

Paolo Cinelli

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

72
papers

2,381
citations

27
h-index

47
g-index

84
ext. papers

2,787
ext. citations

5.1
avg, IF

4.64
L-index

#	Paper	IF	Citations
72	Sox10 promotes the formation and maintenance of giant congenital naevi and melanoma. <i>Nature Cell Biology</i> , 2012 , 14, 882-90	23.4	184
71	Expression of neuroserpin, an inhibitor of tissue plasminogen activator, in the developing and adult nervous system of the mouse. <i>Journal of Neuroscience</i> , 1997 , 17, 8984-96	6.6	151
70	Impaired explorative behavior and neophobia in genetically modified mice lacking or overexpressing the extracellular serine protease inhibitor neuroserpin. <i>Molecular and Cellular Neurosciences</i> , 2003 , 23, 473-94	4.8	121
69	Neuroserpin, a neuroprotective factor in focal ischemic stroke. <i>Molecular and Cellular Neurosciences</i> , 2001 , 18, 443-57	4.8	119
68	The axonally secreted serine proteinase inhibitor, neuroserpin, inhibits plasminogen activators and plasmin but not thrombin. <i>Journal of Biological Chemistry</i> , 1998 , 273, 2312-21	5.4	107
67	Assessment of post-laparotomy pain in laboratory mice by telemetric recording of heart rate and heart rate variability. <i>BMC Veterinary Research</i> , 2007 , 3, 16	2.7	102
66	lncRNA maturation to initiate heterochromatin formation in the nucleolus is required for exit from pluripotency in ESCs. <i>Cell Stem Cell</i> , 2014 , 15, 720-34	18	94
65	Neurotrypsin cleaves agrin locally at the synapse. <i>FASEB Journal</i> , 2008 , 22, 1861-73	0.9	92
64	miR-31 functions as a negative regulator of lymphatic vascular lineage-specific differentiation in vitro and vascular development in vivo. <i>Molecular and Cellular Biology</i> , 2010 , 30, 3620-34	4.8	89
63	Probing transcription-specific outputs of Eatenin in vivo. <i>Genes and Development</i> , 2011 , 25, 2631-43	12.6	86
62	Specific proteolytic cleavage of agrin regulates maturation of the neuromuscular junction. <i>Journal of Cell Science</i> , 2010 , 123, 3944-55	5.3	68
61	Antagonistic cross-regulation between Sox9 and Sox10 controls an anti-tumorigenic program in melanoma. <i>PLoS Genetics</i> , 2015 , 11, e1004877	6	59
60	Hemorrhagic shock drives glycocalyx, barrier and organ dysfunction early after polytrauma. <i>Journal of Critical Care</i> , 2018 , 44, 229-237	4	53
59	Transforming growth factor β -mediated Sox10 suppression controls mesenchymal progenitor generation in neural crest stem cells. <i>Stem Cells</i> , 2011 , 29, 689-99	5.8	51
58	Yield and proliferation rate of adipose-derived stromal cells as a function of age, body mass index and harvest site-increasing the yield by use of adherent and supernatant fractions?. <i>Cytotherapy</i> , 2013 , 15, 1098-105	4.8	50
57	Human serine protease HTRA1 positively regulates osteogenesis of human bone marrow-derived mesenchymal stem cells and mineralization of differentiating bone-forming cells through the modulation of extracellular matrix protein. <i>Stem Cells</i> , 2012 , 30, 2271-82	5.8	47
56	Comparative analysis and physiological impact of different tissue biopsy methodologies used for the genotyping of laboratory mice. <i>Laboratory Animals</i> , 2007 , 41, 174-84	2.6	47

55	The Role of the Leukemia Inhibitory Factor (LIF) - Pathway in Derivation and Maintenance of Murine Pluripotent Stem Cells. <i>Genes</i> , 2011 , 2, 280-97	4.2	46
54	Neuronal depolarization enhances the transcription of the neuronal serine protease inhibitor neuroserpin. <i>Molecular and Cellular Neurosciences</i> , 1999 , 14, 455-67	4.8	44
53	Pramel7 mediates LIF/STAT3-dependent self-renewal in embryonic stem cells. <i>Stem Cells</i> , 2011 , 29, 474-85	3.5	34
52	Multiple roles of neurotrypsin in tissue morphogenesis and nervous system development suggested by the mRNA expression pattern. <i>Molecular and Cellular Neurosciences</i> , 2001 , 18, 407-33	4.8	32
51	The Lc3-synthase gene B3gnt5 is essential to pre-implantation development of the murine embryo. <i>BMC Developmental Biology</i> , 2008 , 8, 109	3.1	30
50	Expression profiling in transgenic FVB/N embryonic stem cells overexpressing STAT3. <i>BMC Developmental Biology</i> , 2008 , 8, 57	3.1	30
49	Non-integrating episomal plasmid-based reprogramming of human amniotic fluid stem cells into induced pluripotent stem cells in chemically defined conditions. <i>Cell Cycle</i> , 2016 , 15, 234-49	4.7	29
48	The SCIntinel study--prospective multicenter study to define the spinal cord injury-induced immune depression syndrome (SCI-IDS)--study protocol and interim feasibility data. <i>BMC Neurology</i> , 2013 , 13, 168	3.1	29
47	Analysis of physiological and behavioural parameters in mice after toe clipping as newborns. <i>Laboratory Animals</i> , 2010 , 44, 7-13	2.6	29
46	Direct transplantation of native pericytes from adipose tissue: A new perspective to stimulate healing in critical size bone defects. <i>Cytotherapy</i> , 2016 , 18, 41-52	4.8	27
45	FELASA guidelines for the refinement of methods for genotyping genetically-modified rodents: a report of the Federation of European Laboratory Animal Science Associations Working Group. <i>Laboratory Animals</i> , 2013 , 47, 134-45	2.6	27
44	Accumulation of mutant neuroserpin precedes development of clinical symptoms in familial encephalopathy with neuroserpin inclusion bodies. <i>American Journal of Pathology</i> , 2007 , 170, 1305-13	5.8	27
43	ARTD1 regulates osteoclastogenesis and bone homeostasis by dampening NF- κ B-dependent transcription of IL-1 β . <i>Scientific Reports</i> , 2016 , 6, 21131	4.9	26
42	Proliferation of ASC-derived endothelial cells in a 3D electrospun mesh: impact of bone-biomimetic nanocomposite and co-culture with ASC-derived osteoblasts. <i>Injury</i> , 2014 , 45, 974-80	2.5	26
41	Pramel7 mediates ground-state pluripotency through proteasomal-epigenetic combined pathways. <i>Nature Cell Biology</i> , 2017 , 19, 763-773	23.4	24
40	How to detect a polytrauma patient at risk of complications: A validation and database analysis of four published scales. <i>PLoS ONE</i> , 2020 , 15, e0228082	3.7	22
39	Autologous endothelialized small-caliber vascular grafts engineered from blood-derived induced pluripotent stem cells. <i>Acta Biomaterialia</i> , 2019 , 97, 333-343	10.8	22
38	Artd1/Parp1 regulates reprogramming by transcriptional regulation of Fgf4 via Sox2 ADP-ribosylation. <i>Stem Cells</i> , 2013 , 31, 2364-73	5.8	22

37	Longitudinal in vivo evaluation of bone regeneration by combined measurement of multi-pinhole SPECT and micro-CT for tissue engineering. <i>Scientific Reports</i> , 2015 , 5, 10238	4.9	21
36	Does the time of day in orthopedic trauma surgery affect mortality and complication rates?. <i>Patient Safety in Surgery</i> , 2019 , 13, 8	3	18
35	Genetic vasectomy-overexpression of Prm1-EGFP fusion protein in elongating spermatids causes dominant male sterility in mice. <i>Genesis</i> , 2010 , 48, 151-60	1.9	18
34	Improvement of prognostic performance in severely injured patients by integrated clinico-transcriptomics: a translational approach. <i>Critical Care</i> , 2015 , 19, 414	10.8	15
33	Genetic quality assurance and genetic monitoring of laboratory mice and rats: FELASA Working Group Report. <i>Laboratory Animals</i> , 2020 , 54, 135-148	2.6	13
32	Circulating growth/differentiation factor 15 is associated with human CD56 natural killer cell dysfunction and nosocomial infection in severe systemic inflammation. <i>EBioMedicine</i> , 2019 , 43, 380-391	8.8	12
31	Screw fixation of ACPHT acetabular fractures offers sufficient biomechanical stability when compared to standard buttress plate fixation. <i>BMC Musculoskeletal Disorders</i> , 2019 , 20, 39	2.8	11
30	Automated digital image quantification of histological staining for the analysis of the trilineage differentiation potential of mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2019 , 10, 69	8.3	10
29	Complement Activation and Organ Damage After Trauma-Differential Immune Response Based on Surgical Treatment Strategy. <i>Frontiers in Immunology</i> , 2020 , 11, 64	8.4	10
28	Cross-species genome wide expression analysis during pluripotent cell determination in mouse and rat preimplantation embryos. <i>PLoS ONE</i> , 2012 , 7, e47107	3.7	10
27	Temporal activation of WNT/ β catenin signaling is sufficient to inhibit SOX10 expression and block melanoma growth. <i>Oncogene</i> , 2020 , 39, 4132-4154	9.2	9
26	An Integrated Clinico-transcriptomic Approach Identifies a Central Role of the Heme Degradation Pathway for Septic Complications after Trauma. <i>Annals of Surgery</i> , 2016 , 264, 1125-1134	7.8	9
25	Directing Stem Cell Commitment by Amorphous Calcium Phosphate Nanoparticles Incorporated in PLGA: Relevance of the Free Calcium Ion Concentration. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	8
24	Cyclic uniaxial compression of human stem cells seeded on a bone biomimetic nanocomposite decreases anti-osteogenic commitment evoked by shear stress. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018 , 83, 84-93	4.1	8
23	Modeling the ferrochelatase c.315-48C modifier mutation for erythropoietic protoporphyria (EPP) in mice. <i>DMM Disease Models and Mechanisms</i> , 2017 , 10, 225-233	4.1	8
22	Cartilage/bone interface fabricated under perfusion: Spatially organized commitment of adipose-derived stem cells without medium supplementation. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019 , 107, 1833-1843	3.5	8
21	Adipose-derived stromal cell therapy combined with a short course nonmyeloablative conditioning promotes long-term graft tolerance in vascularized composite allotransplantation. <i>American Journal of Transplantation</i> , 2020 , 20, 1272-1284	8.7	7
20	Effects of seeding adipose-derived stem cells on electrospun nanocomposite used as chest wall graft in a murine model. <i>Injury</i> , 2017 , 48, 2080-2088	2.5	6

19	Response of routine inflammatory biomarkers and novel Pancreatic Stone Protein to inhalation injury and its interference with sepsis detection in severely burned patients. <i>Burns</i> , 2021 , 47, 338-348	2.3	6
18	Expression of Pancreatic Stone Protein is Unaffected by Trauma and Subsequent Surgery in Burn Patients. <i>World Journal of Surgery</i> , 2020 , 44, 3000-3009	3.3	5
17	3D microtissue-derived human stem cells seeded on electrospun nanocomposites under shear stress: Modulation of gene expression. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020 , 102, 103481	4.1	5
16	Identification of Novel Equine (<i>Equus caballus</i>) Tendon Markers Using RNA Sequencing. <i>Genes</i> , 2016 , 7,	4.2	5
15	Morbidity scoring after abdominal surgery. <i>Laboratory Animals</i> , 2016 , 50, 453-458	2.6	5
14	Structural alterations and inflammation in the heart after multiple trauma followed by reamed versus non-reamed femoral nailing. <i>PLoS ONE</i> , 2020 , 15, e0235220	3.7	4
13	Multiparameter telemetry as a sensitive screening method to detect vaccine reactogenicity in mice. <i>PLoS ONE</i> , 2012 , 7, e29726	3.7	4
12	Identification of ALP+/CD73+ defining markers for enhanced osteogenic potential in human adipose-derived mesenchymal stromal cells by mass cytometry. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 7	8.3	4
11	Heterogeneous expression of ACE2 and TMPRRS2 in mesenchymal stromal cells. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 26, 228	5.6	3
10	Protective effects of new femoral reaming techniques (Reamer irrigator aspirator, RIA I and II) on pulmonary function and posttraumatic contusion (CT morphology) - results from a standardized large animal model. <i>Injury</i> , 2021 , 52, 26-31	2.5	3
9	Reaming of femoral fractures with different reaming irrigator aspirator systems shows distinct effects on cardiac function after experimental polytrauma. <i>Journal of Orthopaedic Research</i> , 2020 , 38, 2608-2618	3.8	2
8	Zone-dependent acute circulatory changes in abdominal organs and extremities after resuscitative balloon occlusion of the aorta (REBOA): an experimental model. <i>European Journal of Medical Research</i> , 2021 , 26, 10	4.8	2
7	Prevalence, injury-, and non-injury-related factors associated with anxiety and depression in polytrauma patients - A retrospective 20 year follow-up study. <i>PLoS ONE</i> , 2020 , 15, e0232678	3.7	1
6	Echinomycin did not affect the safety of fracture healing: an experimental pilot study on a murine femur fracture model. <i>Patient Safety in Surgery</i> , 2016 , 10, 7	3	1
5	Early myocardial damage (EMD) and valvular insufficiency result in impaired cardiac function after multiple trauma in pigs. <i>Scientific Reports</i> , 2021 , 11, 1151	4.9	1
4	Assessment of alternative techniques to quantify the effect of injury on soft tissue in closed ankle and pilon fractures.. <i>PLoS ONE</i> , 2022 , 17, e0268359	3.7	1
3	Early myocardial damage (EMD) and valvular dysfunction after femur fracture in pigs. <i>Scientific Reports</i> , 2021 , 11, 8503	4.9	0
2	Damage Control Orthopedics 2021 , 423-430		

1 Cell-Based Therapies for the Treatment of Fractures. *Journal of Orthopaedic Trauma*, **2019**, 33
Suppl 6, S39-S43

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