

Marcos J Arañozo-Bravo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3958694/publications.pdf>

Version: 2024-02-01

173
papers

10,283
citations

41323

49
h-index

38368

95
g-index

195
all docs

195
docs citations

195
times ranked

13787
citing authors

#	ARTICLE	IF	CITATIONS
1	BigMPI4py: Python Module for Parallelization of Big Data Objects Discloses Germ Layer Specific DNA Demethylation Motifs. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2022, 19, 1507-1522.	1.9	2
2	Epigenetics in the Diagnosis and Therapy of Malignant Melanoma. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1531.	1.8	7
3	Challenges and Opportunities for the Translation of Single-Cell RNA Sequencing Technologies to Dermatology. <i>Life</i> , 2022, 12, 67.	1.1	4
4	The common incidence-age multistep model of neurodegenerative diseases revisited: wider general age range of incidence corresponds to fewer disease steps. <i>Cell and Bioscience</i> , 2022, 12, 11.	2.1	2
5	Triku: a feature selection method based on nearest neighbors for single-cell data. <i>GigaScience</i> , 2022, 11, .	3.3	13
6	Vaccination Accelerates Liver-Intrinsic Expression of Megakaryocyte-Related Genes in Response to Blood-Stage Malaria. <i>Vaccines</i> , 2022, 10, 287.	2.1	1
7	Role of Furin in Colon Cancer Stem Cells Malignant Phenotype and Expression of LGR5 and NANOG in KRAS and BRAF-Mutated Colon Tumors. <i>Cancers</i> , 2022, 14, 1195.	1.7	9
8	A balanced Oct4 interactome is crucial for maintaining pluripotency. <i>Science Advances</i> , 2022, 8, eabe4375.	4.7	17
9	Proprotein convertases blockage up-regulates specifically metallothioneins coding genes in human colon cancer stem cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 118912.	1.9	3
10	Permissive epigenomes endow reprogramming competence to transcriptional regulators. <i>Nature Chemical Biology</i> , 2021, 17, 47-56.	3.9	35
11	Discovery and Proof-of-Concept Study of Nuclease Activity as a Novel Biomarker for Breast Cancer Tumors. <i>Cancers</i> , 2021, 13, 276.	1.7	8
12	Reiterative infusions of MSCs improve pediatric osteogenesis imperfecta eliciting a pro-osteogenic paracrine response: TERCELOI clinical trial. <i>Clinical and Translational Medicine</i> , 2021, 11, e265.	1.7	23
13	FOntCell: Fusion of Ontologies of Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 562908.	1.8	0
14	GeromiRs Are Downregulated in the Tumor Microenvironment during Colon Cancer Colonization of the Liver in a Murine Metastasis Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4819.	1.8	5
15	Human Dermal Fibroblast Subpopulations Are Conserved across Single-Cell RNA Sequencing Studies. <i>Journal of Investigative Dermatology</i> , 2021, 141, 1735-1744.e35.	0.3	67
16	Therapeutic HNF4A mRNA attenuates liver fibrosis in a preclinical model. <i>Journal of Hepatology</i> , 2021, 75, 1420-1433.	1.8	70
17	The need to reassess single-cell RNA sequencing datasets: more is not always better. <i>F1000Research</i> , 2021, 10, 767.	0.8	6
18	Genome Scale Modeling to Study the Metabolic Competition between Cells in the Tumor Microenvironment. <i>Cancers</i> , 2021, 13, 4609.	1.7	15

#	ARTICLE	IF	CITATIONS
19	Protective Vaccination Reshapes Hepatic Response to Blood-Stage Malaria of Genes Preferentially Expressed by NK Cells. <i>Vaccines</i> , 2020, 8, 677.	2.1	1
20	An Integrative Omics Approach Reveals Involvement of BRCA1 in Hepatic Metastatic Progression of Colorectal Cancer. <i>Cancers</i> , 2020, 12, 2380.	1.7	7
21	Reprogramming competence of OCT factors is determined by transactivation domains. <i>Science Advances</i> , 2020, 6, .	4.7	25
22	Genealogy of the neurodegenerative diseases based on a meta-analysis of age-stratified incidence data. <i>Scientific Reports</i> , 2020, 10, 18923.	1.6	8
23	Basic Hallmarks of Urothelial Cancer Unleashed in Primary Uroepithelium by Interference with the Epigenetic Master Regulator ODC1. <i>Scientific Reports</i> , 2020, 10, 3808.	1.6	12
24	SOX9 promotes tumor progression through the axis BMI1-p21CIP. <i>Scientific Reports</i> , 2020, 10, 357.	1.6	27
25	HuR/ELAVL1 drives malignant peripheral nerve sheath tumor growth and metastasis. <i>Journal of Clinical Investigation</i> , 2020, 130, 3848-3864.	3.9	38
26	Vaccination accelerates hepatic erythroblastosis induced by blood-stage malaria. <i>Malaria Journal</i> , 2020, 19, 49.	0.8	7
27	Sequentially induced motor neurons from human fibroblasts facilitate locomotor recovery in a rodent spinal cord injury model. <i>ELife</i> , 2020, 9, .	2.8	21
28	GABA-B1 Receptor-Null Schwann Cells Exhibit Compromised In Vitro Myelination. <i>Molecular Neurobiology</i> , 2019, 56, 1461-1474.	1.9	11
29	Oct4 and Hnf4 α -induced hepatic stem cells ameliorate chronic liver injury in liver fibrosis model. <i>PLoS ONE</i> , 2019, 14, e0221085.	1.1	10
30	Signal Integration and Transcriptional Regulation of the Inflammatory Response Mediated by the GM-/M-CSF Signaling Axis in Human Monocytes. <i>Cell Reports</i> , 2019, 29, 860-872.e5.	2.9	29
31	Enhanced Ex Vivo Generation of Erythroid Cells from Human Induced Pluripotent Stem Cells in a Simplified Cell Culture System with Low Cytokine Support. <i>Stem Cells and Development</i> , 2019, 28, 1540-1551.	1.1	45
32	Computational analysis of single-cell transcriptomics data elucidates the stabilization of Oct4 expression in the E3.25 mouse preimplantation embryo. <i>Scientific Reports</i> , 2019, 9, 8930.	1.6	7
33	The K ₂ P _{2.1} channel TASK1 affects Oligodendroglial differentiation but not myelin restoration. <i>Glia</i> , 2019, 67, 870-883.	2.5	7
34	Therapeutic relevance of SOX9 stem cell factor in gastric cancer. <i>Expert Opinion on Therapeutic Targets</i> , 2019, 23, 143-152.	1.5	12
35	Aberrant methylated key genes of methyl group metabolism within the molecular etiology of urothelial carcinogenesis. <i>Scientific Reports</i> , 2018, 8, 3477.	1.6	13
36	Targeting liver sinusoidal endothelial cells with miR-20a α -loaded nanoparticles reduces murine colon cancer metastasis to the liver. <i>International Journal of Cancer</i> , 2018, 143, 709-719.	2.3	41

#	ARTICLE	IF	CITATIONS
37	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
38	Rules governing the mechanism of epigenetic reprogramming memory. Epigenomics, 2018, 10, 149-174.	1.0	10
39	Revised roles of ISL1 in a hES cell-based model of human heart chamber specification. ELife, 2018, 7, .	2.8	38
40	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
41	PR-LncRNA signature regulates glioma cell activity through expression of SOX factors. Scientific Reports, 2018, 8, 12746.	1.6	13
42	Esrrb Unlocks Silenced Enhancers for Reprogramming to Naive Pluripotency. Cell Stem Cell, 2018, 23, 266-275.e6.	5.2	79
43	GAA deficiency in Pompe disease is alleviated by exon inclusion in iPSC cell-derived skeletal muscle cells. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, SY30-2.	0.0	0
44	P3BSseq: parallel processing pipeline software for automatic analysis of bisulfite sequencing data. Bioinformatics, 2017, 33, 428-431.	1.8	13
45	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
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	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
48	Changing <scp>POU</scp> dimerization preferences converts Oct6 into a pluripotency inducer. EMBO Reports, 2017, 18, 319-333.	2.0	42
49	Blockage of the Epithelial-to-Mesenchymal Transition Is Required for Embryonic Stem Cell Derivation. Stem Cell Reports, 2017, 9, 1275-1290.	2.3	12
50	Antisense oligonucleotides promote exon inclusion and correct the common c.-32-13Tâ€™â€™G (IVS1) GAA splicing variant in iPSC-derived skeletal muscle cells from Pompe patients. Neuromuscular Disorders, 2017, 27, S161.	0.3	1
51	NaviSE: superenhancer navigator integrating epigenomics signal algebra. BMC Bioinformatics, 2017, 18, 296.	1.2	5
52	DNA methylation regulates discrimination of enhancers from promoters through a H3K4me1-H3K4me3 seesaw mechanism. BMC Genomics, 2017, 18, 964.	1.2	80
53	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
54	Recurrent abdominal panniculitis in a Peruvian man. International Journal of Dermatology, 2016, 55, 1057-1059.	0.5	2

#	ARTICLE	IF	CITATIONS
55	Establishment of feeder-free culture system for human induced pluripotent stem cell on DAS nanocrystalline graphene. <i>Scientific Reports</i> , 2016, 6, 20708.	1.6	11
56	Direct Reprogramming of Hepatic Myofibroblasts into Hepatocytes In Vivo Attenuates Liver Fibrosis. <i>Cell Stem Cell</i> , 2016, 18, 797-808.	5.2	181
57	Blood-stage malaria of <i>Plasmodium chabaudi</i> induces differential Tlr expression in the liver of susceptible and vaccination-protected Balb/c mice. <i>Parasitology Research</i> , 2016, 115, 1835-1843.	0.6	3
58	Comparative transcriptome analysis in induced neural stem cells reveals defined neural cell identities in vitro and after transplantation into the adult rodent brain. <i>Stem Cell Research</i> , 2016, 16, 776-781.	0.3	6
59	Functional high-resolution time-course expression analysis of human embryonic stem cells undergoing cardiac induction. <i>Genomics Data</i> , 2016, 10, 71-74.	1.3	5
60	Identification and Characterization of the Dermal Panniculus Carnosus Muscle Stem Cells. <i>Stem Cell Reports</i> , 2016, 7, 411-424.	2.3	30
61	SOX9 Elevation Acts with Canonical WNT Signaling to Drive Gastric Cancer Progression. <i>Cancer Research</i> , 2016, 76, 6735-6746.	0.4	115
62	Endogenous Ago2 PAR-CLIP reveals novel target genes of deregulated miRNAs in DLBCL. <i>European Journal of Cancer</i> , 2016, 61, S11.	1.3	0
63	Distinct Signaling Requirements for the Establishment of ESC Pluripotency in Late-Stage EpiSCs. <i>Cell Reports</i> , 2016, 15, 787-800.	2.9	28
64	Stepwise Clearance of Repressive Roadblocks Drives Cardiac Induction in Human ESCs. <i>Cell Stem Cell</i> , 2016, 18, 341-353.	5.2	89
65	Does mouse embryo primordial germ cell activation start before implantation as suggested by single-cell transcriptomics dynamics?. <i>Molecular Human Reproduction</i> , 2016, 22, 208-225.	1.3	17
66	BAF Complex Enhances Reprogramming of Adult Human Fibroblasts. <i>Journal of Stem Cell Research & Therapy</i> , 2016, 06, .	0.3	5
67	Oct4-induced oligodendrocyte progenitor cells enhance functional recovery in spinal cord injury model. <i>EMBO Journal</i> , 2015, 34, 2971-2983.	3.5	49
68	Dissecting the role of distinct OCT4-SOX2 heterodimer configurations in pluripotency. <i>Scientific Reports</i> , 2015, 5, 13533.	1.6	58
69	Computational Biology Methods for Characterization of Pluripotent Cells. <i>Methods in Molecular Biology</i> , 2015, 1357, 195-220.	0.4	1
70	Universal Cardiac Induction of Human Pluripotent Stem Cells in Two and Three-Dimensional Formats: Implications for In Vitro Maturation. <i>Stem Cells</i> , 2015, 33, 1456-1469.	1.4	76
71	Distinct Neurodegenerative Changes in an Induced Pluripotent Stem Cell Model of Frontotemporal Dementia Linked to Mutant TAU Protein. <i>Stem Cell Reports</i> , 2015, 5, 83-96.	2.3	82
72	Human primordial germ cell commitment <i>in vitro</i> associates with a unique PRDM14 expression profile. <i>EMBO Journal</i> , 2015, 34, 1009-1024.	3.5	122

#	ARTICLE	IF	CITATIONS
73	Direct Induction of Trophoblast Stem Cells from Murine Fibroblasts. <i>Cell Stem Cell</i> , 2015, 17, 557-568.	5.2	93
74	Increased robustness of early embryogenesis through collective decision-making by key transcription factors. <i>BMC Systems Biology</i> , 2015, 9, 23.	3.0	9
75	Erythroid differentiation of human induced pluripotent stem cells is independent of donor cell type of origin. <i>Haematologica</i> , 2015, 100, 32-41.	1.7	67
76	A mechanism for the segregation of age in mammalian neural stem cells. <i>Science</i> , 2015, 349, 1334-1338.	6.0	129
77	Perivascular Mesenchymal Stem Cells From the Adult Human Brain Harbor No Intrinsic Neuroectodermal but High Mesodermal Differentiation Potential. <i>Stem Cells Translational Medicine</i> , 2015, 4, 1223-1233.	1.6	17
78	MicroRNA-199a-5p inhibition enhances the liver repopulation ability of human embryonic stem cell-derived hepatic cells. <i>Journal of Hepatology</i> , 2015, 62, 101-110.	1.8	35
79	Epigenetic modifications of gene promoter DNA in the liver of adult female mice masculinized by testosterone. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 145, 121-130.	1.2	25
80	Hypoxia Induces Pluripotency in Primordial Germ Cells by HIF1 α Stabilization and Oct4 Deregulation. <i>Antioxidants and Redox Signaling</i> , 2015, 22, 205-223.	2.5	21
81	Reactivation of the inactive X chromosome and post-transcriptional reprogramming of <i>Xist</i> in iPSCs. <i>Development (Cambridge)</i> , 2015, 142, e0205-e0205.	1.2	0
82	DNA Replication Is an Integral Part of the Mouse Oocyte's Reprogramming Machinery. <i>PLoS ONE</i> , 2014, 9, e97199.	1.1	10
83	Germ Cell Nuclear Factor Regulates Gametogenesis in Developing Gonads. <i>PLoS ONE</i> , 2014, 9, e103985.	1.1	14
84	Testosterone persistently dysregulates hepatic expression of Tlr6 and Tlr8 induced by Plasmodium chabaudi malaria. <i>Parasitology Research</i> , 2014, 113, 3609-3620.	0.6	6
85	Unreserved application of epigenetic methods to define differences of DNA methylation between urinary cellular and cell-free DNA. <i>Cancer Biomarkers</i> , 2014, 14, 295-302.	0.8	23
86	A Novel Feeder-Free Culture System for Expansion of Mouse Spermatogonial Stem Cells. <i>Molecules and Cells</i> , 2014, 37, 473-479.	1.0	26
87	Origin-Dependent Neural Cell Identities in Differentiated Human iPSCs In Vitro and after Transplantation into the Mouse Brain. <i>Cell Reports</i> , 2014, 8, 1697-1703.	2.9	41
88	Nanog induces hyperplasia without initiating tumors. <i>Stem Cell Research</i> , 2014, 13, 300-315.	0.3	21
89	Derivation and Maintenance of Murine Trophoblast Stem Cells under Defined Conditions. <i>Stem Cell Reports</i> , 2014, 2, 232-242.	2.3	82
90	Direct conversion of mouse fibroblasts into induced neural stem cells. <i>Nature Protocols</i> , 2014, 9, 871-881.	5.5	69

#	ARTICLE	IF	CITATIONS
91	Counteracting Activities of OCT4 and KLF4 during Reprogramming to Pluripotency. <i>Stem Cell Reports</i> , 2014, 2, 351-365.	2.3	11
92	Inhibition of TGF β 2 Signaling Promotes Ground State Pluripotency. <i>Stem Cell Reviews and Reports</i> , 2014, 10, 16-30.	5.6	60
93	Cell-to-cell expression variability followed by signal reinforcement progressively segregates early mouse lineages. <i>Nature Cell Biology</i> , 2014, 16, 27-37.	4.6	262
94	Reactivation of inactive X chromosome and post-transcriptional reprogramming of Xist in induced pluripotent stem cells. <i>Journal of Cell Science</i> , 2014, 128, 81-7.	1.2	15
95	Human Bone Marrow Stromal Cells Lose Immunosuppressive and Anti-inflammatory Properties upon Oncogenic Transformation. <i>Stem Cell Reports</i> , 2014, 3, 606-619.	2.3	33
96	Human Adult White Matter Progenitor Cells Are Multipotent Neuroprogenitors Similar to Adult Hippocampal Progenitors. <i>Stem Cells Translational Medicine</i> , 2014, 3, 458-469.	1.6	26
97	Atypical Cell Populations Associated with Acquired Resistance to Cytostatics and Cancer Stem Cell Features: The Role of Mitochondria in Nuclear Encapsulation. <i>DNA and Cell Biology</i> , 2014, 33, 749-774.	0.9	23
98	RNA-sequencing from single nuclei. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 19802-19807.	3.3	321
99	Disclosing the crosstalk among DNA methylation, transcription factors, and histone marks in human pluripotent cells through discovery of DNA methylation motifs. <i>Genome Research</i> , 2013, 23, 2013-2029.	2.4	32
100	Conversion of genomic imprinting by reprogramming and redifferentiation. <i>Journal of Cell Science</i> , 2013, 126, 2516-24.	1.2	24
101	Metabolic control of adult neural stem cell activity by Fasn-dependent lipogenesis. <i>Nature</i> , 2013, 493, 226-230.	13.7	448
102	Reprogramming of two somatic nuclei in the same ooplasm leads to pluripotent embryonic stem cells. <i>Stem Cells</i> , 2013, 31, 2343-2353.	1.4	11
103	A unique Oct4 interface is crucial for reprogramming to pluripotency. <i>Nature Cell Biology</i> , 2013, 15, 295-301.	4.6	135
104	How well Fuzzy ARTMAP approximates functions?. <i>Journal of Intelligent and Fuzzy Systems</i> , 2013, 25, 335-350.	0.8	2
105	FLT3 activation cooperates with MLL-AF4 fusion protein to abrogate the hematopoietic specification of human ESCs. <i>Blood</i> , 2013, 121, 3867-3878.	0.6	33
106	Sox2 Level Is a Determinant of Cellular Reprogramming Potential. <i>PLoS ONE</i> , 2013, 8, e67594.	1.1	5
107	Transcription Factor TFAP2C Regulates Major Programs Required for Murine Fetal Germ Cell Maintenance and Haploinsufficiency Predisposes to Teratomas in Male Mice. <i>PLoS ONE</i> , 2013, 8, e71113.	1.1	41
108	Reprogramming to Pluripotency through a Somatic Stem Cell Intermediate. <i>PLoS ONE</i> , 2013, 8, e85138.	1.1	13

#	ARTICLE	IF	CITATIONS
109	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
110	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
111	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
112	Reprogramming to pluripotency is an ancient trait of vertebrate Oct4 and Pou2 proteins. Nature Communications, 2012, 3, 1279.	5.8	64
113	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
114	Direct Reprogramming of Fibroblasts into Neural Stem Cells by Defined Factors. Cell Stem Cell, 2012, 10, 465-472.	5.2	511
115	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
116	Comprehensive Human Transcription Factor Binding Site Map for Combinatory Binding Motifs Discovery. PLoS ONE, 2012, 7, e49086.	1.1	5
117	Autologous Pluripotent Stem Cells Generated from Adult Mouse Testicular Biopsy. Stem Cell Reviews and Reports, 2012, 8, 435-444.	5.6	22
118	Somatic cell nuclear reprogramming of mouse oocytes endures beyond reproductive decline. Aging Cell, 2011, 10, 80-95.	3.0	21
119	Direct reprogramming of fibroblasts into epiblast stem cells. Nature Cell Biology, 2011, 13, 66-71.	4.6	111
120	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
121	FGF signalling inhibits neural induction in human embryonic stem cells. EMBO Journal, 2011, 30, 4874-4884.	3.5	123
122	Concise Review: Challenging the Pluripotency of Human Testis-Derived ESC-like Cells. Stem Cells, 2011, 29, 1165-1169.	1.4	33
123	Brief Report: Evaluating the Potential of Putative Pluripotent Cells Derived from Human Testis. Stem Cells, 2011, 29, 1304-1309.	1.4	25
124	Distinct Developmental Ground States of Epiblast Stem Cell Lines Determine Different Pluripotency Features. Stem Cells, 2011, 29, 1496-1503.	1.4	98
125	Identification of genes specific to mouse primordial germ cells through dynamic global gene expression. Human Molecular Genetics, 2011, 20, 115-125.	1.4	45
126	Efficient Derivation of Pluripotent Stem Cells from siRNA-Mediated <i>Cdx2</i> -Deficient Mouse Embryos. Stem Cells and Development, 2011, 20, 485-493.	1.1	7

#	ARTICLE	IF	CITATIONS
127	Three-dimensional interpretation of magnetic and gravity anomalies using the finite-difference similarity transform. <i>Geophysics</i> , 2010, 75, L79-L90.	1.4	5
128	Induction of pluripotency in human cord blood unrestricted somatic stem cells. <i>Experimental Hematology</i> , 2010, 38, 809-818.e2.	0.2	55
129	Neural Induction Intermediates Exhibit Distinct Roles of Fgf Signaling. <i>Stem Cells</i> , 2010, 28, 1772-1781.	1.4	35
130	Human adult germline stem cells in question. <i>Nature</i> , 2010, 465, E1-E1.	13.7	82
131	Conversion of adult mouse unipotent germline stem cells into pluripotent stem cells. <i>Nature Protocols</i> , 2010, 5, 921-928.	5.5	52
132	Initiation of trophoblast lineage specification in mouse embryos is independent of Cdx2. <i>Development (Cambridge)</i> , 2010, 137, 4159-4169.	1.2	113
133	MaGSoundDST – 3D automatic inversion of magnetic and gravity data based on the differential similarity transform. <i>Geophysics</i> , 2010, 75, L25-L38.	1.4	10
134	Chromatin-Remodeling Components of the BAF Complex Facilitate Reprogramming. <i>Cell</i> , 2010, 141, 943-955.	13.5	357
135	Epiblast Stem Cell Subpopulations Represent Mouse Embryos of Distinct Pregastrulation Stages. <i>Cell</i> , 2010, 143, 617-627.	13.5	195
136	A Comparison of Three Automatic Interpretation Techniques for Magnetic and Gravity Data. , 2010, , .		1
137	Generation of Parthenogenetic Induced Pluripotent Stem Cells from Parthenogenetic Neural Stem Cells. <i>Stem Cells</i> , 2009, 27, 2962-2968.	1.4	13
138	Epigenetic Hierarchy Governing Nestin Expression. <i>Stem Cells</i> , 2009, 27, 1088-1097.	1.4	35
139	Estimating the magnetization direction of sources from southeast Bulgaria through correlation between reduced magnetic pole and total magnitude anomalies. <i>Geophysical Prospecting</i> , 2009, 57, 491-505.	1.0	68
140	Depth and shape estimates from simultaneous inversion of magnetic fields and their gradient components using differential similarity transforms. <i>Geophysical Prospecting</i> , 2009, 57, 707-717.	1.0	9
141	Direct reprogramming of human neural stem cells by OCT4. <i>Nature</i> , 2009, 461, 649-653.	13.7	652
142	Generation of induced pluripotent stem cells from neural stem cells. <i>Nature Protocols</i> , 2009, 4, 1464-1470.	5.5	79
143	Oct4-Induced Pluripotency in Adult Neural Stem Cells. <i>Cell</i> , 2009, 136, 411-419.	13.5	858
144	Induction of Pluripotency in Adult Unipotent Germline Stem Cells. <i>Cell Stem Cell</i> , 2009, 5, 87-96.	5.2	246

#	ARTICLE	IF	CITATIONS
145	MagSoundDST â€“ Three-dimensional Inversion of Magnetic Data, Based on the Differential Similarity Transform. , 2009, , .		0
146	Observing and Manipulating Pluripotency in Normal and Cloned Mouse Embryos. , 2009, , 101-121.		1
147	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
148	Pluripotent stem cells induced from adult neural stem cells by reprogramming with two factors. Nature, 2008, 454, 646-650.	13.7	890
149	ReXSpecies â€“ a tool for the analysis of the evolution of gene regulation across species. BMC Evolutionary Biology, 2008, 8, 111.	3.2	6
150	Indirect readout in drug-DNA recognition: role of sequence-dependent DNA conformation. Nucleic Acids Research, 2007, 36, 376-386.	6.5	20
151	Modular architecture of protein structures and allosteric communications: potential implications for signaling proteins and regulatory linkages. Genome Biology, 2007, 8, R92.	13.9	86
152	Calculation of magnitude magnetic transforms with high centricity and low dependence on the magnetization vector direction. Geophysics, 2006, 71, 121-130.	1.4	40
153	Automatic inversion of magnetic anomalies from two height levels using finite-difference similarity transforms. Geophysics, 2006, 71, L75-L86.	1.4	6
154	Dimensionality of amino acid space and solvent accessibility prediction with neural networks. Computational Biology and Chemistry, 2006, 30, 160-168.	1.1	7
155	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
156	2P143 Balance of Direct Readout and Indirect Readout Contributions to Protein-DNA Recognition. Seibutsu Butsuri, 2005, 45, S155.	0.0	0
157	2P145 Molecular Dynamics Simulations of DNA : Application to the Specificity of Protein-DNA Recognition. Seibutsu Butsuri, 2005, 45, S156.	0.0	0
158	Protein Sequence and Structure Databases: A Review. Current Analytical Chemistry, 2005, 1, 355-371.	0.6	4
159	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
160	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
161	DISENTANGLING THE ROLE OF TETRANUCLEOTIDES IN THE SEQUENCE-DEPENDENCE OF DNA CONFORMATION: A MOLECULAR DYNAMICS APPROACH. , 2005, , .		0
162	Knowledge-based prediction of DNA atomic structure from nucleic sequence. Genome Informatics, 2005, 16, 12-21.	0.4	4

#	ARTICLE	IF	CITATIONS
163	Metabolic flux analysis for appcmutant <i>Escherichia coli</i> based on ¹³ C-labelling experiments together with enzyme activity assays and intracellular metabolite measurements. <i>FEMS Microbiology Letters</i> , 2004, 235, 17-23.	0.7	88
164	Effect of a pyruvate kinase (pykF-gene) knockout mutation on the control of gene expression and metabolic fluxes in <i>Escherichia coli</i> . <i>FEMS Microbiology Letters</i> , 2004, 235, 25-33.	0.7	92
165	Metabolic flux analysis of pykF gene knockout <i>Escherichia coli</i> based on ¹³ C-labeling experiments together with measurements of enzyme activities and intracellular metabolite concentrations. <i>Applied Microbiology and Biotechnology</i> , 2004, 63, 407-417.	1.7	128
166	Determination of the parameters of compact ferro-metallic objects with transforms of magnitude magnetic anomalies. <i>Journal of Applied Geophysics</i> , 2004, 55, 173-186.	0.9	19
167	Automatization of a penicillin production process with soft sensors and an adaptive controller based on neuro fuzzy systems. <i>Control Engineering Practice</i> , 2004, 12, 1073-1090.	3.2	60
168	2P119 Indirect readout in protein-DNA recognition : evaluation of conformational energy of DNA from molecular dynamics simulations. <i>Seibutsu Butsuri</i> , 2004, 44, S139.	0.0	0
169	Metabolic flux analysis for a ppc mutant <i>Escherichia coli</i> based on ¹³ C-labelling experiments together with enzyme activity assays and intracellular metabolite measurements. <i>FEMS Microbiology Letters</i> , 2004, 235, 17-23.	0.7	37
170	Effect of a pyruvate kinase (pykF-gene) knockout mutation on the control of gene expression and metabolic fluxes in <i>Escherichia coli</i> . <i>FEMS Microbiology Letters</i> , 2004, 235, 25-33.	0.7	52
171	Automatic interpretation of magnetic data based on Euler deconvolution with unprescribed structural index. <i>Computers and Geosciences</i> , 2003, 29, 949-960.	2.0	65
172	An improved method for statistical analysis of metabolic flux analysis using isotopomer mapping matrices with analytical expressions. <i>Journal of Biotechnology</i> , 2003, 105, 117-133.	1.9	54
173	The need to reassess single-cell RNA sequencing datasets: the importance of biological sample processing. <i>F1000Research</i> , 0, 10, 767.	0.8	3