

Ilaria Bellantuono

List of Publications by Year in Descending Order

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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.

51
papers

5,638
citations

27
h-index

55
g-index

55
ext. papers

6,193
ext. citations

6.1
avg, IF

5.67
L-index

#	Paper	IF	Citations
51	Geroprotectors and Skeletal Health: Beyond the Headlines.. <i>Frontiers in Cell and Developmental Biology</i> , 2022 , 10, 682045	5.7	1
50	Zoledronate extends healthspan and survival via the mevalonate pathway in a FOXO-dependent manner. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021 ,	6.4	1
49	The use of geroprotectors to prevent multimorbidity: Opportunities and challenges. <i>Mechanisms of Ageing and Development</i> , 2021 , 193, 111391	5.6	6
48	Optimization of the failure criterion in micro-Finite Element models of the mouse tibia for the non-invasive prediction of its failure load in preclinical applications. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021 , 113, 104190	4.1	5
47	Non-invasive prediction of the mouse tibia mechanical properties from microCT images: comparison between different finite element models. <i>Biomechanics and Modeling in Mechanobiology</i> , 2021 , 20, 941-955	3.8	5
46	miR-24 and its target gene Prdx6 regulate viability and senescence of myogenic progenitors during aging. <i>Aging Cell</i> , 2021 , 20, e13475	9.9	1
45	Tackling immunosenescence to improve COVID-19 outcomes and vaccine response in older adults. <i>The Lancet Healthy Longevity</i> , 2020 , 1, e55-e57	9.5	30
44	A toolbox for the longitudinal assessment of healthspan in aging mice. <i>Nature Protocols</i> , 2020 , 15, 540-578	8.8	38
43	Senescence and Cancer: A Review of Clinical Implications of Senescence and Senotherapies. <i>Cancers</i> , 2020 , 12,	6.6	46
42	Geroprotectors: A role in the treatment of frailty. <i>Mechanisms of Ageing and Development</i> , 2019 , 180, 11-20	5.6	14
41	Modelling physical resilience in ageing mice. <i>Mechanisms of Ageing and Development</i> , 2019 , 177, 91-102	5.6	6
40	An -Ethyl--Nitrosourea (ENU) Mutagenized Mouse Model for Autosomal Dominant Nonsyndromic Kyphoscoliosis Due to Vertebral Fusion. <i>JBMR Plus</i> , 2018 , 2, 154-163	3.9	1
39	Find drugs that delay many diseases of old age. <i>Nature</i> , 2018 , 554, 293-295	50.4	40
38	Does age matter? The impact of rodent age on study outcomes. <i>Laboratory Animals</i> , 2017 , 51, 160-169	2.6	110
37	Longitudinal effects of Parathyroid Hormone treatment on morphological, densitometric and mechanical properties of mouse tibia. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017 , 75, 244-251	4.1	26
36	Modelling ageing and age-related disease. <i>Drug Discovery Today: Disease Models</i> , 2016 , 20, 27-32	1.3	3
35	Building for the future: essential infrastructure for rodent ageing studies. <i>Mammalian Genome</i> , 2016 , 27, 440-4	3.2	

34	Development of a protocol to quantify local bone adaptation over space and time: Quantification of reproducibility. <i>Journal of Biomechanics</i> , 2016 , 49, 2095-2099	2.9	28
33	The chondrocyte clock gene Bmal1 controls cartilage homeostasis and integrity. <i>Journal of Clinical Investigation</i> , 2016 , 126, 365-76	15.9	97
32	Interventions for age-related diseases: Shifting the paradigm. <i>Mechanisms of Ageing and Development</i> , 2016 , 160, 69-92	5.6	41
31	Zoledronate Attenuates Accumulation of DNA Damage in Mesenchymal Stem Cells and Protects Their Function. <i>Stem Cells</i> , 2016 , 34, 756-67	5.8	34
30	Evaluation of in-vivo measurement errors associated with micro-computed tomography scans by means of the bone surface distance approach. <i>Medical Engineering and Physics</i> , 2015 , 37, 1091-7	2.4	19
29	Shared Ageing Research Models (ShARM): a new facility to support ageing research. <i>Biogerontology</i> , 2013 , 14, 789-94	4.5	5
28	Intra-femoral injection of human mesenchymal stem cells. <i>Methods in Molecular Biology</i> , 2013 , 976, 131-41	4.1	6
27	Autosomal dominant hypercalciuria in a mouse model due to a mutation of the epithelial calcium channel, TRPV5. <i>PLoS ONE</i> , 2013 , 8, e55412	3.7	32
26	A small molecule modulator of prion protein increases human mesenchymal stem cell lifespan, ex vivo expansion, and engraftment to bone marrow in NOD/SCID mice. <i>Stem Cells</i> , 2012 , 30, 1134-43	5.8	25
25	Progeroid syndromes: models for stem cell aging?. <i>Biogerontology</i> , 2012 , 13, 63-75	4.5	1
24	Glycogen synthase kinase-3 β inhibition promotes in vivo amplification of endogenous mesenchymal progenitors with osteogenic and adipogenic potential and their differentiation to the osteogenic lineage. <i>Journal of Bone and Mineral Research</i> , 2011 , 26, 811-21	6.3	50
23	Alterations in the self-renewal and differentiation ability of bone marrow mesenchymal stem cells in a mouse model of rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2010 , 12, R149	5.7	42
22	Telomere length dynamics differ in foetal and early post-natal human leukocytes in a longitudinal study. <i>Biogerontology</i> , 2009 , 10, 279-84	4.5	26
21	Aging of marrow stromal (skeletal) stem cells and their contribution to age-related bone loss. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2009 , 1792, 364-70	6.9	68
20	A systems biology approach to Down syndrome: identification of Notch/Wnt dysregulation in a model of stem cells aging. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2009 , 1792, 353-63	6.9	34
19	Direct muscle delivery of GDNF with human mesenchymal stem cells improves motor neuron survival and function in a rat model of familial ALS. <i>Molecular Therapy</i> , 2008 , 16, 2002-10	11.7	194
18	Stem cell ageing: does it happen and can we intervene?. <i>Expert Reviews in Molecular Medicine</i> , 2007 , 9, 1-20	6.7	1456
17	Hematopoietic progenitor cell deficiency in fetuses and children affected by Down's syndrome. <i>Experimental Hematology</i> , 2006 , 34, 1611-5	3.1	20

16	Detection of Wilms tumor antigen--specific CTL in tumor-draining lymph nodes of patients with early breast cancer. <i>Clinical Cancer Research</i> , 2006 , 12, 34-42	12.9	32
15	Marrow stromal cells from patients affected by MPS I differentially support haematopoietic progenitor cell development. <i>Journal of Inherited Metabolic Disease</i> , 2005 , 28, 1045-53	5.4	18
14	Study of telomere length reveals rapid aging of human marrow stromal cells following in vitro expansion. <i>Stem Cells</i> , 2004 , 22, 675-82	5.8	572
13	A small proportion of mesenchymal stem cells strongly expresses functionally active CXCR4 receptor capable of promoting migration to bone marrow. <i>Blood</i> , 2004 , 104, 2643-5	2.2	624
12	Haemopoietic stem cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2004 , 36, 607-20	5.6	37
11	Dendritic cells from CML patients have altered actin organization, reduced antigen processing, and impaired migration. <i>Blood</i> , 2003 , 101, 3560-7	2.2	81
10	High transduction efficiency of circulating first trimester fetal mesenchymal stem cells: potential targets for in utero ex vivo gene therapy. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2002 , 109, 952-4	3.7	20
9	Two distinct HLA-A0201-presented epitopes of the Wilms tumor antigen 1 can function as targets for leukemia-reactive CTL. <i>Blood</i> , 2002 , 100, 3835-7	2.2	105
8	Retrovirally mediated correction of bone marrow-derived mesenchymal stem cells from patients with mucopolysaccharidosis type I. <i>Blood</i> , 2002 , 99, 1857-9	2.2	38
7	Identification of mesenchymal stem/progenitor cells in human first-trimester fetal blood, liver, and bone marrow. <i>Blood</i> , 2001 , 98, 2396-402	2.2	1079
6	Selective elimination of leukemic CD34+ progenitor cells by cytotoxic T lymphocytes specific for WT1. <i>Blood</i> , 2000 , 95, 2198-2203	2.2	352
5	Selective elimination of leukemic CD34+ progenitor cells by cytotoxic T lymphocytes specific for WT1. <i>Blood</i> , 2000 , 95, 2198-2203	2.2	12
4	Selective elimination of leukemic CD34(+) progenitor cells by cytotoxic T lymphocytes specific for WT1. <i>Blood</i> , 2000 , 95, 2198-203	2.2	108
3	The expression of full length Gp91-phox protein is associated with reduced amphotropic retroviral production. <i>Haematologica</i> , 2000 , 85, 451-7	6.6	
2	Long-term in vitro correction of alpha-L-iduronidase deficiency (Hurler syndrome) in human bone marrow. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 2025-30	11.5	46
1	miR-24:Prdx6 interactions regulate oxidative stress and viability of myogenic progenitors during ageing		1