8, 994-1006.	2.9	69
10	Differential protein expression in tears of patients with primary open angle and pseudoexfoliative glaucoma. <i>Molecular BioSystems</i> , 2012, 8, 1017-1028.	2.9	67
11	ProNGFNGF imbalance triggers learning and memory deficits, neurodegeneration and spontaneous epileptic-like discharges in transgenic mice. <i>Cell Death and Differentiation</i> , 2013, 20, 1017-1030.	11.2	62
12	On the catalytic mechanism and stereospecificity of <i>Escherichia coli</i> l-threonine aldolase. <i>FEBS Journal</i> , 2014, 281, 129-145.	4.7	57
13	New Insights into Neuroblastoma Cisplatin Resistance: A Comparative Proteomic and Meta-Mining Investigation. <i>Journal of Proteome Research</i> , 2011, 10, 416-428.	3.7	47
14	Hypoxia-dependent drivers of melanoma progression. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 159.	8.6	45
15	LMNA Knock-Down Affects Differentiation and Progression of Human Neuroblastoma Cells. <i>PLoS ONE</i> , 2012, 7, e45513.	2.5	40
16	Cleavage of cystatin C is not associated with multiple sclerosis. <i>Annals of Neurology</i> , 2007, 62, 201-204.	5.3	37
17	Alanine racemase from <i>Tolypocladium inflatum</i> : A key PLP-dependent enzyme in cyclosporin biosynthesis and a model of catalytic promiscuity. <i>Archives of Biochemistry and Biophysics</i> , 2013, 529, 55-65.	3.0	35
18	Shotgun proteomics and network analysis of neuroblastoma cell lines treated with curcumin. <i>Molecular BioSystems</i> , 2012, 8, 1068.	2.9	33

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19	Threonine aldolase and alanine racemase: novel examples of convergent evolution in the superfamily of vitamin B6-dependent enzymes. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2003, 1647, 214-219.	2.3	31
20	microRNA-378a-5p is a novel positive regulator of melanoma progression. <i>Oncogenesis</i> , 2020, 9, 22.	4.9	30
21	Melanoma-specific bcl-2 promotes a protumoral M2-like phenotype by tumor-associated macrophages. , 2020, 8, e000489.		30
22	Protein profiling of Guillain-Barré syndrome cerebrospinal fluid by two-dimensional electrophoresis and mass spectrometry. <i>Neuroscience Letters</i> , 2010, 485, 49-54.	2.1	28
23	Differential cerebro spinal fluid proteome investigation of Leber hereditary optic neuropathy (LHON) and multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2008, 193, 156-160.	2.3	26
24	eEF1A Phosphorylation in the Nucleus of Insulin-stimulated C2C12 Myoblasts. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 2719-2728.	3.8	26
25	p63 Isoforms Regulate Metabolism of Cancer Stem Cells. <i>Journal of Proteome Research</i> , 2014, 13, 2120-2136.	3.7	25
26	Antitumor effect of Melaleuca alternifolia essential oil and its main component terpinen-4-ol in combination with target therapy in melanoma models. <i>Cell Death Discovery</i> , 2021, 7, 127.	4.7	24
27	miR-211 and MITF modulation by Bcl-2 protein in melanoma cells. <i>Molecular Carcinogenesis</i> , 2016, 55, 2304-2312.	2.7	23
28	Novel IgE Recognized Components of Lolium perenne Pollen Extract: Comparative Proteomics Evaluation of Allergic Patients Sensitization Profiles. <i>Journal of Proteome Research</i> , 2009, 8, 4383-4391.	3.7	22
29	Oxidative modifications of cerebral transthyretin are associated with multiple sclerosis. <i>Proteomics</i> , 2013, 13, 1002-1009.	2.2	22
30	Semaphorin 5A drives melanoma progression: role of Bcl-2, miR-204 and c-Myb. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 278.	8.6	19
31	Electrophoretic separations of cerebrospinal fluid proteins in clinical investigations. <i>Clinical Chemistry and Laboratory Medicine</i> , 2007, 45, 437-49.	2.3	15
32	Lysine 238 Is an Essential Residue for β -Elimination Catalyzed by <i>Treponema denticola</i> Cystalytin. <i>Journal of Biological Chemistry</i> , 2003, 278, 37336-37343.	3.4	14
33	Proteasome Inhibitors Therapeutic Strategies for Cancer. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2009, 4, 73-82.	1.6	12
34	Targeting the anti-apoptotic Bcl-2 family proteins: machine learning virtual screening and biological evaluation of new small molecules. <i>Theranostics</i> , 2022, 12, 2427-2444.	10.0	12
35	Protein repertoire impact of Ubiquitin-Proteasome System impairment: Insight into the protective role of beta-estradiol. <i>Journal of Proteomics</i> , 2012, 75, 1440-1453.	2.4	11
36	Affinity purification-mass spectrometry analysis of bcl-2 interactome identified SLIRP as a novel interacting protein. <i>Cell Death and Disease</i> , 2016, 7, e2090-e2090.	6.3	11

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37	Site-directed Mutagenesis Provides Insight into Racemization and Transamination of Alanine Catalyzed by <i>Treponema denticola</i> Cystalysin. <i>Journal of Biological Chemistry</i> , 2004, 279, 36898-36905.	3.4	10
38	Proteomic Investigation in A549 Lung Cell Line Stably Infected by HPV16E6/E7 Oncogenes. <i>Respiration</i> , 2009, 77, 427-439.	2.6	10
39	Mass Spectrometry-Based Identification of Y745 of Vav1 as a Tyrosine Residue Crucial in Maturation of Acute Promyelocytic Leukemia-Derived Cells. <i>Journal of Proteome Research</i> , 2010, 9, 752-760.	3.7	10
40	Liver protein profiles in insulin receptor-knockout mice reveal novel molecules involved in the diabetes pathophysiology. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 308, E744-E755.	3.5	10
41	Stereochemistry of the Reactions of Glutamate-1-semialdehyde Aminomutase with 4,5-Diaminovalerate. <i>Journal of Biological Chemistry</i> , 2003, 278, 40521-40526.	3.4	6
42	SEMAPHORINS and their receptors: focus on the crosstalk between melanoma and hypoxia. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 131.	8.6	5
43	Bcl-2-like protein-10 increases aggressive features of melanoma cells. <i>Exploration of Targeted Anti-tumor Therapy</i> , 0, , 11-26.	0.8	5
44	Silencing of Ago-2 Interacting Protein SERBP1 Relieves KCC2 Repression by miR-92 in Neurons. <i>Cells</i> , 2022, 11, 1052.	4.1	5
45	Special Issue "Precision Oncology in Melanoma Progression": <i>International Journal of Molecular Sciences</i> , 2021, 22, 7723.	4.1	0