Marcos J AraÃºzo-Bravo

List of Publications by Year
in descending order

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173	10,283	41258	38300
papers	citations	49	95
		h-index	g-index

195	195	195	13787
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pluripotent stem cells induced from adult neural stem cells by reprogramming with two factors. Nature, 2008, 454, 646-650.	13.7	890
2	Oct4-Induced Pluripotency in Adult Neural Stem Cells. Cell, 2009, 136, 411-419.	13.5	858
3	Direct reprogramming of human neural stem cells by OCT4. Nature, 2009, 461, 649-653.	13.7	652
4	Direct Reprogramming of Fibroblasts into Neural Stem Cells by Defined Factors. Cell Stem Cell, 2012, 10, 465-472.	5.2	511
5	Metabolic control of adult neural stem cell activity by Fasn-dependent lipogenesis. Nature, 2013, 493, 226-230.	13.7	448
6	Chromatin-Remodeling Components of the BAF Complex Facilitate Reprogramming. Cell, 2010, 141, 943-955.	13.5	357
7	RNA-sequencing from single nuclei. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 19802-19807.	3.3	321
8	Cell-to-cell expression variability followed by signal reinforcement progressively segregates early mouse lineages. Nature Cell Biology, 2014, 16, 27-37.	4.6	262
9	Induction of Pluripotency in Adult Unipotent Germline Stem Cells. Cell Stem Cell, 2009, 5, 87-96.	5.2	246
10	Epiblast Stem Cell Subpopulations Represent Mouse Embryos of Distinct Pregastrulation Stages. Cell, 2010, 143, 617-627.	13.5	195
11	Direct Reprogramming of Hepatic Myofibroblasts into Hepatocytes InÂVivo Attenuates Liver Fibrosis. Cell Stem Cell, 2016, 18, 797-808.	5.2	181
12	A unique Oct4 interface is crucial for reprogramming to pluripotency. Nature Cell Biology, 2013, 15, 295-301.	4.6	135
13	A mechanism for the segregation of age in mammalian neural stem cells. Science, 2015, 349, 1334-1338.	6.0	129
14	Metabolic flux analysis of pykF gene knockout Escherichia coli based on 13C-labeling experiments together with measurements of enzyme activities and intracellular metabolite concentrations. Applied Microbiology and Biotechnology, 2004, 63, 407-417.	1.7	128
15	FGF signalling inhibits neural induction in human embryonic stem cells. EMBO Journal, 2011, 30, 4874-4884.	3.5	123
16	Human primordial germ cell commitment inÂvitro associates with a unique PRDM14 expression profile. EMBO Journal, 2015, 34, 1009-1024.	3.5	122
17	SOX9 Elevation Acts with Canonical WNT Signaling to Drive Gastric Cancer Progression. Cancer Research, 2016, 76, 6735-6746.	0.4	115
18	Initiation of trophectoderm lineage specification in mouse embryos is independent of Cdx2. Development (Cambridge), 2010, 137, 4159-4169.	1.2	113

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19	Direct reprogramming of fibroblasts into epiblast stem cells. Nature Cell Biology, 2011, 13, 66-71.	4.6	111
20	Isolation of Novel Multipotent Neural Crest-Derived Stem Cells from Adult Human Inferior Turbinate. Stem Cells and Development, 2012, 21, 742-756.	1.1	106
21	Distinct Developmental Ground States of Epiblast Stem Cell Lines Determine Different Pluripotency Features. Stem Cells, 2011, 29, 1496-1503.	1.4	98
22	Direct Induction of Trophoblast Stem Cells from Murine Fibroblasts. Cell Stem Cell, 2015, 17, 557-568.	5.2	93
23	Effect of a pyruvate kinase (pykF-gene) knockout mutation on the control of gene expression and metabolic fluxes inEscherichia coli. FEMS Microbiology Letters, 2004, 235, 25-33.	0.7	92
24	Stepwise Clearance of Repressive Roadblocks Drives Cardiac Induction in Human ESCs. Cell Stem Cell, 2016, 18, 341-353.	5.2	89
25	Metabolic flux analysis for appcmutantEscherichia colibased on13C-labelling experiments together with enzyme activity assays and intracellular metabolite measurements. FEMS Microbiology Letters, 2004, 235, 17-23.	0.7	88
26	Modular architecture of protein structures and allosteric communications: potential implications for signaling proteins and regulatory linkages. Genome Biology, 2007, 8, R92.	13.9	86
27	ART culture conditions change the probability of mouse embryo gestation through defined cellular and molecular responses. Human Reproduction, 2012, 27, 2627-2640.	0.4	86
28	Human adult germline stem cells in question. Nature, 2010, 465, E1-E1.	13.7	82
29	Derivation and Maintenance of Murine Trophoblast Stem Cells under Defined Conditions. Stem Cell Reports, 2014, 2, 232-242.	2.3	82
30	Distinct Neurodegenerative Changes in an Induced Pluripotent Stem Cell Model of Frontotemporal Dementia Linked to Mutant TAU Protein. Stem Cell Reports, 2015, 5, 83-96.	2.3	82
31	DNA methylation regulates discrimination of enhancers from promoters through a H3K4me1-H3K4me3 seesaw mechanism. BMC Genomics, 2017, 18, 964.	1.2	80
32	Generation of induced pluripotent stem cells from neural stem cells. Nature Protocols, 2009, 4, 1464-1470.	5.5	79
33	Esrrb Unlocks Silenced Enhancers for Reprogramming to Naive Pluripotency. Cell Stem Cell, 2018, 23, 266-275.e6.	5.2	79
34	Universal Cardiac Induction of Human Pluripotent Stem Cells in Two and Three-Dimensional Formats: Implications for In Vitro Maturation. Stem Cells, 2015, 33, 1456-1469.	1.4	76
35	Astrocyte pathology in a human neural stem cell model of frontotemporal dementia caused by mutant TAU protein. Scientific Reports, 2017, 7, 42991.	1.6	76
36	Therapeutic HNF4A mRNA attenuates liver fibrosis in a preclinical model. Journal of Hepatology, 2021, 75, 1420-1433.	1.8	70

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37	Direct conversion of mouse fibroblasts into induced neural stem cells. Nature Protocols, 2014, 9, 871-881.	5.5	69
38	Estimating the magnetization direction of sources from southeast Bulgaria through correlation between reducedâ€toâ€theâ€pole and total magnitude anomalies. Geophysical Prospecting, 2009, 57, 491-505.	1.0	68
39	Erythroid differentiation of human induced pluripotent stem cells is independent of donor cell type of origin. Haematologica, 2015, 100, 32-41.	1.7	67
40	Human Dermal Fibroblast Subpopulations Are Conserved across Single-Cell RNA Sequencing Studies. Journal of Investigative Dermatology, 2021, 141, 1735-1744.e35.	0.3	67
41	Automatic interpretation of magnetic data based on Euler deconvolution with unprescribed structural index. Computers and Geosciences, 2003, 29, 949-960.	2.0	65
42	Reprogramming to pluripotency is an ancient trait of vertebrate Oct4 and Pou2 proteins. Nature Communications, 2012, 3, 1279.	5.8	64
43	Automatization of a penicillin production process with soft sensors and an adaptive controller based on neuro fuzzy systems. Control Engineering Practice, 2004, 12, 1073-1090.	3.2	60
44	Inhibition of TGFÎ² Signaling Promotes Ground State Pluripotency. Stem Cell Reviews and Reports, 2014, 10, 16-30.	5.6	60
45	Dissecting the role of distinct OCT4-SOX2 heterodimer configurations in pluripotency. Scientific Reports, 2015, 5, 13533.	1.6	58
46	GAA Deficiency in Pompe Disease Is Alleviated by Exon Inclusion in iPSC-Derived Skeletal Muscle Cells. Molecular Therapy - Nucleic Acids, 2017, 7, 101-115.	2.3	56
47	Induction of pluripotency in human cord blood unrestricted somatic stem cells. Experimental Hematology, 2010, 38, 809-818.e2.	0.2	55
48	An improved method for statistical analysis of metabolic flux analysis using isotopomer mapping matrices with analytical expressions. Journal of Biotechnology, 2003, 105, 117-133.	1.9	54
49	Effect of cra gene knockout together with edd and iclR genes knockout on the metabolism in Escherichia coli. Archives of Microbiology, 2008, 190, 559-571.	1.0	54
50	Conversion of adult mouse unipotent germline stem cells into pluripotent stem cells. Nature Protocols, 2010, 5, 921-928.	5.5	52
51	Effect of a pyruvate kinase (pykF-gene) knockout mutation on the control of gene expression and metabolic fluxes in Escherichia coli. FEMS Microbiology Letters, 2004, 235, 25-33.	0.7	52
52	Sequence-Dependent Conformational Energy of DNA Derived from Molecular Dynamics Simulations:Â Toward Understanding the Indirect Readout Mechanism in Proteinâ"DNA Recognition. Journal of the American Chemical Society, 2005, 127, 16074-16089.	6.6	50
53	Oct4â€induced oligodendrocyte progenitor cells enhance functional recovery in spinal cord injury model. EMBO Journal, 2015, 34, 2971-2983.	3.5	49
54	Identification of genes specific to mouse primordial germ cells through dynamic global gene expression. Human Molecular Genetics, 2011, 20, 115-125.	1.4	45

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55	Enhanced Ex Vivo Generation of Erythroid Cells from Human Induced Pluripotent Stem Cells in a Simplified Cell Culture System with Low Cytokine Support. Stem Cells and Development, 2019, 28, 1540-1551.	1.1	45
56	Changing <scp>POU</scp> dimerization preferences converts Oct6 into a pluripotency inducer. EMBO Reports, 2017, 18, 319-333.	2.0	42
57	Transcription Factor TFAP2C Regulates Major Programs Required for Murine Fetal Germ Cell Maintenance and Haploinsufficiency Predisposes to Teratomas in Male Mice. PLoS ONE, 2013, 8, e71113.	1.1	41
58	Origin-Dependent Neural Cell Identities in Differentiated Human iPSCs InÂVitro and after Transplantation into the Mouse Brain. Cell Reports, 2014, 8, 1697-1703.	2.9	41
59	Targeting liver sinusoidal endothelial cells with mi<scp>R</scp>â€20aâ€loaded nanoparticles reduces murine colon cancer metastasis to the liver. International Journal of Cancer, 2018, 143, 709-719.	2.3	41
60	Calculation of magnitude magnetic transforms with high centricity and low dependence on the magnetization vector direction. Geophysics, 2006, 71, I21-I30.	1.4	40
61	Genome-wide hypomethylation of LINE-1 and Alu retroelements in cell-free DNA of blood is an epigenetic biomarker of human aging. Saudi Journal of Biological Sciences, 2018, 25, 1220-1226.	1.8	39
62	Revised roles of ISL1 in a hES cell-based model of human heart chamber specification. ELife, 2018, 7, .	2.8	38
63	HuR/ELAVL1 drives malignant peripheral nerve sheath tumor growth and metastasis. Journal of Clinical Investigation, 2020, 130, 3848-3864.	3.9	38
64	Metabolic flux analysis for a ppc mutant Escherichia coli based on 13C-labelling experiments together with enzyme activity assays and intracellular metabolite measurements. FEMS Microbiology Letters, 2004, 235, 17-23.	0.7	37
65	ReadOut: structure-based calculation of direct and indirect readout energies and specificities for protein-DNA recognition. Nucleic Acids Research, 2006, 34, W124-W127.	6.5	36
66	Epigenetic Hierarchy Governing Nestin Expression. Stem Cells, 2009, 27, 1088-1097.	1.4	35
67	Neural Induction Intermediates Exhibit Distinct Roles of Fgf Signaling. Stem Cells, 2010, 28, 1772-1781.	1.4	35
68	Unrestricted somatic stem cells (USSC) from human umbilical cord blood display uncommitted epigenetic signatures of the major stem cell pluripotency genes. Stem Cell Research, 2011, 6, 60-69.	0.3	35
69	MicroRNA-199a-5p inhibition enhances the liver repopulation ability of human embryonic stem cell-derived hepatic cells. Journal of Hepatology, 2015, 62, 101-110.	1.8	35
70	Permissive epigenomes endow reprogramming competence to transcriptional regulators. Nature Chemical Biology, 2021, 17, 47-56.	3.9	35
71	Concise Review: Challenging the Pluripotency of Human Testis-Derived ESC-like Cells. Stem Cells, 2011, 29, 1165-1169.	1.4	33
72	FLT3 activation cooperates with MLL-AF4 fusion protein to abrogate the hematopoietic specification of human ESCs. Blood, 2013, 121, 3867-3878.	0.6	33

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73	Human Bone Marrow Stromal Cells Lose Immunosuppressive and Anti-inflammatory Properties upon Oncogenic Transformation. Stem Cell Reports, 2014, 3, 606-619.	2.3	33
74	Disclosing the crosstalk among DNA methylation, transcription factors, and histone marks in human pluripotent cells through discovery of DNA methylation motifs. Genome Research, 2013, 23, 2013-2029.	2.4	32
75	Identification and Characterization of the Dermal Panniculus Carnosus Muscle Stem Cells. Stem Cell Reports, 2016, 7, 411-424.	2.3	30
76	Signal Integration and Transcriptional Regulation of the Inflammatory Response Mediated by the GM-/M-CSF Signaling Axis in Human Monocytes. Cell Reports, 2019, 29, 860-872.e5.	2.9	29
77	Efficient Hematopoietic Redifferentiation of Induced Pluripotent Stem Cells Derived from Primitive Murine Bone Marrow Cells. Stem Cells and Development, 2012, 21, 689-701.	1.1	28
78	Distinct Signaling Requirements for the Establishment of ESC Pluripotency in Late-Stage EpiSCs. Cell Reports, 2016, 15, 787-800.	2.9	28
79	A Global Transcriptome Analysis Reveals Molecular Hallmarks of Neural Stem Cell Death, Survival, and Differentiation in Response to Partial FGF-2 and EGF Deprivation. PLoS ONE, 2013, 8, e53594.	1.1	28
80	SOX9 promotes tumor progression through the axis BMI1-p21CIP. Scientific Reports, 2020, 10, 357.	1.6	27
81	A Novel Feeder-Free Culture System for Expansion of Mouse Spermatogonial Stem Cells. Molecules and Cells, 2014, 37, 473-479.	1.0	26
82	Human Adult White Matter Progenitor Cells Are Multipotent Neuroprogenitors Similar to Adult Hippocampal Progenitors. Stem Cells Translational Medicine, 2014, 3, 458-469.	1.6	26
83	Brief Report: Evaluating the Potential of Putative Pluripotent Cells Derived from Human Testis. Stem Cells, 2011, 29, 1304-1309.	1.4	25
84	Epigenetic modifications of gene promoter DNA in the liver of adult female mice masculinized by testosterone. Journal of Steroid Biochemistry and Molecular Biology, 2015, 145, 121-130.	1.2	25
85	Reprogramming competence of OCT factors is determined by transactivation domains. Science Advances, 2020, 6, .	4.7	25
86	Conversion of genomic imprinting by reprogramming and redifferentiation. Journal of Cell Science, 2013, 126, 2516-24.	1.2	24
87	Unreserved application of epigenetic methods to define differences of DNA methylation between urinary cellular and cell-free DNA. Cancer Biomarkers, 2014, 14, 295-302.	0.8	23
88	Atypical Cell Populations Associated with Acquired Resistance to Cytostatics and Cancer Stem Cell Features: The Role of Mitochondria in Nuclear Encapsulation. DNA and Cell Biology, 2014, 33, 749-774.	0.9	23
89	Reiterative infusions of MSCs improve pediatric osteogenesis imperfecta eliciting a proâ€osteogenic paracrine response: TERCELOI clinical trial. Clinical and Translational Medicine, 2021, 11, e265.	1.7	23
90	Autologous Pluripotent Stem Cells Generated from Adult Mouse Testicular Biopsy. Stem Cell Reviews and Reports, 2012, 8, 435-444.	5.6	22

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91	Inflammaging and Frailty Status Do Not Result in an Increased Extracellular Vesicle Concentration in Circulation. International Journal of Molecular Sciences, 2016, 17, 1168.	1.8	22
92	Finite-difference Euler Deconvolution Algorithm Applied to the Interpretation of Magnetic Data from Northern Bulgaria. Pure and Applied Geophysics, 2005, 162, 591-608.	0.8	21
93	Somatic cell nuclear reprogramming of mouse oocytes endures beyond reproductive decline. Aging Cell, 2011, 10, 80-95.	3.0	21
94	Nanog induces hyperplasia without initiating tumors. Stem Cell Research, 2014, 13, 300-315.	0.3	21
95	Hypoxia Induces Pluripotency in Primordial Germ Cells by HIF1Î± Stabilization and Oct4 Deregulation. Antioxidants and Redox Signaling, 2015, 22, 205-223.	2.5	21
96	Sequentially induced motor neurons from human fibroblasts facilitate locomotor recovery in a rodent spinal cord injury model. ELife, 2020, 9, .	2.8	21
97	Indirect readout in drug-DNA recognition: role of sequence-dependent DNA conformation. Nucleic Acids Research, 2007, 36, 376-386.	6.5	20
98	Determination of the parameters of compact ferro-metallic objects with transforms of magnitude magnetic anomalies. Journal of Applied Geophysics, 2004, 55, 173-186.	0.9	19
99	Perivascular Mesenchymal Stem Cells From the Adult Human Brain Harbor No Instrinsic Neuroectodermal but High Mesodermal Differentiation Potential. Stem Cells Translational Medicine, 2015, 4, 1223-1233.	1.6	17
100	Does mouse embryo primordial germ cell activation start before implantation as suggested by single-cell transcriptomics dynamics?. Molecular Human Reproduction, 2016, 22, 208-225.	1.3	17
101	A balanced Oct4 interactome is crucial for maintaining pluripotency. Science Advances, 2022, 8, eabe4375.	4.7	17
102	Reactivation of inactive X chromosome and post-transcriptional reprogramming of Xist in induced pluripotent stem cells. Journal of Cell Science, 2014, 128, 81-7.	1.2	15
103	Genome Scale Modeling to Study the Metabolic Competition between Cells in the Tumor Microenvironment. Cancers, 2021, 13, 4609.	1.7	15
104	Germ Cell Nuclear Factor Regulates Gametogenesis in Developing Gonads. PLoS ONE, 2014, 9, e103985.	1.1	14
105	Generation of Parthenogenetic Induced Pluripotent Stem Cells from Parthenogenetic Neural Stem Cells. Stem Cells, 2009, 27, 2962-2968.	1.4	13
106	Reprogramming to Pluripotency through a Somatic Stem Cell Intermediate. PLoS ONE, 2013, 8, e85138.	1.1	13
107	P3BSseq: parallel processing pipeline software for automatic analysis of bisulfite sequencing data. Bioinformatics, 2017, 33, 428-431.	1.8	13
108	Aberrant methylated key genes of methyl group metabolism within the molecular etiology of urothelial carcinogenesis. Scientific Reports, 2018, 8, 3477.	1.6	13

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109	PR-LncRNA signature regulates glioma cell activity through expression of SOX factors. Scientific Reports, 2018, 8, 12746.	1.6	13
110	Triku: a feature selection method based on nearest neighbors for single-cell data. GigaScience, 2022, 11, .	3.3	13
111	Blockage of the Epithelial-to-Mesenchymal Transition Is Required for Embryonic Stem Cell Derivation. Stem Cell Reports, 2017, 9, 1275-1290.	2.3	12
112	Therapeutic relevance of SOX9 stem cell factor in gastric cancer. Expert Opinion on Therapeutic Targets, 2019, 23, 143-152.	1.5	12
113	Basic Hallmarks of Urothelial Cancer Unleashed in Primary Uroepithelium by Interference with the Epigenetic Master Regulator ODC1. Scientific Reports, 2020, 10, 3808.	1.6	12
114	Reprogramming of two somatic nuclei in the same ooplasm leads to pluripotent embryonic stem cells. Stem Cells, 2013, 31, 2343-2353.	1.4	11
115	Counteracting Activities of OCT4 and KLF4 during Reprogramming to Pluripotency. Stem Cell Reports, 2014, 2, 351-365.	2.3	11
116	Establishment of feeder-free culture system for human induced pluripotent stem cell on DAS nanocrystalline graphene. Scientific Reports, 2016, 6, 20708.	1.6	11
117	Protective vaccination and blood-stage malaria modify DNA methylation of gene promoters in the liver of Balb/c mice. Parasitology Research, 2017, 116, 1463-1477.	0.6	11
118	GABA-B1 Receptor-Null Schwann Cells Exhibit Compromised In Vitro Myelination. Molecular Neurobiology, 2019, 56, 1461-1474.	1.9	11
119	MaGSoundDST â€" 3D automatic inversion of magnetic and gravity data based on the differential similarity transform. Geophysics, 2010, 75, L25-L38.	1.4	10
120	DNA Replication Is an Integral Part of the Mouse Oocyteâ€™s Reprogramming Machinery. PLoS ONE, 2014, 9, e97199.	1.1	10
121	Rules governing the mechanism of epigenetic reprogramming memory. Epigenomics, 2018, 10, 149-174.	1.0	10
122	Oct4 and Hnf4Î±-induced hepatic stem cells ameliorate chronic liver injury in liver fibrosis model. PLoS ONE, 2019, 14, e0221085.	1.1	10
123	Depth and shape estimates from simultaneous inversion of magnetic fields and their gradient components using differential similarity transforms. Geophysical Prospecting, 2009, 57, 707-717.	1.0	9
124	Increased robustness of early embryogenesis through collective decision-making by key transcription factors. BMC Systems Biology, 2015, 9, 23.	3.0	9
125	Gene expression of the liver of vaccination-protected mice in response to early patent infections of Plasmodium chabaudi blood-stage malaria. Malaria Journal, 2018, 17, 215.	0.8	9
126	Role of Furin in Colon Cancer Stem Cells Malignant Phenotype and Expression of LGR5 and NANOG in KRAS and BRAF-Mutated Colon Tumors. Cancers, 2022, 14, 1195.	1.7	9

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127	Genealogy of the neurodegenerative diseases based on a meta-analysis of age-stratified incidence data. Scientific Reports, 2020, 10, 18923.	1.6	8
128	Discovery and Proof-of-Concept Study of Nuclease Activity as a Novel Biomarker for Breast Cancer Tumors. Cancers, 2021, 13, 276.	1.7	8
129	Dimensionality of amino acid space and solvent accessibility prediction with neural networks. Computational Biology and Chemistry, 2006, 30, 160-168.	1.1	7
130	Efficient Derivation of Pluripotent Stem Cells from siRNA-MediatedCdx2-Deficient Mouse Embryos. Stem Cells and Development, 2011, 20, 485-493.	1.1	7
131	Computational analysis of single-cell transcriptomics data elucidates the stabilization of Oct4 expression in the E3.25 mouse preimplantation embryo. Scientific Reports, 2019, 9, 8930.	1.6	7
132	The K_{2P}â€channel TASK1 affects Oligodendroglial differentiation but not myelin restoration. Glia, 2019, 67, 870-883.	2.5	7
133	An Integrative Omics Approach Reveals Involvement of BRCA1 in Hepatic Metastatic Progression of Colorectal Cancer. Cancers, 2020, 12, 2380.	1.7	7
134	Vaccination accelerates hepatic erythroblastosis induced by blood-stage malaria. Malaria Journal, 2020, 19, 49.	0.8	7
135	Epigenetics in the Diagnosis and Therapy of Malignant Melanoma. International Journal of Molecular Sciences, 2022, 23, 1531.	1.8	7
136	Automatic inversion of magnetic anomalies from two height levels using finite-difference similarity transforms. Geophysics, 2006, 71, L75-L86.	1.4	6
137	ReXSpecies â€“ a tool for the analysis of the evolution of gene regulation across species. BMC Evolutionary Biology, 2008, 8, 111.	3.2	6
138	Testosterone persistently dysregulates hepatic expression of Tlr6 and Tlr8 induced by Plasmodium chabaudi malaria. Parasitology Research, 2014, 113, 3609-3620.	0.6	6
139	Comparative transcriptome analysis in induced neural stem cells reveals defined neural cell identities in vitro and after transplantation into the adult rodent brain. Stem Cell Research, 2016, 16, 776-781.	0.3	6
140	The need to reassess single-cell RNA sequencing datasets: more is not always better. F1000Research, 2021, 10, 767.	0.8	6
141	Three-dimensional interpretation of magnetic and gravity anomalies using the finite-difference similarity transform. Geophysics, 2010, 75, L79-L90.	1.4	5
142	Comprehensive Human Transcription Factor Binding Site Map for Combinatory Binding Motifs Discovery. PLoS ONE, 2012, 7, e49086.	1.1	5
143	Sox2 Level Is a Determinant of Cellular Reprogramming Potential. PLoS ONE, 2013, 8, e67594.	1.1	5
144	Functional high-resolution time-course expression analysis of human embryonic stem cells undergoing cardiac induction. Genomics Data, 2016, 10, 71-74.	1.3	5

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145	NaviSE: superenhancer navigator integrating epigenomics signal algebra. BMC Bioinformatics, 2017, 18, 296.	1.2	5
146	GeromiRs Are Downregulated in the Tumor Microenvironment during Colon Cancer Colonization of the Liver in a Murine Metastasis Model. International Journal of Molecular Sciences, 2021, 22, 4819.	1.8	5
147	BAF Complex Enhances Reprogramming of Adult Human Fibroblasts. Journal of Stem Cell Research & Therapy, 2016, 06, .	0.3	5
148	Protein Sequence and Structure Databases: A Review. Current Analytical Chemistry, 2005, 1, 355-371.	0.6	4
149	Challenges and Opportunities for the Translation of Single-Cell RNA Sequencing Technologies to Dermatology. Life, 2022, 12, 67.	1.1	4
150	Knowledge-based prediction of DNA atomic structure from nucleic sequence. Genome Informatics, 2005, 16, 12-21.	0.4	4
151	Blood-stage malaria of Plasmodium chabaudi induces differential Tlr expression in the liver of susceptible and vaccination-protected Balb/c mice. Parasitology Research, 2016, 115, 1835-1843.	0.6	3
152	Proprotein convertases blockage up-regulates specifically metallothioneins coding genes in human colon cancer stem cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 118912.	1.9	3
153	The need to reassess single-cell RNA sequencing datasets: the importance of biological sample processing. F1000Research, 0, 10, 767.	0.8	3
154	How well Fuzzy ARTMAP approximates functions?. Journal of Intelligent and Fuzzy Systems, 2013, 25, 335-350.	0.8	2
155	Recurrent abdominal panniculitis in a Peruvian man. International Journal of Dermatology, 2016, 55, 1057-1059.	0.5	2
156	BigMPI4py: Python Module for Parallelization of Big Data Objects Discloses Germ Layer Specific DNA Demethylation Motifs. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2022, 19, 1507-1522.	1.9	2
157	The common incidence-age multistep model of neurodegenerative diseases revisited: wider general age range of incidence corresponds to fewer disease steps. Cell and Bioscience, 2022, 12, 11.	2.1	2
158	Computational Biology Methods for Characterization of Pluripotent Cells. Methods in Molecular Biology, 2015, 1357, 195-220.	0.4	1
159	Antisense oligonucleotides promote exon inclusion and correct the common c.-32-13Tâ€‰›â€‰G (IVS1) GAA splicing variant in iPS-derived skeletal muscle cells from Pompe patients. Neuromuscular Disorders, 2017, 27, S161.	0.3	1
160	Protective Vaccination Reshapes Hepatic Response to Blood-Stage Malaria of Genes Preferentially Expressed by NK Cells. Vaccines, 2020, 8, 677.	2.1	1
161	Observing and Manipulating Pluripotency in Normal and Cloned Mouse Embryos. , 2009, , 101-121.		1
162	A Comparison of Three Automatic Interpretation Techniques for Magnetic and Gravity Data. , 2010, , .		1

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163	Vaccination Accelerates Liver-Intrinsic Expression of Megakaryocyte-Related Genes in Response to Blood-Stage Malaria. Vaccines, 2022, 10, 287.	2.1	1
164	2P119 Indirect readout in protein-DNA recognition : evaluation of conformational energy of DNA from molecular dynamics simulations. Seibutsu Butsuri, 2004, 44, S139.	0.0	0
165	2P143 Balance of Direct Readout and Indirect Readout Contributions to Protein-DNA Recognition. Seibutsu Butsuri, 2005, 45, S155.	0.0	0
166	2P145 Molecular Dynamics Simulations of DNA : Application to the Specificity of Protein-DNA Recognition. Seibutsu Butsuri, 2005, 45, S156.	0.0	0
167	Endogenous Ago2 PAR-CLIP reveals novel target genes of deregulated miRNAs in DLBCL. European Journal of Cancer, 2016, 61, S11.	1.3	0
168	FOntCell: Fusion of Ontologies of Cells. Frontiers in Cell and Developmental Biology, 2021, 9, 562908.	1.8	0
169	DISENTANGLING THE ROLE OF TETRANUCLEOTIDES IN THE SEQUENCE-DEPENDENCE OF DNA CONFORMATION: A MOLECULAR DYNAMICS APPROACH. , 2005, , .		0
170	MagSoundDST â€“ Three-dimensional Inversion of Magnetic Data, Based on the Differential Similarity Transform. , 2009, , .		0
171	26 REPROGRAMMING OF TWO SOMATIC NUCLEI IN THE SAME MOUSE OOPLASM LEADS TO PLURIPOTENT NOT TOTIPOTENT EMBRYOS. Reproduction, Fertility and Development, 2013, 25, 160.	0.1	0
172	Reactivation of the inactive X chromosome and post-transcriptional reprogramming of Xist in iPSCs. Development (Cambridge), 2015, 142, e0205-e0205.	1.2	0
173	GAA deficiency in Pompe disease is alleviated by exon inclusion in iPS cell-derived skeletal muscle cells. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, SY30-2.	0.0	0