

Paolo Cinelli

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

2,996
citations

147566

31
h-index

174990

52
g-index

84
all docs

84
docs citations

84
times ranked

4951
citing authors

#	ARTICLE	IF	CITATIONS
1	Sox10 promotes the formation and maintenance of giant congenital naevi and melanoma. <i>Nature Cell Biology</i> , 2012, 14, 882-890.	4.6	232
2	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, 8984-8996.	1.7	157
3	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.	0.7	138
4	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, 473-494.	1.0	133
5	Neuroserpin, a Neuroprotective Factor in Focal Ischemic Stroke. <i>Molecular and Cellular Neurosciences</i> , 2001, 18, 443-457.	1.0	125
6	lncRNA Maturation to Initiate Heterochromatin Formation in the Nucleolus Is Required for Exit from Pluripotency in ESCs. <i>Cell Stem Cell</i> , 2014, 15, 720-734.	5.2	124
7	The Axonally Secreted Serine Proteinase Inhibitor, Neuroserpin, Inhibits Plasminogen Activators and Plasmin but Not Thrombin. <i>Journal of Biological Chemistry</i> , 1998, 273, 2312-2321.	1.6	121
8	Probing transcription-specific outputs of β -catenin in vivo. <i>Genes and Development</i> , 2011, 25, 2631-2643.	2.7	112
9	Neurotrypsin cleaves agrin locally at the synapse. <i>FASEB Journal</i> , 2008, 22, 1861-1873.	0.2	111
10	miR-31 Functions as a Negative Regulator of Lymphatic Vascular Lineage-Specific Differentiation <i>In Vitro</i> and Vascular Development <i>In Vivo</i> . <i>Molecular and Cellular Biology</i> , 2010, 30, 3620-3634.	1.1	102
11	Hemorrhagic shock drives glycocalyx, barrier and organ dysfunction early after polytrauma. <i>Journal of Critical Care</i> , 2018, 44, 229-237.	1.0	89
12	Antagonistic Cross-Regulation between Sox9 and Sox10 Controls an Anti-tumorigenic Program in Melanoma. <i>PLoS Genetics</i> , 2015, 11, e1004877.	1.5	85
13	Specific proteolytic cleavage of agrin regulates maturation of the neuromuscular junction. <i>Journal of Cell Science</i> , 2010, 123, 3944-3955.	1.2	83
14	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, 1098-1105.	0.3	66
15	The Role of the Leukemia Inhibitory Factor (LIF) β Pathway in Derivation and Maintenance of Murine Pluripotent Stem Cells. <i>Genes</i> , 2011, 2, 280-297.	1.0	59
16	Transforming Growth Factor β -Mediated Sox10 Suppression Controls Mesenchymal Progenitor Generation in Neural Crest Stem Cells. <i>Stem Cells</i> , 2011, 29, 689-699.	1.4	59
17	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, 2271-2282.	1.4	56
18	Comparative analysis and physiological impact of different tissue biopsy methodologies used for the genotyping of laboratory mice. <i>Laboratory Animals</i> , 2007, 41, 174-184.	0.5	54

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19	How to detect a polytrauma patient at risk of complications: A validation and database analysis of four published scales. PLoS ONE, 2020, 15, e0228082.	1.1	47
20	Neuronal Depolarization Enhances the Transcription of the Neuronal Serine Protease Inhibitor Neuroserpin. Molecular and Cellular Neurosciences, 1999, 14, 455-467.	1.0	45
21	Multiple Roles of Neurotrypsin in Tissue Morphogenesis and Nervous System Development Suggested by the mRNA Expression Pattern. Molecular and Cellular Neurosciences, 2001, 18, 407-433.	1.0	42
22	The SCIntinel study - prospective multicenter study to define the spinal cord injury-induced immune depression syndrome (SCI-IDS) - study protocol and interim feasibility data. BMC Neurology, 2013, 13, 168.	0.8	41
23	Pramel7 Mediates LIF/STAT3-Dependent Self-Renewal in embryonic Stem Cells. Stem Cells, 2011, 29, 474-485.	1.4	40
24	The Lc3-synthase gene B3gnt5 is essential to pre-implantation development of the murine embryo. BMC Developmental Biology, 2008, 8, 109.	2.1	38
25	Expression profiling in transgenic FVB/N embryonic stem cells overexpressing STAT3. BMC Developmental Biology, 2008, 8, 57.	2.1	37
26	ARTD1 regulates osteoclastogenesis and bone homeostasis by dampening NF- κ B-dependent transcription of IL-1 β . Scientific Reports, 2016, 6, 21131.	1.6	35
27	Analysis of physiological and behavioural parameters in mice after toe clipping as newborns. Laboratory Animals, 2010, 44, 7-13.	0.5	34
28	Accumulation of Mutant Neuroserpin Precedes Development of Clinical Symptoms in Familial Encephalopathy with Neuroserpin Inclusion Bodies. American Journal of Pathology, 2007, 170, 1305-1313.	1.9	33
29	Direct transplantation of native pericytes from adipose tissue: A new perspective to stimulate healing in critical size bone defects. Cytotherapy, 2016, 18, 41-52.	0.3	33
30	Pramel7 mediates ground-state pluripotency through proteasomal and epigenetic combined pathways. Nature Cell Biology, 2017, 19, 763-773.	4.6	33
31	Genetic vasectomy: Overexpression of Prm1-EGFP fusion protein in elongating spermatids causes dominant male sterility in mice. Genesis, 2010, 48, 151-160.	0.8	32
32	FELASA guidelines for the refinement of methods for genotyping genetically-modified rodents. Laboratory Animals, 2013, 47, 134-145.	0.5	32
33	Proliferation of ASC-derived endothelial cells in a 3D electrospun mesh: Impact of bone-biomimetic nanocomposite and co-culture with ASC-derived osteoblasts. Injury, 2014, 45, 974-980.	0.7	32
34	Autologous endothelialized small-caliber vascular grafts engineered from blood-derived induced pluripotent stem cells. Acta Biomaterialia, 2019, 97, 333-343.	4.1	32
35	Does the time of day in orthopedic trauma surgery affect mortality and complication rates?. Patient Safety in Surgery, 2019, 13, 8.	1.1	32
36	Non-integrating episomal plasmid-based reprogramming of human amniotic fluid stem cells into induced pluripotent stem cells in chemically defined conditions. Cell Cycle, 2016, 15, 234-249.	1.3	31

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37	Genetic quality assurance and genetic monitoring of laboratory mice and rats: FELASA Working Group Report. <i>Laboratory Animals</i> , 2020, 54, 135-148.	0.5	29
38	Circulating growth/differentiation factor 15 is associated with human CD56bright natural killer cell dysfunction and nosocomial infection in severe systemic inflammation. <i>EBioMedicine</i> , 2019, 43, 380-391.	2.7	27
39	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.	1.6	26
40	Artd1/Parp1 regulates reprogramming by transcriptional regulation of Fgf4 via Sox2 ADP-ribosylation. <i>Stem Cells</i> , 2013, 31, 2364-2373.	1.4	25
41	Temporal activation of WNT/ β -catenin signaling is sufficient to inhibit SOX10 expression and block melanoma growth. <i>Oncogene</i> , 2020, 39, 4132-4154.	2.6	23
42	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.	2.4	22
43	Improvement of prognostic performance in severely injured patients by integrated clinico-transcriptomics: a translational approach. <i>Critical Care</i> , 2015, 19, 414.	2.5	18
44	Complement Activation and Organ Damage After Trauma—Differential Immune Response Based on Surgical Treatment Strategy. <i>Frontiers in Immunology</i> , 2020, 11, 64.	2.2	18
45	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.	0.8	16
46	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, 2627.	1.8	15
47	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.	2.1	13
48	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.	2.6	13
49	Cross-Species Genome Wide Expression Analysis during Pluripotent Cell Determination in Mouse and Rat Preimplantation Embryos. <i>PLoS ONE</i> , 2012, 7, e47107.	1.1	12
50	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.	1.6	11
51	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.	1.5	10
52	Morbidity scoring after abdominal surgery. <i>Laboratory Animals</i> , 2016, 50, 453-458.	0.5	9
53	Modelling the ferrochelatase c.315-48C modifier mutation for erythropoietic protoporphyria (EPP) in mice. <i>DMM Disease Models and Mechanisms</i> , 2017, 10, 225-233.	1.2	9
54	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.	1.5	8

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55	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.	0.8	8
56	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.	1.1	8
57	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.	2.4	8
58	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.	0.9	8
59	Identification of Novel Equine (<i>Equus caballus</i>) Tendon Markers Using RNA Sequencing. <i>Genes</i> , 2016, 7, 97.	1.0	7
60	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.	0.7	7
61	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.	1.1	7
62	Heterogeneous expression of ACE2 and TMPRSS2 in mesenchymal stromal cells. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 228-234.	1.6	7
63	The local soft tissue status and the prediction of local complications following fractures of the ankle region. <i>Injury</i> , 2022, 53, 1789-1795.	0.7	7
64	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.	1.1	6
65	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.	0.7	6
66	Multiparameter Telemetry as a Sensitive Screening Method to Detect Vaccine Reactogenicity in Mice. <i>PLoS ONE</i> , 2012, 7, e29726.	1.1	5
67	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.	1.1	5
68	Translational research: what is the value of experimental studies in comparison with clinical studies to help understand clinical problems?. <i>European Journal of Trauma and Emergency Surgery</i> , 2018, 44, 645-647.	0.8	3
69	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.	1.2	3
70	Cellular activation status in femoral shaft fracture hematoma following different reaming techniques – A large animal model. <i>Journal of Orthopaedic Research</i> , 2022, , .	1.2	3
71	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.	1.1	2
72	Early myocardial damage (EMD) and valvular insufficiency result in impaired cardiac function after multiple trauma in pigs. <i>Scientific Reports</i> , 2021, 11, 1151.	1.6	2

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73	Early myocardial damage (EMD) and valvular dysfunction after femur fracture in pigs. Scientific Reports, 2021, 11, 8503.	1.6	2
74	The Secret Lives of Pluripotent Cells: There and Back Again. Genes, 2010, 1, 4-8.	1.0	1
75	Post-traumatic growth in polytraumatized patients after 20+ years: a long-term follow-up study of 337 patients treated at a level 1 trauma center. European Journal of Trauma and Emergency Surgery, 0, , .	0.8	1
76	Molecular Mechanisms of Pluripotency in Murine Embryonic Stem Cells. , 2011, , .		0
77	Cell-Based Therapies for the Treatment of Fractures. Journal of Orthopaedic Trauma, 2019, 33, S39-S43.	0.7	0
78	Abstract 3104: PAX3-FOXO1 increases fibroblast reprogramming efficiency and drives self-renewal in alveolar rhabdomyosarcoma. , 2014, , .		0
79	Healing after Traumaâ€”New Knowledge and Procedures for the Benefit of Our Patients. Life, 2022, 12, 611.	1.1	0
80	Effects of Occult Hypoperfusion on Local Circulation and Inflammation - An Analysis in a Standardized Polytrauma Model. Frontiers in Immunology, 0, 13, .	2.2	0
81	Occult hypoperfusion and changes of systemic lipid levels after severe trauma: an analysis in a standardized porcine polytrauma model. European Journal of Trauma and Emergency Surgery, 0, , .	0.8	0