

Massimiliano Gaetani

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,264
citations

430874

18
h-index

580821

25
g-index

32
all docs

32
docs citations

32
times ranked

1587
citing authors

#	ARTICLE	IF	CITATIONS
1	The autoimmune regulator PHD finger binds to non-methylated histone H3K4 to activate gene expression. EMBO Reports, 2008, 9, 370-376.	4.5	210
2	Proteome Integral Solubility Alteration: A High-Throughput Proteomics Assay for Target Deconvolution. Journal of Proteome Research, 2019, 18, 4027-4037.	3.7	148
3	The autoimmune regulator PHD finger binds to non-methylated histone H3K4 to activate gene expression. EMBO Reports, 2008, 9, 370-376.	4.5	131
4	Dematin and Adducin Provide a Novel Link between the Spectrin Cytoskeleton and Human Erythrocyte Membrane by Directly Interacting with Glucose Transporter-1. Journal of Biological Chemistry, 2008, 283, 14600-14609.	3.4	85
5	The role of bFGF on the ability of MSC to activate endogenous regenerative mechanisms in an ectopic bone formation model. Biomaterials, 2012, 33, 2086-2096.	11.4	80
6	The solution structure of the first PHD finger of autoimmune regulator in complex with non-modified histone H3 tail reveals the antagonistic role of H3R2 methylation. Nucleic Acids Research, 2009, 37, 2951-2961.	14.5	79
7	Optimization of carotenoid production by Rhodotorula graminis DBVPG 7021 as a function of trace element concentration by means of response surface analysis. Enzyme and Microbial Technology, 2005, 36, 687-692.	3.2	74
8	Structural and functional effects of hereditary hemolytic anemia-associated point mutations in the alpha spectrin tetramer site. Blood, 2008, 111, 5712-5720.	1.4	47
9	ProTargetMiner as a proteome signature library of anticancer molecules for functional discovery. Nature Communications, 2019, 10, 5715.	12.8	47
10	System-wide identification and prioritization of enzyme substrates by thermal analysis. Nature Communications, 2021, 12, 1296.	12.8	44
11	AIRE-PHD fingers are structural hubs to maintain the integrity of chromatin-associated interactome. Nucleic Acids Research, 2012, 40, 11756-11768.	14.5	37
12	Lysine-specific demethylase 1A restricts ex vivo propagation of human HSCs and is a target of UM171. Blood, 2020, 136, 2151-2161.	1.4	37
13	Anticancer Effect of Deuterium Depleted Water - Redox Disbalance Leads to Oxidative Stress. Molecular and Cellular Proteomics, 2019, 18, 2373-2387.	3.8	34
14	Pathogenic proline mutation in the linker between spectrin repeats: disease caused by spectrin unfolding. Blood, 2007, 109, 3538-3543.	1.4	32
15	The common hereditary elliptocytosis-associated β -spectrin L260P mutation perturbs erythrocyte membranes by stabilizing spectrin in the closed dimer conformation. Blood, 2013, 122, 3045-3053.	1.4	29
16	Capillary leakage provides nutrients and antioxidants for rapid pneumococcal proliferation in influenza-infected lower airways. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 31386-31397.	7.1	28
17	Nephrocystin-1 Forms a Complex with Polycystin-1 via a Polyproline Motif/SH3 Domain Interaction and Regulates the Apoptotic Response in Mammals. PLoS ONE, 2010, 5, e12719.	2.5	25
18	Unbiased and quantitative proteomics reveals highly increased angiogenesis induction by the secretome of mesenchymal stromal cells isolated from fetal rather than adult skin. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, e949-e961.	2.7	22

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19	Thermal Proteome Profiling Identifies Oxidative-Dependent Inhibition of the Transcription of Major Oncogenes as a New Therapeutic Mechanism for Select Anticancer Compounds. <i>Cancer Research</i> , 2020, 80, 1538-1550.	0.9	19
20	An integrative proteomics method identifies a regulator of translation during stem cell maintenance and differentiation. <i>Nature Communications</i> , 2021, 12, 6558.	12.8	16
21	The antimicrobial drug pyrimethamine inhibits STAT3 transcriptional activity by targeting the enzyme dihydrofolate reductase. <i>Journal of Biological Chemistry</i> , 2022, 298, 101531.	3.4	16
22	Galectin-9 and Interferon-Gamma Are Released by Natural Killer Cells upon Activation with Interferon-Alpha and Orchestrate the Suppression of Hepatitis C Virus Infection. <i>Viruses</i> , 2022, 14, 1538.	3.3	5
23	Down-regulation of 21A Alu RNA as a tool to boost proliferation maintaining the tissue regeneration potential of progenitor cells. <i>Cell Cycle</i> , 2016, 15, 2420-2430.	2.6	3
24	Ultrafast and selective labeling of endogenous proteins using affinity-based benzotriazole chemistry. <i>Chemical Science</i> , 2022, 13, 7240-7246.	7.4	2
25	Identification and Characterization of β -Spectrin Mutations Associated with Inherited Hemolytic Anemia.. <i>Blood</i> , 2007, 110, 1706-1706.	1.4	1
26	Dematin and Adducin Provide a Critical Link between the Spectrin Cytoskeleton and the Erythrocyte Membrane Via Glucose Transporter-1.. <i>Blood</i> , 2007, 110, 1719-1719.	1.4	0
27	Hepatocyte Thorns, A Novel Drug-Induced Stress Response in Human and Mouse Liver Spheroids. <i>Cells</i> , 2022, 11, 1597.	4.1	0