

# Alberto Pessia

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1728682/publications.pdf>

Version: 2024-02-01

23  
papers

1,890  
citations

706676

14  
h-index

759306

22  
g-index

32  
all docs

32  
docs citations

32  
times ranked

3886  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dense genomic sampling identifies highways of pneumococcal recombination. <i>Nature Genetics</i> , 2014, 46, 305-309.	9.4	371
2	mTORC1 Regulates Mitochondrial Integrated Stress Response and Mitochondrial Myopathy Progression. <i>Cell Metabolism</i> , 2017, 26, 419-428.e5.	7.2	291
3	Host-Microbe Co-metabolism Dictates Cancer Drug Efficacy in <i>C.Âlegans</i> . <i>Cell</i> , 2017, 169, 442-456.e18.	13.5	198
4	SynergyFinder Plus: Toward Better Interpretation and Annotation of Drug Combination Screening Datasets. <i>Genomics, Proteomics and Bioinformatics</i> , 2022, 20, 587-596.	3.0	159
5	Niacin Cures Systemic NAD <sup>+</sup> Deficiency and Improves Muscle Performance in Adult-Onset Mitochondrial Myopathy. <i>Cell Metabolism</i> , 2020, 31, 1078-1090.e5.	7.2	154
6	DrugComb: an integrative cancer drug combination data portal. <i>Nucleic Acids Research</i> , 2019, 47, W43-W51.	6.5	153
7	Drug combination sensitivity scoring facilitates the discovery of synergistic and efficacious drug combinations in cancer. <i>PLoS Computational Biology</i> , 2019, 15, e1006752.	1.5	106
8	Faecal and serum metabolomics in paediatric inflammatory bowel disease. <i>Journal of Crohn's and Colitis</i> , 2017, 11, jjw158.	0.6	104
9	Surveillance of European Domestic Pig Populations Identifies an Emerging Reservoir of Potentially Zoonotic Swine Influenza A Viruses. <i>Cell Host and Microbe</i> , 2020, 28, 614-627.e6.	5.1	76
10	CLUH regulates mitochondrial metabolism by controlling translation and decay of target mRNAs. <i>Journal of Cell Biology</i> , 2017, 216, 675-693.	2.3	73
11	A community challenge for a pancancer drug mechanism of action inference from perturbational profile data. <i>Cell Reports Medicine</i> , 2022, 3, 100492.	3.3	33
12	Integrated targeted metabolomic and lipidomic analysis: A novel approach to classifying early cystic precursors to invasive pancreatic cancer. <i>Scientific Reports</i> , 2019, 9, 10208.	1.6	22
13	Adipose tissue mitochondrial capacity associates with long-term weight loss success. <i>International Journal of Obesity</i> , 2018, 42, 817-825.	1.6	19
14	Validation and Automation of a High-Throughput Multitargeted Method for Semiquantification of Endogenous Metabolites from Different Biological Matrices Using Tandem Mass Spectrometry. <i>Metabolites</i> , 2018, 8, 44.	1.3	19
15	Combined gene essentiality scoring improves the prediction of cancer dependency maps. <i>EBioMedicine</i> , 2019, 50, 67-80.	2.7	18
16	Convergent Amino Acid Signatures in Polyphyletic <i>Campylobacter jejuni</i> Subpopulations Suggest Human Niche Tropism. <i>Genome Biology and Evolution</i> , 2018, 10, 763-774.	1.1	12
17	Hydroxysteroid (17Î²) dehydrogenase 12 is essential for metabolic homeostasis in adult mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 319, E494-E508.	1.8	12
18	CD73 contributes to anti-inflammatory properties of afferent lymphatic endothelial cells in humans and mice. <i>European Journal of Immunology</i> , 2021, 51, 231-246.	1.6	12

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19	K-Pax2: Bayesian identification of cluster-defining amino acid positions in large sequence datasets. <i>Microbial Genomics</i> , 2015, 1, e000025.	1.0	12
20	Salmonella Typhimurium impairs glycolysis-mediated acidification of phagosomes to evade macrophage defense. <i>PLoS Pathogens</i> , 2021, 17, e1009943.	2.1	10
21	Kpax3: Bayesian bi-clustering of large sequence datasets. <i>Bioinformatics</i> , 2018, 34, 2132-2133.	1.8	6
22	Vascular adhesion protein-1 defines a unique subpopulation of human hematopoietic stem cells and regulates their proliferation. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 7851-7872.	2.4	1
23	A three-term recurrence relation for accurate evaluation of transition probabilities of the simple birth-and-death process. <i>BIT Numerical Mathematics</i> , 2021, 61, 561-585.	1.0	0