

Massimiliano Gaetani

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,264
citations

430843

18
h-index

580810

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. <i>EMBO Reports</i> , 2008, 9, 370-376.	4.5	210
2	Proteome Integral Solubility Alteration: A High-Throughput Proteomics Assay for Target Deconvolution. <i>Journal of Proteome Research</i> , 2019, 18, 4027-4037.	3.7	148
3	The autoimmune regulator PHD finger binds to non-methylated histone H3K4 to activate gene expression. <i>EMBO Reports</i> , 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. <i>Journal of Biological Chemistry</i> , 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. <i>Biomaterials</i> , 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. <i>Nucleic Acids Research</i> , 2009, 37, 2951-2961.	14.5	79
7	Optimization of carotenoid production by <i>Rhodotorula graminis</i> DBVPG 7021 as a function of trace element concentration by means of response surface analysis. <i>Enzyme and Microbial Technology</i> , 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. <i>Blood</i> , 2008, 111, 5712-5720.	1.4	47
9	ProTargetMiner as a proteome signature library of anticancer molecules for functional discovery. <i>Nature Communications</i> , 2019, 10, 5715.	12.8	47
10	System-wide identification and prioritization of enzyme substrates by thermal analysis. <i>Nature Communications</i> , 2021, 12, 1296.	12.8	44
11	AIRE-PHD fingers are structural hubs to maintain the integrity of chromatin-associated interactome. <i>Nucleic Acids Research</i> , 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. <i>Blood</i> , 2020, 136, 2151-2161.	1.4	37
13	Anticancer Effect of Deuterium Depleted Water - Redox Disbalance Leads to Oxidative Stress. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 2373-2387.	3.8	34
14	Pathogenic proline mutation in the linker between spectrin repeats: disease caused by spectrin unfolding. <i>Blood</i> , 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. <i>Blood</i> , 2013, 122, 3045-3053.	1.4	29
16	Capillary leakage provides nutrients and antioxidants for rapid pneumococcal proliferation in influenza-infected lower airways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 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. <i>PLoS ONE</i> , 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. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 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 $\hat{\pm}$ -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