

Stephano Monti

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6881718/publications.pdf>

Version: 2024-02-01

99
papers

14,712
citations

50244

46
h-index

32815

100
g-index

118
all docs

118
docs citations

118
times ranked

22428
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Title is missing!. Machine Learning, 2003, 52, 91-118. | 3.4 | 1,613 |
| 2 | Initial genome sequencing and analysis of multiple myeloma. Nature, 2011, 471, 467-472. | 13.7 | 1,288 |
| 3 | Molecular subtypes of diffuse large B cell lymphoma are associated with distinct pathogenic mechanisms and outcomes. Nature Medicine, 2018, 24, 679-690. | 15.2 | 1,224 |
| 4 | Integrative analysis reveals selective 9p24.1 amplification, increased PD-1 ligand expression, and further induction via JAK2 in nodular sclerosing Hodgkin lymphoma and primary mediastinal large B-cell lymphoma. Blood, 2010, 116, 3268-3277. | 0.6 | 1,122 |
| 5 | The molecular signature of mediastinal large B-cell lymphoma differs from that of other diffuse large B-cell lymphomas and shares features with classical Hodgkin lymphoma. Blood, 2003, 102, 3871-3879. | 0.6 | 793 |
| 6 | Molecular profiling of diffuse large B-cell lymphoma identifies robust subtypes including one characterized by host inflammatory response. Blood, 2005, 105, 1851-1861. | 0.6 | 778 |
| 7 | Discovery and Characterization of Super-Enhancer-Associated Dependencies in Diffuse Large B Cell Lymphoma. Cancer Cell, 2013, 24, 777-790. | 7.7 | 635 |
| 8 | Prevalence and clinical significance of antineutrophil cytoplasmic antibodies in Churg-Strauss syndrome. Arthritis and Rheumatism, 2005, 52, 2926-2935. | 6.7 | 592 |
| 9 | Targetable genetic features of primary testicular and primary central nervous system lymphomas. Blood, 2016, 127, 869-881. | 0.6 | 429 |
| 10 | Metabolic Signatures Uncover Distinct Targets in Molecular Subsets of Diffuse Large B Cell Lymphoma. Cancer Cell, 2012, 22, 547-560. | 7.7 | 422 |
| 11 | Genome-wide Translocation Sequencing Reveals Mechanisms of Chromosome Breaks and Rearrangements in B Cells. Cell, 2011, 147, 107-119. | 13.5 | 411 |
| 12 | Inactivation of the PRDM1/BLIMP1 gene in diffuse large B cell lymphoma. Journal of Experimental Medicine, 2006, 203, 311-317. | 4.2 | 326 |
| 13 | The AP1-dependent secretion of galectin-1 by Reed-Sternberg cells fosters immune privilege in classical Hodgkin lymphoma. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 13134-13139. | 3.3 | 299 |
| 14 | SYK-dependent tonic B-cell receptor signaling is a rational treatment target in diffuse large B-cell lymphoma. Blood, 2008, 111, 2230-2237. | 0.6 | 289 |
| 15 | Gene Expression Profiling Reveals Reproducible Human Lung Adenocarcinoma Subtypes in Multiple Independent Patient Cohorts. Journal of Clinical Oncology, 2006, 24, 5079-5090. | 0.8 | 263 |
| 16 | NF- κ B activity, function, and target-gene signatures in primary mediastinal large B-cell lymphoma and diffuse large B-cell lymphoma subtypes. Blood, 2005, 106, 1392-1399. | 0.6 | 229 |
| 17 | Integrative Analysis Reveals an Outcome-Associated and Targetable Pattern of p53 and Cell Cycle Deregulation in Diffuse Large B Cell Lymphoma. Cancer Cell, 2012, 22, 359-372. | 7.7 | 179 |
| 18 | Renal Involvement in Churg-Strauss Syndrome. American Journal of Kidney Diseases, 2006, 47, 770-779. | 2.1 | 169 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Nonlinear partial differential equations and applications: Identification of endoglin as a functional marker that defines long-term repopulating hematopoietic stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 15468-15473. | 3.3 | 156 |
| 20 | SYK Inhibition Modulates Distinct PI3K/AKT- Dependent Survival Pathways and Cholesterol Biosynthesis in Diffuse Large B Cell Lymphomas. Cancer Cell, 2013, 23, 826-838. | 7.7 | 152 |
| 21 | Immunohistochemical Detection of MYC-driven Diffuse Large B-Cell Lymphomas. PLoS ONE, 2012, 7, e33813. | 1.1 | 137 |
| 22 | Transcriptional signature with differential expression of BCL6 target genes accurately identifies BCL6-dependent diffuse large B cell lymphomas. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 3207-3212. | 3.3 | 130 |
| 23 | An Aryl Hydrocarbon Receptor-Mediated Amplification Loop That Enforces Cell Migration in ER ⁺ /PR ⁺ /Her2 ⁺ Human Breast Cancer Cells. Molecular Pharmacology, 2016, 90, 674-688. | 1.0 | 124 |
| 24 | Comparative gene marker selection suite. Bioinformatics, 2006, 22, 1924-1925. | 1.8 | 123 |
| 25 | The aryl hydrocarbon receptor directs hematopoietic progenitor cell expansion and differentiation. Blood, 2013, 122, 376-385. | 0.6 | 119 |
| 26 | hyperR: an R package for geneset enrichment workflows. Bioinformatics, 2020, 36, 1307-1308. | 1.8 | 117 |
| 27 | Lesional gene expression profiling in cutaneous T-cell lymphoma reveals natural clusters associated with disease outcome. Blood, 2007, 110, 3015-3027. | 0.6 | 115 |
| 28 | Selective JAK2 Inhibition Specifically Decreases Hodgkin Lymphoma and Mediastinal Large B-cell Lymphoma Growth <i>In Vitro</i> and <i>In Vivo</i> . Clinical Cancer Research, 2014, 20, 2674-2683. | 3.2 | 114 |
| 29 | Transcriptional Profiling Identifies Cyclin D1 as a Critical Downstream Effector of Mutant Epidermal Growth Factor Receptor Signaling. Cancer Research, 2006, 66, 11389-11398. | 0.4 | 112 |
| 30 | A YAP/TAZ-Regulated Molecular Signature Is Associated with Oral Squamous Cell Carcinoma. Molecular Cancer Research, 2015, 13, 957-968. | 1.5 | 107 |
| 31 | The role of the aryl hydrocarbon receptor in the development of cells with the molecular and functional characteristics of cancer stem-like cells. BMC Biology, 2016, 14, 20. | 1.7 | 80 |
| 32 | Altered RNA editing in 3' UTR perturbs microRNA-mediated regulation of oncogenes and tumor-suppressors. Scientific Reports, 2016, 6, 23226. | 1.6 | 77 |
| 33 | Viral induction and targeted inhibition of galectin-1 in EBV+ posttransplant lymphoproliferative disorders. Blood, 2011, 117, 4315-4322. | 0.6 | 75 |
| 34 | Pathways of Toxicity. ALTEX: Alternatives To Animal Experimentation, 2014, 31, 53-61. | 0.9 | 75 |
| 35 | Genomic Models of Short-Term Exposure Accurately Predict Long-Term Chemical Carcinogenicity and Identify Putative Mechanisms of Action. PLoS ONE, 2014, 9, e102579. | 1.1 | 72 |
| 36 | Glutamine-utilizing transaminases are a metabolic vulnerability of TAZ/YAP-activated cancer cells. EMBO Reports, 2018, 19, . | 2.0 | 70 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Diffuse large B-cell lymphoma patient-derived xenograft models capture the molecular and biological heterogeneity of the disease. <i>Blood</i> , 2016, 127, 2203-2213. | 0.6 | 68 |
| 38 | RNA Binding and Core Complexes Constitute the U-Insertion/Deletion Editosome. <i>Molecular and Cellular Biology</i> , 2014, 34, 4329-4342. | 1.1 | 67 |
| 39 | Role for the Aryl Hydrocarbon Receptor and Diverse Ligands in Oral Squamous Cell Carcinoma Migration and Tumorigenesis. <i>Molecular Cancer Research</i> , 2016, 14, 696-706. | 1.5 | 67 |
| 40 | A Transcriptional Profiling Study of CCAAT/Enhancer Binding Protein Targets Identifies Hepatocyte Nuclear Factor 3 β as a Novel Tumor Suppressor in Lung Cancer. <i>Cancer Research</i> , 2004, 64, 4137-4147. | 0.4 | 66 |
| 41 | The role of the aryl hydrocarbon receptor in normal and malignant B cell development. <i>Seminars in Immunopathology</i> , 2013, 35, 705-716. | 2.8 | 63 |
| 42 | Respiratory Failure Due to Differentiation Arrest and Expansion of Alveolar Cells following Lung-Specific Loss of the Transcription Factor C/EBP β in Mice. <i>Molecular and Cellular Biology</i> , 2006, 26, 1109-1123. | 1.1 | 61 |
| 43 | Yap suppresses T-cell function and infiltration in the tumor microenvironment. <i>PLoS Biology</i> , 2020, 18, e3000591. | 2.6 | 58 |
| 44 | How the AHR Became Important in Cancer: The Role of Chronically Active AHR in Cancer Aggression. <i>International Journal of Molecular Sciences</i> , 2021, 22, 387. | 1.8 | 54 |
| 45 | Id1 is a common downstream target of oncogenic tyrosine kinases in leukemic cells. <i>Blood</i> , 2008, 112, 1981-1992. | 0.6 | 51 |
| 46 | Predicting dire outcomes of patients with community acquired pneumonia. <i>Journal of Biomedical Informatics</i> , 2005, 38, 347-366. | 2.5 | 50 |
| 47 | Signatures of murine B-cell development implicate Yy1 as a regulator of the germinal center-specific program. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 2873-2878. | 3.3 | 49 |
| 48 | Cancer cell responses to Hsp70 inhibitor JG-98: Comparison with Hsp90 inhibitors and finding synergistic drug combinations. <i>Scientific Reports</i> , 2018, 8, 3010. | 1.6 | 48 |
| 49 | Towards Resolving the Pro- and Anti-Tumor Effects of the Aryl Hydrocarbon Receptor. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1388. | 1.8 | 45 |
| 50 | Thyroid Progenitors Are Robustly Derived from Embryonic Stem Cells through Transient, Developmental Stage-Specific Overexpression of Nrx2-1. <i>Stem Cell Reports</i> , 2017, 8, 216-225. | 2.3 | 44 |
| 51 | Functional and genomic analyses reveal therapeutic potential of targeting β -catenin/CBP activity in head and neck cancer. <i>Genome Medicine</i> , 2018, 10, 54. | 3.6 | 43 |
| 52 | Inhibition of LSD1 epigenetically attenuates oral cancer growth and metastasis. <i>Oncotarget</i> , 2017, 8, 73372-73386. | 0.8 | 43 |
| 53 | Induced Pluripotent Stem Cell Modeling of Multisystemic, Hereditary Transthyretin Amyloidosis. <i>Stem Cell Reports</i> , 2013, 1, 451-463. | 2.3 | 42 |
| 54 | 15-Hydroxyprostaglandin Dehydrogenase is a Target of Hepatocyte Nuclear Factor 3 β and a Tumor Suppressor in Lung Cancer. <i>Cancer Research</i> , 2008, 68, 5040-5048. | 0.4 | 40 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | FAS Death Domain Deletions and Cellular FADD-like Interleukin 1 β Converting Enzyme Inhibitory Protein (Long) Overexpression: Alternative Mechanisms for Dereulating the Extrinsic Apoptotic Pathway in Diffuse Large B-Cell Lymphoma Subtypes. <i>Clinical Cancer Research</i> , 2006, 12, 3265-3271. | 3.2 | 37 |
| 56 | Antisense Transcripts Delimit Exonucleolytic Activity of the Mitochondrial 3 Ω Processome to Generate Guide RNAs. <i>Molecular Cell</i> , 2016, 61, 364-378. | 4.5 | 35 |
| 57 | Oncogenic ALK regulates EMT in non-small cell lung carcinoma through repression of the epithelial splicing regulatory protein 1. <i>Oncotarget</i> , 2016, 7, 33316-33330. | 0.8 | 35 |
| 58 | Assessment of microRNA differential expression and detection in multiplexed small RNA sequencing data. <i>Rna</i> , 2015, 21, 164-171. | 1.6 | 31 |
| 59 | PDGFR β Is a Novel Marker of Stromal Activation in Oral Squamous Cell Carcinomas. <i>PLoS ONE</i> , 2016, 11, e0154645. | 1.1 | 31 |
| 60 | Inhibition of Ubc13-mediated Ubiquitination by GPS2 Regulates Multiple Stages of B Cell Development. <i>Journal of Biological Chemistry</i> , 2017, 292, 2754-2772. | 1.6 | 30 |
| 61 | Bayesian Methods for Multivariate Modeling of Pleiotropic SNP Associations and Genetic Risk Prediction. <i>Frontiers in Genetics</i> , 2012, 3, 176. | 1.1 | 28 |
| 62 | ASSIGN: context-specific genomic profiling of multiple heterogeneous biological pathways. <i>Bioinformatics</i> , 2015, 31, 1745-1753. | 1.8 | 28 |
| 63 | Pipeliner: A Nextflow-Based Framework for the Definition of Sequencing Data Processing Pipelines. <i>Frontiers in Genetics</i> , 2019, 10, 614. | 1.1 | 28 |
| 64 | A serum protein signature of <i>APOE</i> genotypes in centenarians. <i>Aging Cell</i> , 2019, 18, e13023. | 3.0 | 27 |
| 65 | Molecular Classification of MYC-Driven B-Cell Lymphomas by Targeted Gene Expression Profiling of Fixed Biopsy Specimens. <i>Journal of Molecular Diagnostics</i> , 2015, 17, 19-30. | 1.2 | 25 |
| 66 | Yap/Taz inhibit goblet cell fate to maintain lung epithelial homeostasis. <i>Cell Reports</i> , 2021, 36, 109347. | 2.9 | 24 |
| 67 | Tributyltin induces a transcriptional response without a brite adipocyte signature in adipocyte models. <i>Archives of Toxicology</i> , 2018, 92, 2859-2874. | 1.9 | 23 |
| 68 | CXCR4 upregulation is an indicator of sensitivity to B-cell receptor/PI3K blockade and a potential resistance mechanism in B-cell receptor-dependent diffuse large B-cell lymphomas. <i>Haematologica</i> , 2020, 105, 1361-1368. | 1.7 | 23 |
| 69 | <i>PPR</i> polyadenylation factor defines mitochondrial mRNA identity and stability in trypanosomes. <i>EMBO Journal</i> , 2017, 36, 2435-2454. | 3.5 | 20 |
| 70 | The Carcinogenome Project: <i>In Vitro</i> Gene Expression Profiling of Chemical Perturbations to Predict Long-Term Carcinogenicity. <i>Environmental Health Perspectives</i> , 2019, 127, 47002. | 2.8 | 20 |
| 71 | Naturally occurring hotspot cancer mutations in G β 13 promote oncogenic signaling. <i>Journal of Biological Chemistry</i> , 2020, 295, 16897-16904. | 1.6 | 19 |
| 72 | animalcules: interactive microbiome analytics and visualization in R. <i>Microbiome</i> , 2021, 9, 76. | 4.9 | 18 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Lack of IKBA coding region mutations in primary mediastinal large B-cell lymphoma and the host response subtype of diffuse large B-cell lymphoma. <i>Blood</i> , 2006, 107, 844-845. | 0.6 | 17 |
| 74 | Network-based analysis of transcriptional profiles from chemical perturbations experiments. <i>BMC Bioinformatics</i> , 2017, 18, 130. | 1.2 | 17 |
| 75 | Learning Bayesian Networks from Correlated Data. <i>Scientific Reports</i> , 2016, 6, 25156. | 1.6 | 16 |
| 76 | The diverse and important contributions of the AHR to cancer and cancer immunity. <i>Current Opinion in Toxicology</i> , 2017, 2, 93-102. | 2.6 | 14 |
| 77 | β -Catenin/CBP inhibition alters epidermal growth factor receptor fucosylation status in oral squamous cell carcinoma. <i>Molecular Omics</i> , 2020, 16, 195-209. | 1.4 | 14 |
| 78 | Effect of longevity genetic variants on the molecular aging rate. <i>GeroScience</i> , 2021, 43, 1237-1251. | 2.1 | 12 |
| 79 | Inhibition of LSD1 Attenuates Oral Cancer Development and Promotes Therapeutic Efficacy of Immune Checkpoint Blockade and YAP/TAZ Inhibition. <i>Molecular Cancer Research</i> , 2022, 20, 712-721. | 1.5 | 12 |
| 80 | Loss of G-Protein Pathway Suppressor 2 Promotes Tumor Growth Through Activation of AKT Signaling. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 608044. | 1.8 | 10 |
| 81 | Bounded recursive decomposition: a search-based method for belief-network inference under limited resources. <i>International Journal of Approximate Reasoning</i> , 1996, 15, 49-75. | 1.9 | 9 |
| 82 | Gene expression alterations in salivary gland epithelia of Sjögren's syndrome patients are associated with clinical and histopathological manifestations. <i>Scientific Reports</i> , 2021, 11, 11154. | 1.6 | 9 |
| 83 | Contextualized Protein-Protein Interactions. <i>Patterns</i> , 2021, 2, 100153. | 3.1 | 8 |
| 84 | A Data-Driven Transcriptional Taxonomy of Adipogenic Chemicals to Identify White and Brite Adipogens. <i>Environmental Health Perspectives</i> , 2021, 129, 77006. | 2.8 | 7 |
| 85 | CaDrA: A Computational Framework for Performing Candidate Driver Analyses Using Genomic Features. <i>Frontiers in Genetics</i> , 2019, 10, 121. | 1.1 | 6 |
| 86 | Diffuse Large B-Cell Lymphoma Patient-Derived Xenograft Models Capture Molecular and Biologic Heterogeneity and Inform Therapy. <i>Blood</i> , 2015, 126, 817-817. | 0.6 | 5 |
| 87 | Serum Orotidine: A Novel Biomarker of Increased CVD Risk in Type 2 Diabetes Discovered Through Metabolomics Studies. <i>Diabetes Care</i> , 2022, 45, 1882-1892. | 4.3 | 5 |
| 88 | Assessment of a Highly Multiplexed RNA Sequencing Platform and Comparison to Existing High-Throughput Gene Expression Profiling Techniques. <i>Frontiers in Genetics</i> , 2019, 10, 150. | 1.1 | 4 |
| 89 | Identification of candidate cancer drivers by integrative Epi-DNA and Gene Expression (iEDGE) data analysis. <i>Scientific Reports</i> , 2019, 9, 16904. | 1.6 | 4 |
| 90 | Multi-resolution characterization of molecular taxonomies in bulk and single-cell transcriptomics data. <i>Nucleic Acids Research</i> , 2021, 49, e98-e98. | 6.5 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 91 | SimFuse: A Novel Fusion Simulator for RNA Sequencing (RNA-Seq) Data. BioMed Research International, 2015, 2015, 1-5. | 0.9 | 3 |
| 92 | PopCluster: an algorithm to identify genetic variants with ethnicity-dependent effects. Bioinformatics, 2019, 35, 3046-3054. | 1.8 | 3 |
| 93 | Actionable Genetic Features of Primary Testicular and Primary Central Nervous System Lymphomas. Blood, 2014, 124, 74-74. | 0.6 | 2 |
| 94 | An information-based bayesian approach to history taking. Lecture Notes in Computer Science, 1995, , 127-138. | 1.0 | 2 |
| 95 | Disruption Of Super Enhancer-Driven Cancer Dependencies In Diffuse Large B-Cell Lymphoma. Blood, 2013, 122, 3021-3021. | 0.6 | 1 |
| 96 | Preclinical Analyses Of The Chemical JAK2 Inhibitor, SAR302503, In Classical Hodgkin Lymphoma and Primary Mediastinal Large B-Cell Lymphoma. Blood, 2013, 122, 4230-4230. | 0.6 | 1 |
| 97 | CXCR4 Upregulation Is a Biomarker Of Sensitivity To Targeted Inhibition Of B-Cell Receptor Signaling In Diffuse Large B-Cell Lymphoma. Blood, 2013, 122, 631-631. | 0.6 | 1 |
| 98 | Resolving the Biological Heterogeneity of B-Cell Lymphoma, Unclassifiable, with Features Intermediate Between DLBCL and BL (BCL-U) Using Quantitative Profiles of Oncogenic Signaling Networks. Blood, 2015, 126, 3903-3903. | 0.6 | 0 |
| 99 | Comprehensive Analyses of Genetic Features Identify Coordinate Signatures in Diffuse Large B-Cell Lymphoma. Blood, 2015, 126, 3922-3922. | 0.6 | 0 |