

# Giovanni Paternostro

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9110380/publications.pdf>

Version: 2024-02-01

19  
papers

647  
citations

1040056

9  
h-index

940533

16  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1482  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Proposed minimum reporting standards for data analysis in metabolomics. <i>Metabolomics</i> , 2007, 3, 231-241.  | 3.0 | 361       |
| 2  | Systems approaches and algorithms for discovery of combinatorial therapies. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2010, 2, 181-193.                                   | 6.6 | 91        |
| 3  | Metabolomics of the Tumor Microenvironment in Pediatric Acute Lymphoblastic Leukemia. <i>PLoS ONE</i> , 2013, 8, e82859.   | 2.5 | 45        |
| 4  | High-throughput screening and bioinformatic analysis to ascertain compounds that prevent saturated fatty acid-induced $\beta^2$ -cell apoptosis. <i>Biochemical Pharmacology</i> , 2017, 138, 140-149. | 4.4 | 22        |
| 5  | Polled Digital Cell Sorter (p-DCS): Automatic identification of hematological cell types from single cell RNA-sequencing clusters. <i>BMC Bioinformatics</i> , 2019, 20, 369.                          | 2.6 | 22        |
| 6  | Control of Asymmetric Hopfield Networks and Application to Cancer Attractors. <i>PLoS ONE</i> , 2014, 9, e105842.  | 2.5 | 22        |
| 7  | Identification of Drug Combinations Containing Imatinib for Treatment of BCR-ABL+ Leukemias. <i>PLoS ONE</i> , 2014, 9, e102221.   | 2.5 | 18        |
| 8  | Statistical Properties and Robustness of Biological Controller-Target Networks. <i>PLoS ONE</i> , 2012, 7, e29374.   | 2.5 | 13        |
| 9  | Cell cycle time series gene expression data encoded as cyclic attractors in Hopfield systems. <i>PLoS Computational Biology</i> , 2017, 13, e1005849.  | 3.2 | 12        |
| 10 | LIF, a mitogen for choroidal endothelial cells, protects the choriocapillaris: implications for prevention of geographic atrophy. <i>EMBO Molecular Medicine</i> , 2022, 14, e14511.                   | 6.9 | 11        |
| 11 | Evolutionary and Topological Properties of Genes and Community Structures in Human Gene Regulatory Networks. <i>PLoS Computational Biology</i> , 2016, 12, e1005009.                                   | 3.2 | 9         |
| 12 | Digital Cell Sorter (DCS): a cell type identification, anomaly detection, and Hopfield landscapes toolkit for single-cell transcriptomics. <i>PeerJ</i> , 2021, 9, e10670.                             | 2.0 | 8         |
| 13 | A Scalable Method for Molecular Network Reconstruction Identifies Properties of Targets and Mutations in Acute Myeloid Leukemia. <i>Journal of Computational Biology</i> , 2015, 22, 266-288.          | 1.6 | 7         |
| 14 | Combinations of Kinase Inhibitors Protecting Myoblasts against Hypoxia. <i>PLoS ONE</i> , 2015, 10, e0126718.  | 2.5 | 3         |
| 15 | Naturally occurring combinations of receptors from single cell transcriptomics in endothelial cells. <i>Scientific Reports</i> , 2022, 12, 5807.   | 3.3 | 2         |
| 16 | Personalized Drug Combinations for the Treatment of Acute Myeloid Leukemia (AML) Patients. <i>Blood</i> , 2014, 124, 3616-3616.  | 1.4 | 1         |
| 17 | Experimental and computational perturbation analysis of enzyme deletions in <i>Drosophila</i> energy metabolism. <i>FASEB Journal</i> , 2008, 22, 756.3.   | 0.5 | 0         |
| 18 | Drug Sensitivity Across Acute Myeloid Leukemia Subtypes Using an in Vitro Assay. <i>Blood</i> , 2016, 128, 5208-5208.  | 1.4 | 0         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Gain of function of a metalloproteinase associated with multiple myeloma, bicuspid aortic valve, and Von Hippel Lindau syndrome.. Biochemical Journal, 0, , . | 3.7 | 0         |