

Matteo Ramazzotti

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

6,920
citations

236925

25
h-index

88630

70
g-index

78
all docs

78
docs citations

78
times ranked

12679
citing authors

#	ARTICLE	IF	CITATIONS
1	The protease inhibitor SerpinB3 as a critical modulator of the stem-like subset in human cholangiocarcinoma. <i>Liver International</i> , 2022, 42, 233-248.	3.9	15
2	Long-term effects of mineral precipitation on process performance, granules' morphology and microbial community in anammox granular sludge. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107002.	6.7	5
3	Effects of viremia and CD4 recovery on gut microbiome-immunity axis in treatment-naïve HIV-1-infected patients undergoing antiretroviral therapy. <i>World Journal of Gastroenterology</i> , 2022, 28, 635-652.	3.3	6
4	The Transthyretin/Oleuropein Aglycone Complex: A New Tool against TTR Amyloidosis. <i>Pharmaceuticals</i> , 2022, 15, 277.	3.8	3
5	Urinary Biomarkers as a Proxy for Congenital Central Hypoventilation Syndrome Patient Follow-Up. <i>Antioxidants</i> , 2022, 11, 929.	5.1	3
6	Effect of ancient Khorasan wheat on gut microbiota, inflammation, and short-chain fatty acid production in patients with fibromyalgia. <i>World Journal of Gastroenterology</i> , 2022, 28, 1965-1980.	3.3	9
7	Gut Microbiota and Associated Mucosal Immune Response in Eosinophilic Granulomatosis with Polyangiitis (EGPA). <i>Biomedicines</i> , 2022, 10, 1227.	3.2	4
8	Butyrate-Rich Diets Improve Redox Status and Fibrin Lysis in Behçet's Syndrome. <i>Circulation Research</i> , 2021, 128, 278-280.	4.5	31
9	Diving into Inflammation: A Pilot Study Exploring the Dynamics of the Immune-Microbiota Axis in Ileal Tissue Layers of Patients with Crohn's Disease. <i>Journal of Crohn's and Colitis</i> , 2021, 15, 1500-1516.	1.3	19
10	Urea titration of a lipase from <i>Pseudomonas</i> sp. reveals four different conformational states, with a stable partially folded state explaining its high aggregation propensity. <i>International Journal of Biological Macromolecules</i> , 2021, 174, 32-41.	7.5	5
11	IL411 Is Expressed by Head-Neck Cancer-Derived Mesenchymal Stromal Cells and Contributes to Suppress T Cell Proliferation. <i>Journal of Clinical Medicine</i> , 2021, 10, 2111.	2.4	16
12	Mitochondrial oxidative metabolism contributes to a cancer stem cell phenotype in cholangiocarcinoma. <i>Journal of Hepatology</i> , 2021, 74, 1373-1385.	3.7	60
13	Anti-inflammatory properties of the marine plant <i>Posidonia oceanica</i> (L.) Delile. <i>Journal of Ethnopharmacology</i> , 2020, 247, 112252.	4.1	32
14	<i>Annona cherimola</i> Miller Fruit as a Promising Candidate against Diabetic Complications: An In Vitro Study and Preliminary Clinical Results. <i>Foods</i> , 2020, 9, 1350.	4.3	16
15	A novel universal primer pair for prokaryotes with improved performances for anammox containing communities. <i>Scientific Reports</i> , 2020, 10, 15648.	3.3	9
16	The In Vitro Anti-amyloidogenic Activity of the Mediterranean Red Seaweed <i>Halopithys incurva</i> . <i>Pharmaceuticals</i> , 2020, 13, 185.	3.8	2
17	Efficient carbon, nitrogen and phosphorus removal from low C/N real domestic wastewater with aerobic granular sludge. <i>Bioresource Technology</i> , 2020, 305, 122961.	9.6	66
18	Comparative immunophenotyping of <i>Saccharomyces cerevisiae</i> and <i>Candida</i> spp. strains from Crohn's disease patients and their interactions with the gut microbiome. <i>Journal of Translational Autoimmunity</i> , 2020, 3, 100036.	4.0	24

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19	Antioxidant and anti-inflammatory properties of sourdoughs containing selected Lactobacilli strains are retained in breads. <i>Food Chemistry</i> , 2020, 322, 126710.	8.2	27
20	Significant and Conflicting Correlation of IL-9 With <i>Prevotella</i> and <i>Bacteroides</i> in Human Colorectal Cancer. <i>Frontiers in Immunology</i> , 2020, 11, 573158.	4.8	37
21	Human T cells interacting with HNSCC-derived mesenchymal stromal cells acquire tissue-resident memory like properties. <i>European Journal of Immunology</i> , 2020, 50, 1571-1579.	2.9	8
22	Metabolic cell communication within tumour microenvironment: models, methods and perspectives. <i>Current Opinion in Biotechnology</i> , 2020, 63, 210-219.	6.6	7
23	In vitro anti-glycation activity of the marine plant <i>Posidonia oceanica</i> (L.) Delile. <i>Journal of Ethnopharmacology</i> , 2020, 259, 112960.	4.1	16
24	<i>Eomes</i> controls the development of Th17-derived (non-classic) Th1 cells during chronic inflammation. <i>European Journal of Immunology</i> , 2019, 49, 79-95.	2.9	64
25	Reprogramming of Amino Acid Transporters to Support Aspartate and Glutamate Dependency Sustains Endocrine Resistance in Breast Cancer. <i>Cell Reports</i> , 2019, 28, 104-118.e8.	6.4	67
26	miR-210-3p mediates metabolic adaptation and sustains DNA damage repair of resistant colon cancer cells to treatment with 5-fluorouracil. <i>Molecular Carcinogenesis</i> , 2019, 58, 2181-2192.	2.7	11
27	Oxadiazon affects the expression and activity of aldehyde dehydrogenase and acylphosphatase in human striatal precursor cells: A possible role in neurotoxicity. <i>Toxicology</i> , 2019, 411, 110-121.	4.2	23
28	Stromal-induced downregulation of miR-1247 promotes prostate cancer malignancy. <i>Journal of Cellular Physiology</i> , 2019, 234, 8274-8285.	4.1	21
29	Population genomics reveals evolution and variation of <i>Saccharomyces cerevisiae</i> in the human and insects gut. <i>Environmental Microbiology</i> , 2019, 21, 50-71.	3.8	30
30	Systemic oxidative stress in congenital central hypoventilation syndrome. <i>European Respiratory Journal</i> , 2018, 52, 1801497.	6.7	6
31	Bioactive Compounds from <i>Posidonia oceanica</i> (L.) Delile Impair Malignant Cell Migration through Autophagy Modulation. <i>Marine Drugs</i> , 2018, 16, 137.	4.6	27
32	16S rRNA-Based Taxonomy Profiling in the Metagenomics Era. , 2018, , 103-119.		12
33	Musculin inhibits human T-helper 17 cell response to interleukin 2 by controlling STAT5B activity. <i>European Journal of Immunology</i> , 2017, 47, 1427-1442.	2.9	18
34	From the Evolution of Protein Sequences Able to Resist Self-Assembly to the Prediction of Aggregation Propensity. <i>International Review of Cell and Molecular Biology</i> , 2017, 329, 1-47.	3.2	13
35	Catechol-Containing Hydroxylated Biomimetic 4-Thiaflavanes as Inhibitors of Amyloid Aggregation. <i>Biomimetics</i> , 2017, 2, 6.	3.3	2
36	Diet, Environments, and Gut Microbiota. A Preliminary Investigation in Children Living in Rural and Urban Burkina Faso and Italy. <i>Frontiers in Microbiology</i> , 2017, 8, 1979.	3.5	222

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37	Survival of metastatic melanoma patients after dendritic cell vaccination correlates with expression of leukocyte phosphatidylethanolamine-binding protein 1/Raf kinase inhibitory protein. <i>Oncotarget</i> , 2017, 8, 67439-67456.	1.8	15
38	Chitinase 3-like-1 is produced by human Th17 cells and correlates with the level of inflammation in juvenile idiopathic arthritis patients. <i>Clinical and Molecular Allergy</i> , 2016, 14, 16.	1.8	10
39	Mechanisms for the inhibition of amyloid aggregation by small ligands. <i>Bioscience Reports</i> , 2016, 36, .	2.4	26
40	Molecular insights into cell toxicity of a novel familial amyloidogenic variant of Î²2â€microglobulin. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 1443-1456.	3.6	23
41	The polyphenol Oleuropein aglycone hinders the growth of toxic transthyretin amyloid assemblies. <i>Journal of Nutritional Biochemistry</i> , 2016, 30, 153-166.	4.2	39
42	riboFrame: An Improved Method for Microbial Taxonomy Profiling from Non-Targeted Metagenomics. <i>Frontiers in Genetics</i> , 2015, 6, 329.	2.3	15
43	Hydrophilic extract from <i>Posidonia oceanica</i> inhibits activity and expression of gelatinases and prevents HT1080 human fibrosarcoma cell line invasion. <i>Cell Adhesion and Migration</i> , 2015, 9, 422-431.	2.7	23
44	Human recombinant domain antibodies against multiple sclerosis antigenic peptide CSF114(Glc). <i>Journal of Molecular Recognition</i> , 2014, 27, 618-626.	2.1	4
45	Toxicity of Protein Oligomers Is Rationalized by a Function Combining Size and Surface Hydrophobicity. <i>ACS Chemical Biology</i> , 2014, 9, 2309-2317.	3.4	166
46	Mesenchymal to amoeboid transition is associated with stem-like features of melanoma cells. <i>Cell Communication and Signaling</i> , 2014, 12, 24.	6.5	77
47	recluster: an unbiased clustering procedure for beta-diversity turnover. <i>Ecography</i> , 2013, 36, 1070-1075.	4.5	71
48	Insight into Molecular and Functional Properties of NMNAT3 Reveals New Hints of NAD Homeostasis within Human Mitochondria. <i>PLoS ONE</i> , 2013, 8, e76938.	2.5	50
49	Bioinformatic approaches for functional annotation and pathway inference in metagenomics data. <i>Briefings in Bioinformatics</i> , 2012, 13, 696-710.	6.5	70
50	A computational pipeline to discover highly phylogenetically informative genes in sequenced genomes: application to <i>Saccharomyces cerevisiae</i> natural strains. <i>Nucleic Acids Research</i> , 2012, 40, 3834-3848.	14.5	20
51	Polyglutamine Repeats Are Associated to Specific Sequence Biases That Are Conserved among Eukaryotes. <i>PLoS ONE</i> , 2012, 7, e30824.	2.5	32
52	Prediction of amyloid aggregation <i>in vivo</i> . <i>EMBO Reports</i> , 2011, 12, 657-663.	4.5	107
53	Impact of diet in shaping gut microbiota revealed by a comparative study in children from Europe and rural Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 14691-14696.	7.1	4,561
54	A Computational Approach for Identifying the Chemical Factors Involved in the Glycosaminoglycans-Mediated Acceleration of Amyloid Fibril Formation. <i>PLoS ONE</i> , 2010, 5, e11363.	2.5	9

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55	Intravitreal Infliximab Clearance in a Rabbit Model: Different Sampling Methods and Assay Techniques. , 2009, 50, 5328.		19
56	Uncommon clinical presentations of pheochromocytoma and paraganglioma in two different patients affected by two distinct novel VHL germline mutations. Clinical Endocrinology, 2008, 68, 762-768.	2.4	24
57	The Folding Process of Acylphosphatase from Escherichia coli is Remarkably Accelerated by the Presence of a Disulfide Bond. Journal of Molecular Biology, 2008, 379, 1107-1118.	4.2	14
58	Angiotensin II upregulates renin-angiotensin system in human isolated T lymphocytes. Regulatory Peptides, 2008, 151, 1-6.	1.9	24
59	Analytic investigations on protein content in refined seed oils: Implications in food allergy. Food and Chemical Toxicology, 2008, 46, 3383-3388.	3.6	29
60	A Pilot Study on Ocular Safety of Intravitreal Infliximab in a Rabbit Model. , 2008, 49, 1151.		60
61	Aggregation Propensity of the Human Proteome. PLoS Computational Biology, 2008, 4, e1000199.	3.2	81
62	XYLab: an interactive plotting tool for mixed multivariate data observation and interpretation. Bioinformatics, 2008, 2, 392-394.	0.5	0
63	The Distribution of Residues in a Polypeptide Sequence Is a Determinant of Aggregation Optimized by Evolution. Biophysical Journal, 2007, 93, 4382-4391.	0.5	55
64	The CAI Analyser Package: inferring gene expressivity from raw genomic data. In Silico Biology, 2007, 7, 507-26.	0.9	8
65	The intrachain disulfide bridge is responsible of the unusual stability properties of novel acylphosphatase from Escherichia coli. FEBS Letters, 2006, 580, 6763-6768.	2.8	10
66	Nature and Significance of the Interactions between Amyloid Fibrils and Biological Polyelectrolytes. Biochemistry, 2006, 45, 12806-12815.	2.5	128
67	NMR solution structure of the acylphosphatase from Escherichia coli. Journal of Biomolecular NMR, 2006, 36, 199-204.	2.8	15
68	Glycine Residues Appear to Be Evolutionarily Conserved for Their Ability to Inhibit Aggregation. Structure, 2005, 13, 1143-1151.	3.3	74
69	Amyloid Formation of a Protein in the Absence of Initial Unfolding and Destabilization of the Native State. Biophysical Journal, 2005, 89, 4234-4244.	0.5	67
70	ACYP1 Gene Possesses Two Alternative Splicing Forms That Induce Apoptosis. IUBMB Life, 2004, 56, 29-33.	3.4	8
71	Three-dimensional structural characterization of a novel Drosophila melanogaster acylphosphatase. Acta Crystallographica Section D: Biological Crystallography, 2004, 60, 1177-1179.	2.5	18
72	Selection of antibody fragments specific for an α -helix region of acylphosphatase. Journal of Molecular Recognition, 2004, 17, 62-66.	2.1	3

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73	Entropy calculator: getting the best from your multiple protein alignments. Italian Journal of Biochemistry, 2004, 53, 16-22.	0.3	3
74	Characterization of a novel Drosophila melanogaster acylphosphatase. FEBS Letters, 2003, 535, 171-174.	2.8	15