

Claudia Scotti

List of Publications by Year in descending order

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42
papers

804
citations

567144

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501076

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42
all docs

42
docs citations

42
times ranked

1302
citing authors

#	ARTICLE	IF	CITATIONS
1	Expanding Targets for a Metabolic Therapy of Cancer: L-Asparaginase. Recent Patents on Anti-Cancer Drug Discovery, 2012, 7, 4-13.	0.8	88
2	Glutaminase activity determines cytotoxicity of l-asparaginases on most leukemia cell lines. Leukemia Research, 2015, 39, 757-762.	0.4	81
3	Helicobacter pylori-asparaginase: A promising chemotherapeutic agent. Biochemical and Biophysical Research Communications, 2008, 377, 1222-1226.	1.0	80
4	Zidovudine-induced experimental myopathy: dual mechanism of mitochondrial damage. Journal of the Neurological Sciences, 1999, 166, 131-140.	0.3	57
5	Targeted Drug Delivery Using Immunoconjugates. Journal of Immunotherapy, 2011, 34, 611-628.	1.2	56
6	Cell-Cycle Inhibition by Helicobacter pylori L-Asparaginase. PLoS ONE, 2010, 5, e13892.	1.1	54
7	Genotype-phenotype correlation in Pompe disease, a step forward. Orphanet Journal of Rare Diseases, 2014, 9, 102.	1.2	54
8	A protease-resistant Escherichia coli asparaginase with outstanding stability and enhanced anti-leukaemic activity in vitro. Scientific Reports, 2017, 7, 14479.	1.6	42
9	The antiproliferative effect of β -carotene requires p21waf1/cip1 in normal human fibroblasts. FEBS Journal, 2000, 267, 2290-2296.	0.2	37
10	Helicobacter pylori Releases a Factor(s) Inhibiting Cell Cycle Progression of Human Gastric Cell Lines by Affecting Cyclin E/cdk2 Kinase Activity and Rb Protein Phosphorylation through Enhanced p27KIP1 Protein Expression. Experimental Cell Research, 2002, 281, 128-139.	1.2	28
11	Anti-Cancer Auto-Antibodies: Roles, Applications and Open Issues. Cancers, 2021, 13, 813.	1.7	27
12	Engineering of Helicobacter pylori L-Asparaginase: Characterization of Two Functionally Distinct Groups of Mutants. PLoS ONE, 2015, 10, e0117025.	1.1	25
13	HPV Infection Affects Human Sperm Functionality by Inhibition of Aquaporin-8. Cells, 2020, 9, 1241.	1.8	21
14	LANCL1 binds abscisic acid and stimulates glucose transport and mitochondrial respiration in muscle cells via the AMPK/PGC-1 α /Sirt1 pathway. Molecular Metabolism, 2021, 53, 101263.	3.0	21
15	Enzymes in Metabolic Anticancer Therapy. Advances in Experimental Medicine and Biology, 2019, 1148, 173-199.	0.8	19
16	Enhanced expression and purification of camelid single domain VHH antibodies from classical inclusion bodies. Protein Expression and Purification, 2017, 136, 39-44.	0.6	14
17	Bioinformatic Analysis of Pathogenic Missense Mutations of Activin Receptor Like Kinase 1 Ectodomain. PLoS ONE, 2011, 6, e26431.	1.1	14
18	Identification of a high affinity binding site for abscisic acid on human lanthionine synthetase component C-like protein 2. International Journal of Biochemistry and Cell Biology, 2018, 97, 52-61.	1.2	13

#	ARTICLE	IF	CITATIONS
19	Whole exome sequencing discloses heterozygous variants in the <i>DNAJC21</i> and <i>EFL1</i> genes but not in <i>SRP54</i> in 6 out of 16 patients with Shwachman-Diamond Syndrome carrying biallelic <i>SBDS</i> mutations. <i>British Journal of Haematology</i> , 2019, 185, 627-630.	1.2	12
20	Tackling Critical Catalytic Residues in <i>Helicobacter pylori</i> L-Asparaginase. <i>Biomolecules</i> , 2015, 5, 306-317.	1.8	8
21	Activin Receptor-Like Kinase 1: a Novel Anti-angiogenesis Target from TGF- β Family. <i>Mini-Reviews in Medicinal Chemistry</i> , 2013, 13, 1398-1406.	1.1	7
22	Structural Basis of Affinity Maturation of the TEPC15/45.1 Anti-2-phenyl-5-oxazolone Antibodies. <i>Journal of Molecular Biology</i> , 2006, 359, 1161-1169.	2.0	6
23	Antibody–drug conjugates: targeted weapons against cancer. <i>Antibody Technology Journal</i> , 0, , 1.	0.0	6
24	High resolution structure of human apolipoprotein (a) kringle IV type 2: beyond the lysine binding site. <i>Journal of Lipid Research</i> , 2020, 61, 1687-1696.	2.0	6
25	Side-by-Side Comparison of uPAR-Targeting Optical Imaging Antibodies and Antibody Fragments for Fluorescence-Guided Surgery of Solid Tumors. <i>Molecular Imaging and Biology</i> , 2021, , 1.	1.3	6
26	Molecular Alterations in Fibroblasts Exposed to <i>Helicobacter pylori</i> Broth Culture Filtrate: A Potential Trigger of Autoimmunity?. <i>Helicobacter</i> , 2010, 15, 76-77.	1.6	5
27	A Targeted Catalytic Nanobody (T-CAN) with Asparaginolytic Activity. <i>Cancers</i> , 2021, 13, 5637.	1.7	4
28	Revealing <i>Escherichia coli</i> type II l-asparaginase active site flexible loop in its open, ligand-free conformation. <i>Scientific Reports</i> , 2021, 11, 18885.	1.6	3
29	Hereditary hemorrhagic telangiectasia: First demonstration of a founder effect in Italy; the <i>ACVRL1</i> c.289_294del variant originated in the country of Bergamo 200 years ago. <i>Molecular Genetics & Genomic Medicine</i> , 0, , .	0.6	3
30	In Silico Identification of SOX1 Post-Translational Modifications Highlights a Shared Protein Motif. <i>Cells</i> , 2020, 9, 2471.	1.8	2
31	Lack of molecular relationships between lipid peroxidation and mitochondrial DNA single strand breaks in isolated rat hepatocytes and mitochondria. <i>Mitochondrion</i> , 2003, 2, 361-373.	1.6	1
32	Expression, purification and preliminary crystallographic studies on the catalytic region of the nonreceptor tyrosine kinase Fes. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2007, 63, 18-20.	0.7	1
33	<i>ACVRL1</i> (activin A receptor type II-like 1). <i>Atlas of Genetics and Cytogenetics in Oncology and Haematology</i> , 2014, , .	0.1	1
34	L-asparaginase: A Novel Bacterial Antigen that May Contribute to Infection Detection. <i>Annals of Clinical and Laboratory Science</i> , 2018, 48, 654-658.	0.2	1
35	Structural Aspects of <i>E. coli</i> Type II Asparaginase in Complex with Its Secondary Product L-Glutamate. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5942.	1.8	1
36	Letter to the Editor regarding Shibayama <i>et al</i> .: Biochemical and pathophysiological characterization of <i>Helicobacter pylori</i> asparaginase. <i>Microbiology and Immunology</i> , 2012, 56, 420-421.	0.7	0

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37	Data on enhanced expression and purification of camelid single domain antibodies from Escherichia coli classical inclusion bodies. Data in Brief, 2017, 12, 132-137.	0.5	0
38	HAP1 loss in l-asparaginase resistance. Blood, 2019, 133, 2116-2118.	0.6	0
39	Abstract 3378: Glutaminase activity determines cytotoxicity of L-asparaginases on leukemia cell lines. , 2014, , .		0
40	Topics in Anti-Cancer Research. , 2014, , .		0
41	Real Time Cell Analysis of Model Target Cell Lines Exposed to Purified Lipoprotein (a). British Journal of Medicine and Medical Research, 2016, 16, 1-12.	0.2	0
42	Interfacial Activity of Lipoprotein (a) Isoforms with a Variable Number of Kringle IV Type 2 Repeats: A New Indicator of Cardiovascular Risk?. Annals of Clinical and Laboratory Science, 2021, 51, 795-804.	0.2	0