

Daniele Mercatelli

List of Publications by Year in descending order

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42
papers

2,431
citations

304743

22
h-index

302126

39
g-index

52
all docs

52
docs citations

52
times ranked

3930
citing authors

#	ARTICLE	IF	CITATIONS
1	Geographic and Genomic Distribution of SARS-CoV-2 Mutations. <i>Frontiers in Microbiology</i> , 2020, 11, 1800.	3.5	499
2	Intratumoral Copper Modulates PD-L1 Expression and Influences Tumor Immune Evasion. <i>Cancer Research</i> , 2020, 80, 4129-4144.	0.9	179
3	Histone Deacetylases (HDACs): Evolution, Specificity, Role in Transcriptional Complexes, and Pharmacological Actionability. <i>Genes</i> , 2020, 11, 556.	2.4	170
4	Aging and Imaging Assessment of Body Composition: From Fat to Facts. <i>Frontiers in Endocrinology</i> , 2019, 10, 861.	3.5	162
5	Master Regulator Analysis of the SARS-CoV-2/Human Interactome. <i>Journal of Clinical Medicine</i> , 2020, 9, 982.	2.4	160
6	Preliminary report on severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) Spike mutation T478K. <i>Journal of Medical Virology</i> , 2021, 93, 5638-5643.	5.0	129
7	Saporin-S6: A Useful Tool in Cancer Therapy. <i>Toxins</i> , 2013, 5, 1698-1722.	3.4	113
8	Quantitative imaging techniques for the assessment of osteoporosis and sarcopenia. <i>Quantitative Imaging in Medicine and Surgery</i> , 2018, 8, 60-85.	2.0	97
9	Gene regulatory network inference resources: A practical overview. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2020, 1863, 194430.	1.9	93
10	Momordica charantia, a Nutraceutical Approach for Inflammatory Related Diseases. <i>Frontiers in Pharmacology</i> , 2019, 10, 486.	3.5	84
11	<i>Coronapp</i>: A web application to annotate and monitor SARS-CoV-2 mutations. <i>Journal of Medical Virology</i> , 2021, 93, 3238-3245.	5.0	75
12	The R Language: An Engine for Bioinformatics and Data Science. <i>Life</i> , 2022, 12, 648.	2.4	60
13	Magnetic-resonance-guided focused ultrasound treatment of non-spinal osteoid osteoma in children: multicentre experience. <i>Pediatric Radiology</i> , 2019, 49, 1209-1216.	2.0	49
14	Apoptosis and necroptosis induced by stenodactylin in neuroblastoma cells can be completely prevented through caspase inhibition plus catalase or necrostatin-1. <i>Phytomedicine</i> , 2016, 23, 32-41.	5.3	44
15	Copper: An Intracellular Achilles™ Heel Allowing the Targeting of Epigenetics, Kinase Pathways, and Cell Metabolism in Cancer Therapeutics. <i>ChemMedChem</i> , 2021, 16, 2315-2329.	3.2	43
16	<i>corto</i>: a lightweight R package for gene network inference and master regulator analysis. <i>Bioinformatics</i> , 2020, 36, 3916-3917.	4.1	42
17	Structural genetics of circulating variants affecting the SARS-CoV-2 spike/human ACE2 complex. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 6545-6555.	3.5	40
18	Gender-specific association of body composition with inflammatory and adipose-related markers in healthy elderly Europeans from the NU-AGE study. <i>European Radiology</i> , 2019, 29, 4968-4979.	4.5	36

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19	Web tools to fight pandemics: the COVID-19 experience. <i>Briefings in Bioinformatics</i> , 2021, 22, 690-700.	6.5	28
20	Two Saporin-Containing Immunotoxins Specific for CD20 and CD22 Show Different Behavior in Killing Lymphoma Cells. <i>Toxins</i> , 2017, 9, 182.	3.4	25
21	Upper and lower limbs composition: a comparison between anthropometry and dual-energy X-ray absorptiometry in healthy people. <i>Archives of Osteoporosis</i> , 2017, 12, 78.	2.4	23
22	Exploiting the molecular basis of age and gender differences in outcomes of SARS-CoV-2 infections. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 4092-4100.	4.1	23
23	A Cross-Sectional Analysis of Body Composition Among Healthy Elderly From the European NU-AGE Study: Sex and Country Specific Features. <i>Frontiers in Physiology</i> , 2018, 9, 1693.	2.8	22
24	Pan-Cancer and Single-Cell Modeling of Genomic Alterations Through Gene Expression. <i>Frontiers in Genetics</i> , 2019, 10, 671.	2.3	22
25	Immunoconjugates for Osteosarcoma Therapy: Preclinical Experiences and Future Perspectives. <i>Biomedicines</i> , 2018, 6, 19.	3.2	15
26	Correlation between DXA and laboratory parameters in normal weight, overweight, and obese patients. <i>Nutrition</i> , 2019, 61, 143-150.	2.4	13
27	Corticosteroid sensitization drives opioid addiction. <i>Molecular Psychiatry</i> , 2022, 27, 2492-2501.	7.9	12
28	Single-Cell Gene Network Analysis and Transcriptional Landscape of MYCN-Amplified Neuroblastoma Cell Lines. <i>Biomolecules</i> , 2021, 11, 177.	4.0	10
29	Protein Synthesis Inhibition Activity by Strawberry Tissue Protein Extracts during Plant Life Cycle and under Biotic and Abiotic Stresses. <i>International Journal of Molecular Sciences</i> , 2013, 14, 15532-15545.	4.1	9
30	DXA-assessed changes in body composition in obese women following two different weight loss programs. <i>Nutrition</i> , 2018, 46, 13-19.	2.4	9
31	Early Response to the Plant Toxin Stenodactylin in Acute Myeloid Leukemia Cells Involves Inflammatory and Apoptotic Signaling. <i>Frontiers in Pharmacology</i> , 2020, 11, 630.	3.5	9
32	Fluid-Fluid Levels in Aneurysmal Bone Cysts. <i>Journal of Pediatrics</i> , 2019, 204, 317.	1.8	8
33	Detection of subtype-specific Breast Cancer Surface Protein Biomarkers via a novel Transcriptomics approach. <i>Bioscience Reports</i> , 2021, 41, .	2.4	6
34	Prediction of Metabolic Profiles from Transcriptomics Data in Human Cancer Cell Lines. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3867.	4.1	6
35	Transcriptional network inference and master regulator analysis of the response to ribosome-inactivating proteins in leukemia cells. <i>Toxicology</i> , 2020, 441, 152531.	4.2	4
36	Escalated (Dependent) Oxycodone Self-Administration Is Associated with Cognitive Impairment and Transcriptional Evidence of Neurodegeneration in Human Immunodeficiency Virus (HIV) Transgenic Rats. <i>Viruses</i> , 2022, 14, 669.	3.3	4

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37	Torticollis After a Somersault: A Case of Grisel's Syndrome. Indian Journal of Pediatrics, 2019, 86, 198-199.	0.8	2
38	The Transcriptome of SH-SY5Y at Single-Cell Resolution: A CITE-Seq Data Analysis Workflow. Methods and Protocols, 2021, 4, 28.	2.0	2
39	Superior mesenteric artery syndrome after scoliosis surgery. Pediatrics International, 2019, 61, 1181-1182.	0.5	1
40	Spondylocarpotarsal synostosis syndrome: "Bat wings" spinal fusions and "ladybug" carpal coalitions. Pediatrics and Neonatology, 2019, 60, 469-470.	0.9	0
41	DIPG-20. Copper chelation therapy targets S-adenosylmethionine (SAM) metabolism and epigenetic regulators in diffuse intrinsic pontine glioma (DIPG). Neuro-Oncology, 2022, 24, i22-i22.	1.2	0
42	Abstract 5716: Using copper chelating agents to simultaneously target epigenetic mechanisms and receptor tyrosine kinase (RTK) signaling in diffuse intrinsic pontine glioma (DIPG). Cancer Research, 2022, 82, 5716-5716.	0.9	0