

Lucio Pastore

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.

89 papers	3,220 citations	29 h-index	55 g-index
98 ext. papers	3,684 ext. citations	6.4 avg, IF	4.49 L-index

#	Paper	IF	Citations
89	Missense mutations abolishing DNA binding of the osteoblast-specific transcription factor OSF2/CBFA1 in cleidocranial dysplasia. <i>Nature Genetics</i> , 1997 , 16, 307-10	36.3	490
88	Use of a liver-specific promoter reduces immune response to the transgene in adenoviral vectors. <i>Human Gene Therapy</i> , 1999 , 10, 1773-81	4.8	160
87	Ischemic neoangiogenesis enhanced by beta2-adrenergic receptor overexpression: a novel role for the endothelial adrenergic system. <i>Circulation Research</i> , 2005 , 97, 1182-9	15.7	140
86	miR-519d overexpression is associated with human obesity. <i>Obesity</i> , 2010 , 18, 2170-6	8	128
85	Long-term stable correction of low-density lipoprotein receptor-deficient mice with a helper-dependent adenoviral vector expressing the very low-density lipoprotein receptor. <i>Circulation</i> , 2001 , 103, 1274-81	16.7	126
84	miRNA 34a, 100, and 137 modulate differentiation of mouse embryonic stem cells. <i>FASEB Journal</i> , 2010 , 24, 3255-63	0.9	116
83	Klf5 is involved in self-renewal of mouse embryonic stem cells. <i>Journal of Cell Science</i> , 2008 , 121, 2629-34	3.3	113
82	Long-term stable expression of human apolipoprotein A-I mediated by helper-dependent adenovirus gene transfer inhibits atherosclerosis progression and remodels atherosclerotic plaques in a mouse model of familial hypercholesterolemia. <i>Circulation</i> , 2003 , 107, 2726-32	16.7	108
81	PEGylated helper-dependent adenoviral vectors: highly efficient vectors with an enhanced safety profile. <i>Gene Therapy</i> , 2005 , 12, 579-87	4	101
80	The G-protein-coupled receptor kinase 5 inhibits NFkappaB transcriptional activity by inducing nuclear accumulation of IkappaB alpha. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 17818-23	11.5	93
79	ACE2: The Major Cell Entry Receptor for SARS-CoV-2. <i>Lung</i> , 2020 , 198, 867-877	2.9	88
78	AKT participates in endothelial dysfunction in hypertension. <i>Circulation</i> , 2004 , 109, 2587-93	16.7	73
77	Prolonged transgene expression mediated by a helper-dependent adenoviral vector (hdAd) in the central nervous system. <i>Molecular Therapy</i> , 2000 , 2, 105-13	11.7	71
76	Age-Related Reference Intervals of the Main Biochemical and Hematological Parameters in C57BL/6J, 129SV/EV and C3H/HeJ Mouse Strains. <i>PLoS ONE</i> , 2008 , 3, e3772	3.7	68
75	The performance of poly-epsilon-caprolactone scaffolds in a rabbit femur model with and without autologous stromal cells and BMP4. <i>Biomaterials</i> , 2007 , 28, 3101-9	15.6	61
74	Selective Rac-1 inhibition protects from diabetes-induced vascular injury. <i>Circulation Research</i> , 2006 , 98, 218-25	15.7	60
73	Calmodulin-dependent kinase IV links Toll-like receptor 4 signaling with survival pathway of activated dendritic cells. <i>Blood</i> , 2008 , 111, 723-31	2.2	58

72	Endothelial alpha1-adrenoceptors regulate neo-angiogenesis. <i>British Journal of Pharmacology</i> , 2008 , 153, 936-46	8.6	56
71	Calmodulin-dependent kinase II mediates vascular smooth muscle cell proliferation and is potentiated by extracellular signal regulated kinase. <i>Endocrinology</i> , 2010 , 151, 2747-59	4.8	50
70	Endothelial beta2 adrenergic signaling to AKT: role of Gi and SRC. <i>Cellular Signalling</i> , 2007 , 19, 1949-55	4.9	48
69	A placental growth factor variant unable to recognize vascular endothelial growth factor (VEGF) receptor-1 inhibits VEGF-dependent tumor angiogenesis via heterodimerization. <i>Cancer Research</i> , 2010 , 70, 1804-13	10.1	46
68	Generation of helper-dependent adenoviral vectors by homologous recombination. <i>Molecular Therapy</i> , 2002 , 5, 204-10	11.7	46
67	Hepatocyte gene therapy in a large animal: a neonatal bovine model of citrullinemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999 , 96, 3981-6	11.5	44
66	Helper-dependent adenoviral vector-mediated long-term expression of human apolipoprotein A-I reduces atherosclerosis in apo E-deficient mice. <i>Gene</i> , 2004 , 327, 153-60	3.8	43
65	Differentiation of embryonic stem cells 1 (Dies1) is a component of bone morphogenetic protein 4 (BMP4) signaling pathway required for proper differentiation of mouse embryonic stem cells. <i>Journal of Biological Chemistry</i> , 2010 , 285, 7776-83	5.4	40
64	Direct targets of Klf5 transcription factor contribute to the maintenance of mouse embryonic stem cell undifferentiated state. <i>BMC Biology</i> , 2010 , 8, 128	7.3	39
63	Species differences in the pharmacology and toxicology of PEGylated helper-dependent adenovirus. <i>Molecular Pharmaceutics</i> , 2011 , 8, 78-92	5.6	30
62	Mutant p53 gain of function can be at the root of dedifferentiation of human osteosarcoma MG63 cells into 3AB-OS cancer stem cells. <i>Bone</i> , 2014 , 60, 198-212	4.7	29
61	Characterization and predicted role of the microRNA expression profile in amnion from obese pregnant women. <i>International Journal of Obesity</i> , 2014 , 38, 466-9	5.5	29
60	Insulin stimulates fibroblast proliferation through calcium-calmodulin-dependent kinase II. <i>Cell Cycle</i> , 2009 , 8, 2024-30	4.7	28
59	A new synthetic protein, TAT-RH, inhibits tumor growth through the regulation of NFkappaB activity. <i>Molecular Cancer</i> , 2009 , 8, 97	42.1	26
58	Modulation of TNFalpha, a determinant of acute toxicity associated with systemic delivery of first-generation and helper-dependent adenoviral vectors. <i>Gene Therapy</i> , 2006 , 13, 1272-80	4	26
57	Oncolytic vaccines increase the response to PD-L1 blockade in immunogenic and poorly immunogenic tumors. <i>Oncotmunology</i> , 2018 , 7, e1457596	7.2	24
56	A Cre-expressing cell line and an E1/E2a double-deleted virus for preparation of helper-dependent adenovirus vector. <i>Molecular Therapy</i> , 2001 , 3, 613-22	11.7	23
55	A novel crosstalk between calcium/calmodulin kinases II and IV regulates cell proliferation in myeloid leukemia cells. <i>Cellular Signalling</i> , 2015 , 27, 204-14	4.9	22

54	Molecular analysis of cluster headache. <i>Clinical Journal of Pain</i> , 2015 , 31, 52-7	3.5	21
53	Angiotensin receptor I stimulates osteoprogenitor proliferation through TGF β -mediated signaling. <i>Journal of Cellular Physiology</i> , 2015 , 230, 1466-74	7	20
52	Microduplications in 22q11.2 and 8q22.1 associated with mild mental retardation and generalized overgrowth. <i>Gene</i> , 2014 , 536, 213-6	3.8	20
51	Proteome analysis of human amniotic mesenchymal stem cells (hA-MSCs) reveals impaired antioxidant ability, cytoskeleton and metabolic functionality in maternal obesity. <i>Scientific Reports</i> , 2016 , 6, 25270	4.9	20
50	PEGylated helper-dependent adenoviral vector expressing human Apo A-I for gene therapy in LDLR-deficient mice. <i>Gene Therapy</i> , 2013 , 20, 1124-30	4	19
49	The Ca ²⁺ -calmodulin-dependent kinase II is activated in papillary thyroid carcinoma (PTC) and mediates cell proliferation stimulated by RET/PTC. <i>Endocrine-Related Cancer</i> , 2010 , 17, 113-23	5.7	19
48	Oculo-facio-cardio-dental (OFCD) syndrome: the first Italian case of BCOR and co-occurring OTC gene deletion. <i>Gene</i> , 2015 , 559, 203-6	3.8	18
47	Krüppel-like factor 7 is required for olfactory bulb dopaminergic neuron development. <i>Experimental Cell Research</i> , 2011 , 317, 464-73	4.2	18
46	High aminopeptidase N/CD13 levels characterize human amniotic mesenchymal stem cells and drive their increased adipogenic potential in obese women. <i>Stem Cells and Development</i> , 2013 , 22, 2287-94	4.4	17
45	Therapeutic angiogenesis in diabetic apolipoprotein E-deficient mice using bone marrow cells, functional hemangioblasts and metabolic intervention. <i>Atherosclerosis</i> , 2010 , 209, 403-14	3.1	17
44	Culture conditions allow selection of different mesenchymal progenitors from adult mouse bone marrow. <i>Tissue Engineering - Part A</i> , 2009 , 15, 2525-36	3.9	17
43	A novel framework to improve MHC-I epitopes and break the tolerance to melanoma. <i>Oncolimmunology</i> , 2017 , 6, e1319028	7.2	15
42	Laboratory medicine: health evaluation in elite athletes. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, 1450-1473	5.9	15
41	Fast Detection of a BRCA2 Large Genomic Duplication by Next Generation Sequencing as a Single Procedure: A Case Report. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	15
40	miR-138/miR-222 Overexpression Characterizes the miRNome of Amniotic Mesenchymal Stem Cells in Obesity. <i>Stem Cells and Development</i> , 2017 , 26, 4-14	4.4	15
39	Identification of a deletion in the NDUF54 gene using array-comparative genomic hybridization in a patient with suspected mitochondrial respiratory disease. <i>Gene</i> , 2014 , 535, 376-9	3.8	15
38	Helper-dependent adenoviral vectors. <i>Methods in Enzymology</i> , 2002 , 346, 177-98	1.7	14
37	Protective action of <i>Bacillus clausii</i> probiotic strains in an in vitro model of Rotavirus infection. <i>Scientific Reports</i> , 2020 , 10, 12636	4.9	14

36	S100B induces the release of pro-inflammatory cytokines in alveolar type I-like cells. <i>International Journal of Immunopathology and Pharmacology</i> , 2013 , 26, 383-91	3	13
35	Rapid Identification of HLA DQA1*0501, DQB1*0201, and DRB1*04 Alleles in Celiac Disease by a PCR-Based Methodology. <i>Clinical Chemistry</i> , 1997 , 43, 2204-2206	5.5	13
34	Altered Bioenergetic Profile in Umbilical Cord and Amniotic Mesenchymal Stem Cells from Newborns of Obese Women. <i>Stem Cells and Development</i> , 2018 , 27, 199-206	4.4	12
33	Reversal of metabolic and neurological symptoms of phenylketonuric mice treated with a PAH containing helper-dependent adenoviral vector. <i>Current Gene Therapy</i> , 2012 , 12, 48-56	4.3	12
32	Novel mutations and structural implications in R-type pyruvate kinase-deficient patients from Southern Italy. <i>Human Mutation</i> , 1998 , 11, 127-34	4.7	12
31	A quantitative polymerase chain reaction (PCR) assay completely discriminates between Duchenne and Becker muscular dystrophy deletion carriers and normal females. <i>Molecular and Cellular Probes</i> , 1996 , 10, 129-37	3.3	12
30	Genetic analysis resolves differential diagnosis of a familial syndromic dilated cardiomyopathy: A new case of Alström syndrome. <i>Molecular Genetics & Genomic Medicine</i> , 2020 , 8, e1260	2.3	11
29	Comparative analysis of gene expression data reveals novel targets of senescence-associated microRNAs. <i>PLoS ONE</i> , 2014 , 9, e98669	3.7	11
28	Adenoviral gene transfer of PLD1-D4 enhances insulin sensitivity in mice by disrupting phospholipase D1 interaction with PED/PEA-15. <i>PLoS ONE</i> , 2013 , 8, e60555	3.7	11
27	Allele frequency distributions at several variable number of tandem repeat (VNTR) and short tandem repeat (STR) loci in a restricted Caucasian population from south Italy and their evaluation for paternity and forensic use. <i>Molecular and Cellular Probes</i> , 1996 , 10, 299-308	3.3	10
26	Non-Invasive Prenatal Testing: Current Perspectives and Future Challenges. <i>Genes</i> , 2020 , 12,	4.2	9
25	Sex-Comparative Analysis of the miRNome of Human Amniotic Mesenchymal Stem Cells During Obesity. <i>Stem Cells and Development</i> , 2017 , 26, 1-3	4.4	8
24	Oncolytic Adenoviruses for Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	8
23	Identification of a Novel Transcription Factor Required for Osteogenic Differentiation of Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2019 , 28, 370-383	4.4	6
22	Direct detection of proviral gag segment of human immunodeficiency virus in peripheral blood lymphocytes by colorimetric PCR assay as a clinical laboratory tool applied to different at-risk populations. <i>Journal of Clinical Microbiology</i> , 1995 , 33, 641-7	9.7	5
21	Molecular diagnosis of MODY3 permitted to reveal a de novo 12q24.31 deletion and to explain a complex phenotype in a young diabetic patient. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, e306-e310	5.9	4
20	Helper-dependent adenovirus-mediated gene transfer of a secreted LDL receptor/transferrin chimeric protein reduces aortic atherosclerosis in LDL receptor-deficient mice. <i>Gene Therapy</i> , 2019 , 26, 121-130	4	4
19	3q29 microduplication in a small family with complex metabolic phenotype from Southern Italy. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, e167-e170	5.9	4

18	Novel deletion at the M and P promoters of the human dystrophin gene associated with a Duchenne muscular dystrophy. <i>Neuromuscular Disorders</i> , 2002 , 12, 494-7	2.9	4
17	Childhood obesity: an overview of laboratory medicine, exercise and microbiome. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1385-1406	5.9	4
16	SARS-CoV-2: One Year in the Pandemic. What Have We Learned, the New Vaccine Era and the Threat of SARS-CoV-2 Variants. <i>Biomedicines</i> , 2021 , 9,	4.8	4
15	Unraveling unusual X-chromosome patterns during fragile-X syndrome genetic testing. <i>Clinica Chimica Acta</i> , 2018 , 476, 167-172	6.2	4
14	Intragenic Deletion in MACROD2: A Family with Complex Phenotypes Including Microcephaly, Intellectual Disability, Polydactyly, Renal and Pancreatic Malformations. <i>Cytogenetic and Genome Research</i> , 2019 , 158, 25-31	1.9	3
13	Physical Activity and Thrombophilic Risk in a Short Series. <i>Journal of Blood Medicine</i> , 2020 , 11, 39-42	2.3	3
12	Case Report: Detection of a Novel Germline Deletion in a Young Woman With Hereditary Breast Cancer: When the Patient's Phenotype History Doesn't Lie. <i>Frontiers in Oncology</i> , 2021 , 11, 602523	5.3	3
11	Two novel genomic rearrangements identified in suicide subjects using a-CGH array. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015 , 53, e245-8	5.9	2
10	Serum withdrawal after embryoid body formation does not impair cardiomyocyte development from mouse embryonic stem cells. <i>Cytotherapy</i> , 2011 , 13, 350-6	4.8	2
9	Dystrophinopathy in a young boy with Klinefelter's syndrome. <i>Muscle and Nerve</i> , 1998 , 21, 792-5	3.4	2
8	CGH array for the identification of a compound heterozygous mutation in the CYP1B1 gene in a patient with bilateral anterior segment dysgenesis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, e63-e66	5.9	2
7	Lung Microbiome in Cystic Fibrosis. <i>Life</i> , 2021 , 11,	3	2
6	Non-Canonical Role of PDK1 as a Negative Regulator of Apoptosis through Macromolecular Complexes Assembly at the ER-Mitochondria Interface in Oncogene-Driven NSCLC. <i>Cancers</i> , 2021 , 13,	6.6	2
5	Novel mutations and structural implications in R-type pyruvate kinase-deficient patients from southern Italy 1998 , 11, 127		2
4	A First Look at an Automated Pipeline for NGS-Based Breast-Cancer Diagnosis: The CARDIGAN Approach 2016 ,		1
3	Thymidine kinase-mediated shut down of bone morphogenetic protein-4 expression allows regulated bone production. <i>Current Gene Therapy</i> , 2013 , 13, 202-10	4.3	1
2	Identification of a Deletion by Using A-CGH Involving PLNAX2: An Interesting Candidate Gene in Psychomotor Developmental Delay.. <i>Medicina (Lithuania)</i> , 2022 , 58,	3.1	
1	Combined aCGH and Exome Sequencing Analysis Improves Autism Spectrum Disorders Diagnosis: A Case Report.. <i>Medicina (Lithuania)</i> , 2022 , 58,	3.1	

