

Silvio Bicciato

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3326767/publications.pdf>

Version: 2024-02-01

202
papers

23,274
citations

22099

59
h-index

8599

146
g-index

223
all docs

223
docs citations

223
times ranked

36008
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | RNA-seq in DMD urinary stem cells recognized muscle-related transcription signatures and addressed the identification of atypical mutations by whole-genome sequencing. <i>Human Genetics and Genomics Advances</i> , 2022, 3, 100054. | 1.0 | 6 |
| 2 | Fatal cytokine release syndrome by an aberrant FLIP/STAT3 axis. <i>Cell Death and Differentiation</i> , 2022, 29, 420-438. | 5.0 | 14 |
| 3 | COVID-19 health policy evaluation: integrating health and economic perspectives with a data envelopment analysis approach. <i>European Journal of Health Economics</i> , 2022, 23, 1263-1285. | 1.4 | 11 |
| 4 | CCR1 and CCR5 mediate cancer-induced myelopoiesis and differentiation of myeloid cells in the tumor. <i>Cell</i> , 2022, 10, e003131. | | 15 |
| 5 | CXCL5-mediated accumulation of mature neutrophils in lung cancer tissues impairs the differentiation program of anticancer CD8 T cells and limits the efficacy of checkpoint inhibitors. <i>Onc Immunology</i> , 2022, 11, 2059876. | 2.1 | 18 |
| 6 | RNA aptamers specific for transmembrane p24 trafficking protein 6 and Clusterin for the targeted delivery of imaging reagents and RNA therapeutics to human β^2 cells. <i>Nature Communications</i> , 2022, 13, 1815. | 5.8 | 6 |
| 7 | YAP/TAZ activity in stromal cells prevents ageing by controlling cGAS \rightarrow STING. <i>Nature</i> , 2022, 607, 790-798. | 13.7 | 89 |
| 8 | Computational methods for the integrative analysis of single-cell data. <i>Briefings in Bioinformatics</i> , 2021, 22, 20-29. | 3.2 | 43 |
| 9 | Aberrant transcriptional and post-transcriptional regulation of SPAG5, a YAP/TAZ-TEAD downstream effector, fuels breast cancer cell proliferation. <i>Cell Death and Differentiation</i> , 2021, 28, 1493-1511. | 5.0 | 19 |
| 10 | Single-cell analyses reveal YAP/TAZ as regulators of stemness and cell plasticity in glioblastoma. <i>Nature Cancer</i> , 2021, 2, 174-188. | 5.7 | 83 |
| 11 | Mutated clones driving leukemic transformation are already detectable at the single-cell level in CD34-positive cells in the chronic phase of primary myelofibrosis. <i>Npj Precision Oncology</i> , 2021, 5, 4. | 2.3 | 10 |
| 12 | EphB6 Regulates TFEB-Lysosomal Pathway and Survival of Disseminated Indolent Breast Cancer Cells. <i>Cancers</i> , 2021, 13, 1079. | 1.7 | 14 |
| 13 | Circulating mucosal-associated invariant T cells identify patients responding to anti-PD-1 therapy. <i>Nature Communications</i> , 2021, 12, 1669. | 5.8 | 48 |
| 14 | Gene expression profile correlates with molecular and clinical features in patients with myelofibrosis. <i>Blood Advances</i> , 2021, 5, 1452-1462. | 2.5 | 8 |
| 15 | TIM4 expression by dendritic cells mediates uptake of tumor-associated antigens and anti-tumor responses. <i>Nature Communications</i> , 2021, 12, 2237. | 5.8 | 35 |
| 16 | Epigenomic landscape of human colorectal cancer unveils an aberrant core of pan-cancer enhancers orchestrated by YAP/TAZ. <i>Nature Communications</i> , 2021, 12, 2340. | 5.8 | 43 |
| 17 | Single-keratinocyte transcriptomic analyses identify different clonal types and proliferative potential mediated by FOXM1 in human epidermal stem cells. <i>Nature Communications</i> , 2021, 12, 2505. | 5.8 | 31 |
| 18 | Anticancer innovative therapy congress: Highlights from the 10th anniversary edition. <i>Cytokine and Growth Factor Reviews</i> , 2021, 59, 1-8. | 3.2 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Characterization of GECPAR, a noncoding RNA that regulates the transcriptional program of diffuse large B cell lymphoma. <i>Haematologica</i> , 2021, , . | 1.7 | 3 |
| 20 | Glycolysis downregulation is a hallmark of HIV-1 latency and sensitizes infected cells to oxidative stress. <i>EMBO Molecular Medicine</i> , 2021, 13, e13901. | 3.3 | 30 |
| 21 | ETV7 regulates breast cancer stem-like cell features by repressing IFN-response genes. <i>Cell Death and Disease</i> , 2021, 12, 742. | 2.7 | 16 |
| 22 | Artificial Intelligence for Hospital Health Care: Application Cases and Answers to Challenges in European Hospitals. <i>Healthcare (Switzerland)</i> , 2021, 9, 961. | 1.0 | 18 |
| 23 | Human T cells engineered with a leukemia lipid-specific TCR enables donor-unrestricted recognition of CD1c-expressing leukemia. <i>Nature Communications</i> , 2021, 12, 4844. | 5.8 | 3 |
| 24 | Computational Analysis of Hi-C Data. <i>Methods in Molecular Biology</i> , 2021, 2157, 103-125. | 0.4 | 3 |
| 25 | ASB2 is a direct target of FLI1 that sustains NF- κ B pathway activation in germinal center-derived diffuse large B-cell lymphoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 357. | 3.5 | 7 |
| 26 | Urine-Derived Stem Cells Express 571 Neuromuscular Disorders Causing Genes, Making Them a Potential in vitro Model for Rare Genetic Diseases. <i>Frontiers in Physiology</i> , 2021, 12, 716471. | 1.3 | 4 |
| 27 | APTANI2: update of aptamer selection through sequence-structure analysis. <i>Bioinformatics</i> , 2020, 36, 2266-2268. | 1.8 | 19 |
| 28 | High NRF2 Levels Correlate with Poor Prognosis in Colorectal Cancer Patients and with Sensitivity to the Kinase Inhibitor AT9283 In Vitro. <i>Biomolecules</i> , 2020, 10, 1365. | 1.8 | 22 |
| 29 | Disabled Homolog 2 Controls Prometastatic Activity of Tumor-Associated Macrophages. <i>Cancer Discovery</i> , 2020, 10, 1758-1773. | 7.7 | 44 |
| 30 | GATA Factor-Mediated Gene Regulation in Human Erythropoiesis. <i>IScience</i> , 2020, 23, 101018. | 1.9 | 11 |
| 31 | Mutant p53 induces Golgi tubulo-vesiculation driving a prometastatic secretome. <i>Nature Communications</i> , 2020, 11, 3945. | 5.8 | 52 |
| 32 | P2X7 Receptor Activity Limits Accumulation of T Cells within Tumors. <i>Cancer Research</i> , 2020, 80, 3906-3919. | 0.4 | 36 |
| 33 | The Genome-Wide Impact of Nipblb Loss-of-Function on Zebrafish Gene Expression. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9719. | 1.8 | 2 |
| 34 | Aptamers against mouse and human tumor-infiltrating myeloid cells as reagents for targeted chemotherapy. <i>Science Translational Medicine</i> , 2020, 12, . | 5.8 | 21 |
| 35 | Computational Methods for the Integrative Analysis of Genomics and Pharmacological Data. <i>Frontiers in Oncology</i> , 2020, 10, 185. | 1.3 | 8 |
| 36 | Reprogramming normal cells into tumour precursors requires ECM stiffness and oncogene-mediated changes of cell mechanical properties. <i>Nature Materials</i> , 2020, 19, 797-806. | 13.3 | 140 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Cell-Type-Specific Analysis of Molecular Pathology in Autism Identifies Common Genes and Pathways Affected Across Neocortical Regions. <i>Molecular Neurobiology</i> , 2020, 57, 2279-2289. | 1.9 | 20 |
| 38 | Alterations of redox and iron metabolism accompany the development of HIV latency. <i>EMBO Journal</i> , 2020, 39, e102209. | 3.5 | 37 |
| 39 | PI3K Inhibitors Curtail MYC-Dependent Mutant p53 Gain-of-Function in Head and Neck Squamous Cell Carcinoma. <i>Clinical Cancer Research</i> , 2020, 26, 2956-2971. | 3.2 | 33 |
| 40 | Class IA PI3Ks regulate subcellular and functional dynamics of IDO1. <i>EMBO Reports</i> , 2020, 21, e49756. | 2.0 | 24 |
| 41 | Abstract PR16: RNA aptamers specific for tumor-infiltrating myeloid cells. , 2020, , . | | 0 |
| 42 | Abstract CT261: METAMECH -A Master Observational Trial empowering mechanobiology translational research and mechanobased proof of concept trials in breast cancer. , 2020, , . | | 0 |
| 43 | Abstract PO-07: The FLI1 direct target ASB2 promotes NF-KB pathway activation in diffuse large B-cell lymphoma of the germinal center B-cell type. , 2020, , . | | 0 |
| 44 | Mutant p53 improves cancer cells' resistance to endoplasmic reticulum stress by sustaining activation of the UPR regulator ATF6. <i>Oncogene</i> , 2019, 38, 6184-6195. | 2.6 | 56 |
| 45 | P.134 Physical and transcriptional characterization of human urinary stem cell populations. <i>Neuromuscular Disorders</i> , 2019, 29, S87. | 0.3 | 0 |
| 46 | P.386 Genome and transcriptome analysis of COLVI genes and characterization of a new promising cellular model. <i>Neuromuscular Disorders</i> , 2019, 29, S194. | 0.3 | 0 |
| 47 | THE NONCODING RNA GECPAR IS INVOLVED IN WNT SIGNALING AND HAS TUMOR-SUPPRESSOR ACTIVITY IN DIFFUSE LARGE B CELL LYMPHOMA. <i>Hematological Oncology</i> , 2019, 37, 77-77. | 0.8 | 0 |
| 48 | Integration of Bioinformatic Predictions and Experimental Data to Identify circRNA-miRNA Associations. <i>Genes</i> , 2019, 10, 642. | 1.0 | 81 |
| 49 | Engagement of Nuclear Coactivator 7 by 3-Hydroxyanthranilic Acid Enhances Activation of Aryl Hydrocarbon Receptor in Immunoregulatory Dendritic Cells. <i>Frontiers in Immunology</i> , 2019, 10, 1973. | 2.2 | 47 |
| 50 | Transcription Factor-Directed Re-wiring of Chromatin Architecture for Somatic Cell Nuclear Reprogramming toward trans-Differentiation. <i>Molecular Cell</i> , 2019, 76, 453-472.e8. | 4.5 | 67 |
| 51 | Isoprenylcysteine carboxy methyltransferase (ICMT) is associated with tumor aggressiveness and its expression is controlled by the p53 tumor suppressor. <i>Journal of Biological Chemistry</i> , 2019, 294, 5060-5073. | 1.6 | 15 |
| 52 | Extracellular matrix mechanical cues regulate lipid metabolism through Lipin-1 and SREBP. <i>Nature Cell Biology</i> , 2019, 21, 338-347. | 4.6 | 135 |
| 53 | MICAL2 is expressed in cancer associated neo-angiogenic capillary endothelia and it is required for endothelial cell viability, motility and VEGF response. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 2111-2124. | 1.8 | 14 |
| 54 | A novel RNA aptamer identifies plasma membrane ATP synthase beta subunit as an early marker and therapeutic target in aggressive cancer. <i>Breast Cancer Research and Treatment</i> , 2019, 176, 271-289. | 1.1 | 29 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 55 | Sterol regulatory element binding protein 1 couples mechanical cues and lipid metabolism. <i>Nature Communications</i> , 2019, 10, 1326. | 5.8 | 158 |
| 56 | F-actin dynamics regulates mammalian organ growth and cell fate maintenance. <i>Journal of Hepatology</i> , 2019, 71, 130-142. | 1.8 | 56 |
| 57 | Exome sequencing and bioinformatic approaches reveals rare sequence variants involved in cell signalling and elastic fibre homeostasis: new evidence in the development of ectopic calcification. <i>Cellular Signalling</i> , 2019, 59, 131-140. | 1.7 | 15 |
| 58 | P2X7 receptor restrains pathogenic Tfh cell generation in systemic lupus erythematosus. <i>Journal of Experimental Medicine</i> , 2019, 216, 317-336. | 4.2 | 83 |
| 59 | d <scp>NTP</scp> metabolism links mechanical cues and <scp>YAP</scp> / <scp>TAZ</scp> to cell growth and oncogene-induced senescence. <i>EMBO Journal</i> , 2018, 37, . | 3.5 | 60 |
| 60 | Mechanical cues control mutant p53 stability through a mevalonate-RhoA axis. <i>Nature Cell Biology</i> , 2018, 20, 28-35. | 4.6 | 104 |
| 61 | Transcriptional profiling of human bronchial epithelial cell BEAS-2B exposed to diesel and biomass ultrafine particles. <i>BMC Genomics</i> , 2018, 19, 302. | 1.2 | 43 |
| 62 | The early expansion of anergic NKG2A ^{pos} /CD56 ^{dim} /CD16 ^{neg} natural killer represents a therapeutic target in haploidentical hematopoietic stem cell transplantation. <i>Haematologica</i> , 2018, 103, 1390-1402. | 1.7 | 61 |
| 63 | Bimodal CD40/Fas-Dependent Crosstalk between iNKT Cells and Tumor-Associated Macrophages Impairs Prostate Cancer Progression. <i>Cell Reports</i> , 2018, 22, 3006-3020. | 2.9 | 62 |
| 64 | A gene expression signature of Retinoblastoma loss-of-function predicts resistance to neoadjuvant chemotherapy in ER-positive/HER2-positive breast cancer patients. <i>Breast Cancer Research and Treatment</i> , 2018, 170, 329-341. | 1.1 | 17 |
| 65 | Computational methods for analyzing genome-wide chromosome conformation capture data. <i>Current Opinion in Biotechnology</i> , 2018, 54, 98-105. | 3.3 | 12 |
| 66 | MYC-driven epigenetic reprogramming favors the onset of tumorigenesis by inducing a stem cell-like state. <i>Nature Communications</i> , 2018, 9, 1024. | 5.8 | 114 |
| 67 | NEXT GENERATION SEQUENCING AND EXPERIMENTAL MYOLOGY. <i>Neuromuscular Disorders</i> , 2018, 28, S145. | 0.3 | 0 |
| 68 | PO-298 MYC favours the onset of tumour initiating cells by inducing epigenetic reprogramming of mammary epithelial cells towards a stem cell-like state. <i>ESMO Open</i> , 2018, 3, A137-A138. | 2.0 | 0 |
| 69 | Chromosome positioning in interphase nuclei of hematopoietic stem cell and myeloid precursor. <i>Hematology Reports</i> , 2018, 10, 7515. | 0.3 | 6 |
| 70 | Induction of immunosuppressive functions and NF- κ B by FLIP in monocytes. <i>Nature Communications</i> , 2018, 9, 5193. | 5.8 | 45 |
| 71 | Enzymatic Inactivation of Oxysterols in Breast Tumor Cells Constraints Metastasis Formation by Reprogramming the Metastatic Lung Microenvironment. <i>Frontiers in Immunology</i> , 2018, 9, 2251. | 2.2 | 19 |
| 72 | Transcriptional addiction in cancer cells is mediated by YAP/TAZ through BRD4. <i>Nature Medicine</i> , 2018, 24, 1599-1610. | 15.2 | 228 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 73 | Dynamics of cellular states of fibro-adipogenic progenitors during myogenesis and muscular dystrophy. <i>Nature Communications</i> , 2018, 9, 3670. | 5.8 | 137 |
| 74 | GDA, a web-based tool for Genomics and Drugs integrated analysis. <i>Nucleic Acids Research</i> , 2018, 46, W148-W156. | 6.5 | 9 |
| 75 | Deficiency of immunoregulatory indoleamine 2,3-dioxygenase 1 in juvenile diabetes. <i>JCI Insight</i> , 2018, 3, . | 2.3 | 51 |
| 76 | Differential proteomic profile of leukemic CD34+ progenitor cells from chronic myeloid leukemia patients. <i>Oncotarget</i> , 2018, 9, 21758-21769. | 0.8 | 3 |
| 77 | A RB-1 loss of function gene-signature (RBsig) as a tool to predict response to neoadjuvant chemotherapy (CT) plus anti-HER2 agents (H): A substudy of the NeoALTO trial (BIG 1-06).. <i>Journal of Clinical Oncology</i> , 2018, 36, 570-570. | 0.8 | 0 |
| 78 | Glucocorticoid receptor signalling activates YAP in breast cancer. <i>Nature Communications</i> , 2017, 8, 14073. | 5.8 | 129 |
| 79 | A Relay Pathway between Arginine and Tryptophan Metabolism Confers Immunosuppressive Properties on Dendritic Cells. <i>Immunity</i> , 2017, 46, 233-244. | 6.6 | 241 |
| 80 | WoPPER: Web server for Position Related data analysis of gene Expression in Prokaryotes. <i>Nucleic Acids Research</i> , 2017, 45, W109-W115. | 6.5 | 16 |
| 81 | Comparison of computational methods for Hi-C data analysis. <i>Nature Methods</i> , 2017, 14, 679-685. | 9.0 | 301 |
| 82 | Altered peritumoral microRNA expression predicts head and neck cancer patients with a high risk of recurrence. <i>Modern Pathology</i> , 2017, 30, 1387-1401. | 2.9 | 44 |
| 83 | Regeneration of the entire human epidermis using transgenic stem cells. <i>Nature</i> , 2017, 551, 327-332. | 13.7 | 544 |
| 84 | The mutant p53-DM4 complex controls VEGFA isoforms by recruiting lncRNA MALAT1. <i>EMBO Reports</i> , 2017, 18, 1331-1351. | 2.0 | 78 |
| 85 | MCM7 and its hosted miR-25, 93 and 106b cluster elicit YAP/TAZ oncogenic activity in lung cancer. <i>Carcinogenesis</i> , 2017, 38, 64-75. | 1.3 | 52 |
| 86 | Gene signatures as potential predictive markers of response to neoadjuvant chemotherapy in ER+/HER2+ breast cancer patients. <i>Annals of Oncology</i> , 2017, 28, v25-v26. | 0.6 | 0 |
| 87 | The Proteasome Inhibitor Bortezomib Controls Indoleamine 2,3-Dioxygenase 1 Breakdown and Restores Immune Regulation in Autoimmune Diabetes. <i>Frontiers in Immunology</i> , 2017, 8, 428. | 2.2 | 28 |
| 88 | Abstract P6-01-05: Novel cytotoxic RNA aptamers that distinguish between metastasis-prone and indolent breast and prostate cancers. , 2017, , . | | 0 |
| 89 | Abstract P1-09-13: A RB-1 loss-of-function gene-signature (RBsig) predicts resistance to neoadjuvant chemotherapy in HER2+/ER+ breast cancer patients. , 2017, , . | | 0 |
| 90 | APTANI: a computational tool to select aptamers through sequence-structure motif analysis of HT-SELEX data. <i>Bioinformatics</i> , 2016, 32, 161-164. | 1.8 | 55 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 91 | MRF4 negatively regulates adult skeletal muscle growth by repressing MEF2 activity. <i>Nature Communications</i> , 2016, 7, 12397. | 5.8 | 88 |
| 92 | Dynamic Transcriptional and Epigenetic Regulation of Human Epidermal Keratinocyte Differentiation. <i>Stem Cell Reports</i> , 2016, 6, 618-632. | 2.3 | 55 |
| 93 | T Cell Cancer Therapy Requires CD40-CD40L Activation of Tumor Necrosis Factor and Inducible Nitric-Oxide-Synthase-Producing Dendritic Cells. <i>Cancer Cell</i> , 2016, 30, 377-390. | 7.7 | 141 |
| 94 | A comparative transcriptomic analysis of astrocytes differentiation from human neural progenitor cells. <i>European Journal of Neuroscience</i> , 2016, 44, 2858-2870. | 1.2 | 32 |
| 95 | lncRNA profiling in early-stage chronic lymphocytic leukemia identifies transcriptional fingerprints with relevance in clinical outcome. <i>Blood Cancer Journal</i> , 2016, 6, e468-e468. | 2.8 | 47 |
| 96 | Mutations and Drugs Portal (MDP): A Database Linking Drug Response Data and Genomic Information. , 2016, , . | | 0 |
| 97 | Induction of Expandable Tissue-Specific Stem/Progenitor Cells through Transient Expression of YAP/TAZ. <i>Cell Stem Cell</i> , 2016, 19, 725-737. | 5.2 | 204 |
| 98 | Transcriptional, epigenetic and retroviral signatures identify regulatory regions involved in hematopoietic lineage commitment. <i>Scientific Reports</i> , 2016, 6, 24724. | 1.6 | 18 |
| 99 | Integrative analysis of copy number and gene expression data suggests novel pathogenetic mechanisms in primary myelofibrosis. <i>International Journal of Cancer</i> , 2016, 138, 1657-1669. | 2.3 | 6 |
| 100 | <scp>YAP</scp> enhances the proâ€proliferative transcriptional activity of mutant p53 proteins. <i>EMBO Reports</i> , 2016, 17, 188-201. | 2.0 | 154 |
| 101 | Allosteric modulation of metabotropic glutamate receptor 4 activates IDO1-dependent, immunoregulatory signaling in dendritic cells. <i>Neuropharmacology</i> , 2016, 102, 59-71. | 2.0 | 29 |
| 102 | Human liver-resident CD56 ^{bright} /CD16 ^{neg} NK cells are retained within hepatic sinusoids via the engagement of CCR5 and CXCR6 pathways. <i>Journal of Autoimmunity</i> , 2016, 66, 40-50. | 3.0 | 220 |
| 103 | Ageing: a portrait from gene expression profile in blood cells. <i>Ageing</i> , 2016, 8, 1802-1821. | 1.4 | 15 |
| 104 | Abstract 1449:In vivo targeted silencing of CCR1 and CCR5 repolarizes pro-tumoral myeloid cells in retinoblastoma positive neutrophils with a strong anti-tumor activity. , 2016, , . | | 0 |
| 105 | Generation of human memory stem T cells after haploidentical T-replete hematopoietic stem cell transplantation. <i>Blood</i> , 2015, 125, 2865-2874. | 0.6 | 119 |
| 106 | A multifactorial â€Consensus Signatureâ€™™ by in silico analysis to predict response to neoadjuvant anthracycline-based chemotherapy in triple-negative breast cancer. <i>Npj Breast Cancer</i> , 2015, 1, 15003. | 2.3 | 3 |
| 107 | Prospective Biomarker Analysis of the Randomized CHER-LOB Study Evaluating the Dual Anti-HER2 Treatment With Trastuzumab and Lapatinib Plus Chemotherapy as Neoadjuvant Therapy for HER2-Positive Breast Cancer. <i>Oncologist</i> , 2015, 20, 1001-1010. | 1.9 | 85 |
| 108 | The calcineurin-NFAT pathway controls activity-dependent circadian gene expression in slow skeletal muscle. <i>Molecular Metabolism</i> , 2015, 4, 823-833. | 3.0 | 58 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 109 | Notch is a direct negative regulator of the DNA-damage response. <i>Nature Structural and Molecular Biology</i> , 2015, 22, 417-424. | 3.6 | 68 |
| 110 | Aerobic glycolysis tunes <sc>YAP</sc> / <sc>TAZ</sc> transcriptional activity. <i>EMBO Journal</i> , 2015, 34, 1349-1370. | 3.5 | 306 |
| 111 | Genome-wide association between YAP/TAZ/TEAD and AP-1 at enhancers drives oncogenic growth. <i>Nature Cell Biology</i> , 2015, 17, 1218-1227. | 4.6 | 865 |
| 112 | The tissue inhibitor of metalloproteinases 1 increases the clonogenic efficiency of human hematopoietic progenitor cells through CD63/PI3K/Akt signaling. <i>Experimental Hematology</i> , 2015, 43, 974-985.e1. | 0.2 | 24 |
| 113 | Genome-Wide Definition of Promoter and Enhancer Usage during Neural Induction of Human Embryonic Stem Cells. <i>PLoS ONE</i> , 2015, 10, e0126590. | 1.1 | 4 |
| 114 | MDP, a database linking drug response data to genomic information, identifies dasatinib and statins as a combinatorial strategy to inhibit YAP/TAZ in cancer cells. <i>Oncotarget</i> , 2015, 6, 38854-38865. | 0.8 | 54 |
| 115 | Integrative Analysis of Copy Number and Gene Expression Data Suggests Novel Pathogenetic Mechanisms in Primary Myelofibrosis. <i>Blood</i> , 2015, 126, 2830-2830. | 0.6 | 0 |
| 116 | Transcriptomic Profiling of the Development of the Inflammatory Response in Human Monocytes In Vitro. <i>PLoS ONE</i> , 2014, 9, e87680. | 1.1 | 81 |
| 117 | Gene expression profiling of human fibrocytic myeloid-derived suppressor cells (f-MDSCs). <i>Genomics Data</i> , 2014, 2, 389-392. | 1.3 | 12 |
| 118 | UCbase 2.0: ultraconserved sequences database (2014 update). <i>Database: the Journal of Biological Databases and Curation</i> , 2014, 2014, bau062-bau062. | 1.4 | 19 |
| 119 | Mutant p53 Reprograms TNF Signaling in Cancer Cells through Interaction with the Tumor Suppressor DAB2IP. <i>Molecular Cell</i> , 2014, 56, 617-629. | 4.5 | 136 |
| 120 | Quantitative phenotypic analysis of multistress response in <i>Zygosaccharomyces rouxi</i> complex. <i>FEMS Yeast Research</i> , 2014, 14, 586-600. | 1.1 | 23 |
| 121 | Prolyl isomerase Pin1 controls normal and cancer stem cells of the breast. <i>EMBO Molecular Medicine</i> , 2014, 6, 99-119. | 3.3 | 130 |
| 122 | MafB is a downstream target of the IL-10/STAT3 signaling pathway, involved in the regulation of macrophage de-activation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 955-964. | 1.9 | 27 |
| 123 | YAP/TAZ Incorporation in the β -Catenin Destruction Complex Orchestrates the Wnt Response. <i>Cell</i> , 2014, 158, 157-170. | 13.5 | 873 |
| 124 | Human fibrocytic myeloid-derived suppressor cells express IDO and promote tolerance via Treg cell expansion. <i>European Journal of Immunology</i> , 2014, 44, 3307-3319. | 1.6 | 104 |
| 125 | Characterization of a genetic mouse model of lung cancer: a promise to identify Non-Small Cell Lung Cancer therapeutic targets and biomarkers. <i>BMC Genomics</i> , 2014, 15, S1. | 1.2 | 20 |
| 126 | Comparative genomics revealed key molecular targets to rapidly convert a reference rifamycin-producing bacterial strain into an overproducer by genetic engineering. <i>Metabolic Engineering</i> , 2014, 26, 1-16. | 3.6 | 29 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 127 | Muscle insulin sensitivity and glucose metabolism are controlled by the intrinsic muscle clock. <i>Molecular Metabolism</i> , 2014, 3, 29-41. | 3.0 | 324 |
| 128 | Aryl hydrocarbon receptor control of a disease tolerance defence pathway. <i>Nature</i> , 2014, 511, 184-190. | 13.7 | 574 |
| 129 | In silico analysis of a multifactorial consensus signature (ConSig) for predicting response to anthracycline (A)-based neoadjuvant chemotherapy (NAC) in triple-negative breast cancer (TNBC) patients (pts).. <i>Journal of Clinical Oncology</i> , 2014, 32, 1025-1025. | 0.8 | 1 |
| 130 | Revealing the Generation of Human Memory Stem T Cells in Haploidentical T-Replete Hematopoietic Stem Cell Transplantation. <i>Blood</i> , 2014, 124, 192-192. | 0.6 | 0 |
| 131 | IL-7 and IL-15 instruct the generation of human memory stem T cells from naive precursors. <i>Blood</i> , 2013, 121, 573-584. | 0.6 | 455 |
| 132 | Cancer gene prioritization by integrative analysis of mRNA expression and DNA copy number data: a comparative review. <i>Briefings in Bioinformatics</i> , 2013, 14, 27-35. | 3.2 | 31 |
| 133 | Proteomic Profile Of CD34+ Cells From Chronic Myeloid Leukemia Patients and From Normal Donors. <i>Blood</i> , 2013, 122, 2712-2712. | 0.6 | 0 |
| 134 | Role of TAZ as Mediator of Wnt Signaling. <i>Cell</i> , 2012, 151, 1443-1456. | 13.5 | 419 |
| 135 | Comparative genomics and transcriptional profiles of <i>Saccharopolyspora erythraea</i> NRRL 2338 and a classically improved erythromycin over-producing strain. <i>Microbial Cell Factories</i> , 2012, 11, 32. | 1.9 | 36 |
| 136 | SHARP1 suppresses breast cancer metastasis by promoting degradation of hypoxia-inducible factors. <i>Nature</i> , 2012, 487, 380-384. | 13.7 | 213 |
| 137 | Hmgb3 Is Regulated by MicroRNA-206 during Muscle Regeneration. <i>PLoS ONE</i> , 2012, 7, e43464. | 1.1 | 35 |
| 138 | The Hippo Transducer TAZ Confers Cancer Stem Cell-Related Traits on Breast Cancer Cells. <i>Cell</i> , 2011, 147, 759-772. | 13.5 | 1,115 |
| 139 | Role of YAP/TAZ in mechanotransduction. <i>Nature</i> , 2011, 474, 179-183. | 13.7 | 4,288 |
| 140 | Indoleamine 2,3-dioxygenase is a signaling protein in long-term tolerance by dendritic cells. <i>Nature Immunology</i> , 2011, 12, 870-878. | 7.0 | 577 |
| 141 | <i><i>PREDA</i></i> : an R-package to identify regional variations in genomic data. <i>Bioinformatics</i> , 2011, 27, 2446-2447. | 1.8 | 21 |
| 142 | The Reconstruction of Transcriptional Networks Reveals Critical Genes with Implications for Clinical Outcome of Multiple Myeloma. <i>Clinical Cancer Research</i> , 2011, 17, 7402-7412. | 3.2 | 65 |
| 143 | Tumor-Induced Tolerance and Immune Suppression Depend on the C/EBP β Transcription Factor. <i>Immunity</i> , 2010, 32, 790-802. | 6.6 | 782 |
| 144 | PTPN11 mutations in childhood acute lymphoblastic leukemia occur as a secondary event associated with high hyperdiploidy. <i>Leukemia</i> , 2010, 24, 232-235. | 3.3 | 17 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 145 | Metabotropic glutamate receptor-4 modulates adaptive immunity and restrains neuroinflammation. <i>Nature Medicine</i> , 2010, 16, 897-902. | 15.2 | 138 |
| 146 | Integrative Genomics Analyses Reveal Molecularly Distinct Subgroups of B-Cell Chronic Lymphocytic Leukemia Patients with 13q14 Deletion. <i>Clinical Cancer Research</i> , 2010, 16, 5641-5653. | 3.2 | 52 |
| 147 | Impact of probe annotation on the integration of miRNA-mRNA expression profiles for miRNA target detection. <i>Nucleic Acids Research</i> , 2010, 38, e97-e97. | 6.5 | 7 |
| 148 | A MicroRNA Targeting Dicer for Metastasis Control. <i>Cell</i> , 2010, 141, 1195-1207. | 13.5 | 619 |
| 149 | Integrated analysis of microRNA and mRNA expression profiles in physiological myelopoiesis: role of hsa-mir-299-5p in CD34+ progenitor cells commitment. <i>Cell Death and Disease</i> , 2010, 1, e28-e28. | 2.7 | 33 |
| 150 | A computational procedure to identify significant overlap of differentially expressed and genomic imbalanced regions in cancer datasets. <i>Nucleic Acids Research</i> , 2009, 37, 5057-5070. | 6.5 | 27 |
| 151 | Microarray data mining using Bioconductor packages. <i>BMC Proceedings</i> , 2009, 3, S9. | 1.8 | 9 |
| 152 | Motif discovery in promoters of genes co-localized and co-expressed during myeloid cells differentiation. <i>Nucleic Acids Research</i> , 2009, 37, 533-549. | 6.5 | 15 |
| 153 | A-MADMAN: Annotation-based microarray data meta-analysis tool. <i>BMC Bioinformatics</i> , 2009, 10, 201. | 1.2 | 38 |
| 154 | Integration of genomic and gene expression data of childhood ALL without known aberrations identifies subgroups with specific genetic hallmarks. <i>Genes Chromosomes and Cancer</i> , 2009, 48, 22-38. | 1.5 | 62 |
| 155 | Identification of microRNA expression patterns and definition of a microRNA/mRNA regulatory network in distinct molecular groups of multiple myeloma. <i>Blood</i> , 2009, 114, e20-e26. | 0.6 | 224 |
| 156 | A Mutant-p53/Smad Complex Opposes p63 to Empower TGF β 2-Induced Metastasis. <i>Cell</i> , 2009, 137, 87-98. | 13.5 | 717 |
| 157 | Phenotypes and gene expression profiles of <i>Saccharopolyspora erythraea</i> rifampicin-resistant (rif) mutants affected in erythromycin production. <i>Microbial Cell Factories</i> , 2009, 8, 18. | 1.9 | 45 |
| 158 | CRITICAL ANALYSIS OF TRANSCRIPTIONAL AND POST-TRANSCRIPTIONAL REGULATORY NETWORKS IN MULTIPLE MYELOMA. , 2009, , 397-408. | | 5 |
| 159 | Unexpected Structural and Functional Consequences of the R33Q Homozygous Mutation in Cardiac Calsequestrin. <i>Circulation Research</i> , 2008, 103, 298-306. | 2.0 | 124 |
| 160 | A COMPUTATIONAL PROCEDURE FOR THE INTEGRATIVE ANALYSIS OF GENOMIC DATA AT THE SINGLE SAMPLE LEVEL. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 243-248. | 0.4 | 0 |
| 161 | Transcriptional profiles in melanocytes from clinically unaffected skin distinguish the neoplastic growth pattern in patients with melanoma. <i>British Journal of Dermatology</i> , 2007, 156, 62-71. | 1.4 | 14 |
| 162 | Complete gene expression profiling of <i>Saccharopolyspora erythraea</i> using GeneChip DNA microarrays. <i>Microbial Cell Factories</i> , 2007, 6, 37. | 1.9 | 25 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 163 | Integrative genomic analysis reveals distinct transcriptional and genetic features associated with chromosome 13 deletion in multiple myeloma. <i>Haematologica</i> , 2007, 92, 56-65. | 1.7 | 34 |
| 164 | Molecular characterization of human multiple myeloma cell lines by integrative genomics: Insights into the biology of the disease. <i>Genes Chromosomes and Cancer</i> , 2007, 46, 226-238. | 1.5 | 62 |
| 165 | Transcriptional features of multiple myeloma patients with chromosome 1q gain. <i>Leukemia</i> , 2007, 21, 1113-1116. | 3.3 | 45 |
| 166 | Upregulation of translational machinery and distinct genetic subgroups characterise hyperdiploidy in multiple myeloma. <i>British Journal of Haematology</i> , 2007, 136, 565-573. | 1.2 | 66 |
| 167 | Novel definition files for human GeneChips based on GeneAnnot. <i>BMC Bioinformatics</i> , 2007, 8, 446. | 1.2 | 93 |
| 168 | Genomic expression during human myelopoiesis. <i>BMC Genomics</i> , 2007, 8, 264. | 1.2 | 31 |
| 169 | A gene expression signature associated with survival in metastatic melanoma. <i>Journal of Translational Medicine</i> , 2006, 4, 50. | 1.8 | 93 |
| 170 | Toward the identification of a tolerogenic signature in IDO-competent dendritic cells. <i>Blood</i> , 2006, 107, 2846-2854. | 0.6 | 183 |
| 171 | Immunophenotype signature as a tool to define prognostic subgroups in childhood acute myeloid leukemia. <i>Leukemia</i> , 2006, 20, 888-891. | 3.3 | 5 |
| 172 | Identification of a molecular signature predictive of sensitivity to differentiation induction in acute myeloid leukemia. <i>Leukemia</i> , 2006, 20, 1751-1758. | 3.3 | 38 |
| 173 | Strategies for comparing gene expression profiles from different microarray platforms: Application to a case-control experiment. <i>Analytical Biochemistry</i> , 2006, 353, 43-56. | 1.1 | 40 |
| 174 | Algorithm for automatic genotype calling of single nucleotide polymorphisms using the full course of TaqMan real-time data. <i>Nucleic Acids Research</i> , 2006, 34, e56-e56. | 6.5 | 10 |
| 175 | A locally adaptive statistical procedure (LAP) to identify differentially expressed chromosomal regions. <i>Bioinformatics</i> , 2006, 22, 2658-2666. | 1.8 | 33 |
| 176 | Tumors induce a subset of inflammatory monocytes with immunosuppressive activity on CD8+ T cells. <i>Journal of Clinical Investigation</i> , 2006, 116, 2777-2790. | 3.9 | 723 |
| 177 | Identification of New Genomic Lesions in Childhood ALL without Known Genetic Aberrations: A Microarray Study of Gene Expression and Genotype Data.. <i>Blood</i> , 2006, 108, 2066-2066. | 0.6 | 0 |
| 178 | Gene expression profiling of plasma cell dyscrasias reveals molecular patterns associated with distinct IGH translocations in multiple myeloma. <i>Oncogene</i> , 2005, 24, 2461-2473. | 2.6 | 118 |
| 179 | Thalidomide Downregulates Angiogenic Genes in Bone Marrow Endothelial Cells of Patients With Active Multiple Myeloma. <i>Journal of Clinical Oncology</i> , 2005, 23, 5334-5346. | 0.8 | 125 |
| 180 | Molecular Classification of Multiple Myeloma: A Distinct Transcriptional Profile Characterizes Patients Expressing CCND1 and Negative for 14q32 Translocations. <i>Journal of Clinical Oncology</i> , 2005, 23, 7296-7306. | 0.8 | 123 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 181 | Marker Identification and Classification of Cancer Types Using Gene Expression Data and SIMCA. <i>Methods of Information in Medicine</i> , 2004, 43, 4-8. | 0.7 | 6 |
| 182 | Acute Leukemia Subclassification: A Marker Protein Expression Perspective. <i>Hematology</i> , 2004, 9, 165-170. | 0.7 | 6 |
| 183 | Gene Expression Profiling of Plasma Cell Dyscrasias: The Role of IGH Translocations in the Heterogeneity of Multiple Myeloma.. <i>Blood</i> , 2004, 104, 4845-4845. | 0.6 | 0 |
| 184 | Marker identification and classification of cancer types using gene expression data and SIMCA. <i>Methods of Information in Medicine</i> , 2004, 43, 4-8. | 0.7 | 2 |
| 185 | Artificial neural network technologies to identify biomarkers for therapeutic intervention. <i>Current Opinion in Molecular Therapeutics</i> , 2004, 6, 616-23. | 2.8 | 5 |
| 186 | Synthetic Peptides Derived from the Angiostatin K4 Domain Inhibit Endothelial Cell Migration. <i>ChemBioChem</i> , 2003, 4, 1238-1242. | 1.3 | 4 |
| 187 | Pattern identification and classification in gene expression data using an autoassociative neural network model. <i>Biotechnology and Bioengineering</i> , 2003, 81, 594-606. | 1.7 | 54 |
| 188 | Computational analysis of flow-cytometry antigen expression profiles in childhood acute lymphoblastic leukemia: an MLL/AF4 identification. <i>Leukemia</i> , 2003, 17, 1557-1565. | 3.3 | 49 |
| 189 | PCA disjoint models for multiclass cancer analysis using gene expression data. <i>Bioinformatics</i> , 2003, 19, 571-578. | 1.8 | 110 |
| 190 | Fermentation Diagnosis by Multivariate Statistical Analysis. <i>Applied Biochemistry and Biotechnology</i> , 2002, 102-103, 049-062. | 1.4 | 7 |
| 191 | Identifying and discriminating seismic patterns leading flank eruptions at Mt. Etna Volcano during 1981-1996. <i>Journal of Volcanology and Geothermal Research</i> , 2001, 106, 211-228. | 0.8 | 9 |
| 192 | Mining of Biological Data I: Identifying Discriminating Features Via Mean Hypothesis Testing. <i>Metabolic Engineering</i> , 2000, 2, 218-227. | 3.6 | 24 |
| 193 | Mining of Biological Data II : Assessing Data Structure and Class Homogeneity by Cluster Analysis. <i>Metabolic Engineering</i> , 2000, 2, 228-238. | 3.6 | 33 |
| 194 | Identifying seismicity patterns leading flank eruptions at Mt. Etna Volcano during 1981-1996. <i>Geophysical Research Letters</i> , 1999, 26, 2105-2108. | 1.5 | 8 |
| 195 | Automation of the liquid-phase synthesis of biopolymers. <i>Journal of Chemical Technology and Biotechnology</i> , 1998, 71, 77-83. | 1.6 | 4 |
| 196 | Database Mining Tools for Bioprocess Analysis. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 1998, 31, 405-410. | 0.4 | 1 |
| 197 | Quantification of Data Clusters for Bioprocess Performance Classification via Artificial Neural Networks. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 1998, 31, 439-444. | 0.4 | 1 |
| 198 | SPPS of difficult sequences. <i>Chemical Biology and Drug Design</i> , 1997, 49, 103-111. | 1.2 | 27 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 199 | A novel algorithm for the coupling control in solid-phase peptide synthesis. Chemical Biology and Drug Design, 1997, 50, 231-237. | 1.2 | 1 |
| 200 | An improved system for automated peptide synthesis. Chemical Engineering and Technology, 1995, 18, 210-215. | 0.9 | 7 |
| 201 | Disjoint PCA models for marker identification and classification of cancer types using gene expression data. , 0, , . | | 3 |
| 202 | A comprehensive molecular and morphological study of the effects of space flight on human capillary endothelial cells: sample quality assessment and preliminary results.. Frontiers in Physiology, 0, 9, . | 1.3 | 3 |