Isabella Saggio

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Self-Renewing Osteoprogenitors in Bone Marrow Sinusoids Can Organize a Hematopoietic Microenvironment. Cell, 2007, 131, 324-336.	28.9	2,001
2	No Identical "Mesenchymal Stem Cells―at Different Times and Sites: Human Committed Progenitors of Distinct Origin and Differentiation Potential Are Incorporated as Adventitial Cells in Microvessels. Stem Cell Reports, 2016, 6, 897-913.	4.8	378
3	"Mesenchymal―Stem Cells in Human Bone Marrow (Skeletal Stem Cells): A Critical Discussion of Their Nature, Identity, and Significance in Incurable Skeletal Disease. Human Gene Therapy, 2010, 21, 1057-1066.	2.7	154
4	Soma-to-Germline Transmission of RNA in Mice Xenografted with Human Tumour Cells: Possible Transport by Exosomes. PLoS ONE, 2014, 9, e101629.	2.5	125
5	Fibrous Dysplasia as a Stem Cell Disease. Journal of Bone and Mineral Research, 2006, 21, P125-P131.	2.8	103
6	Transfer, analysis, and reversion of the fibrous dysplasia cellular phenotype in human skeletal progenitors. Journal of Bone and Mineral Research, 2010, 25, 1103-1116.	2.8	77
7	Constitutive Expression of GsαR201C in Mice Produces a Heritable, Direct Replica of Human Fibrous Dysplasia Bone Pathology and Demonstrates Its Natural History. Journal of Bone and Mineral Research, 2014, 29, 2357-2368.	2.8	66
8	Skeletal progenitors and the GNAS gene: fibrous dysplasia of bone read through stem cells. Journal of Molecular Endocrinology, 2010, 45, 355-364.	2.5	61
9	Efficient, Repeated Adenovirus-Mediated Gene Transfer in Mice Lacking both Tumor Necrosis Factor Alpha and Lymphotoxin α. Journal of Virology, 1998, 72, 9514-9525.	3.4	58
10	Integrinα3β1 Is an Alternative Cellular Receptor for AdenovirusSerotype5. Journal of Virology, 2003, 77, 13448-13454.	3.4	58
11	Identification of ciliary neurotrophic factor (CNTF) residues essential for leukemia inhibitory factor receptor binding and generation of CNTF receptor antagonists Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 9247-9252.	7.1	55
12	Binding Properties, Cell Delivery, and Gene Transfer of Adenoviral Penton Base Displaying Bacteriophage. Virology, 2001, 282, 102-112.	2.4	50
13	Genomic instability and DNA replication defects in progeroid syndromes. Nucleus, 2018, 9, 368-379.	2.2	46
14	E1B55K-Deleted Adenovirus (ONYX-015) Overrides G1/S and G2/M Checkpoints and Causes Mitotic Catastrophe and Endoreduplication in p53-Proficient Normal Cells. Cell Cycle, 2006, 5, 2244-2252.	2.6	45
15	Mammalian telomeres and their partnership with lamins. Nucleus, 2016, 7, 187-202.	2.2	45
16	Functional phage display of ciliary neurotrophic factor. Gene, 1995, 152, 35-39.	2.2	44
17	Modeling Human Neural Functionality <i>In Vitro</i> : Three-Dimensional Culture for Dopaminergic Differentiation. Tissue Engineering - Part A, 2015, 21, 654-668.	3.1	44
18	The Relationship Between Vitamin B6, Diabetes and Cancer. Frontiers in Genetics, 2018, 9, 388.	2.3	44

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19	Mammalian cell transduction and internalization properties of \hat{I} » phages displaying the full-length adenoviral penton base or its central domain. Journal of Molecular Medicine, 2004, 82, 467-476.	3.9	38
20	AKTIP/Ft1, a New Shelterin-Interacting Factor Required for Telomere Maintenance. PLoS Genetics, 2015, 11, e1005167.	3.5	38
21	Respective roles of TNF-α and IL-6 in the immune response-elicited by adenovirus-mediated gene transfer in mice. Gene Therapy, 2007, 14, 533-544.	4.5	37
22	CAV-2 Vector Development and Gene Transfer in the Central and Peripheral Nervous Systems. Frontiers in Molecular Neuroscience, 2019, 12, 71.	2.9	37
23	Loss of Human TGS1 Hypermethylase Promotes Increased Telomerase RNA and Telomere Elongation. Cell Reports, 2020, 30, 1358-1372.e5.	6.4	34
24	Osteoblast-Specific Expression of the Fibrous Dysplasia (FD)–Causing Mutation <i>GsαR201C</i> Produces a High Bone Mass Phenotype but Does Not Reproduce FD in the Mouse. Journal of Bone and Mineral Research, 2015, 30, 1030-1043.	2.8	31
25	The role of IL-6 in the inflammatory and humoral response to adenoviral vectors. Journal of Gene Medicine, 2000, 2, 194-203.	2.8	30
26	Lentiviral Transduction of Human Postnatal Skeletal (Stromal, Mesenchymal) Stem Cells: In Vivo Transplantation and Gene Silencing. Calcified Tissue International, 2006, 78, 372-384.	3.1	29
27	The telomeric protein AKTIP interacts with A- and B-type lamins and is involved in regulation of cellular senescence. Open Biology, 2016, 6, 160103.	3.6	29
28	Mice with reduced expression of the telomereâ€associated protein Ft1 develop p53â€sensitive progeroid traits. Aging Cell, 2018, 17, e12730.	6.7	24
29	Exogenous LRRK2G2019S induces parkinsonian-like pathology in a nonhuman primate. JCI Insight, 2018, 3,	5.0	24
30	Protective role of vitamin B6 (PLP) against DNA damage in Drosophila models of type 2 diabetes. Scientific Reports, 2018, 8, 11432.	3.3	23
31	The Analysis of Pendolino (peo) Mutants Reveals Differences in the Fusigenic Potential among Drosophila Telomeres. PLoS Genetics, 2015, 11, e1005260.	3.5	21
32	Use of DNA Microarrays to Monitor Host Response to Virus and Virus-Derived Gene Therapy Vectors. Molecular Diagnosis and Therapy, 2004, 4, 345-356.	3.3	20
33	Differentiated Neuroprogenitor Cells Incubated with Human or Canine Adenovirus, or Lentiviral Vectors Have Distinct Transcriptome Profiles. PLoS ONE, 2013, 8, e69808.	2.5	20
34	Prion expression is activated by Adenovirus 5 infection and affects the adenoviral cycle in human cells. Virology, 2009, 385, 343-350.	2.4	18
35	Chemical coupling as a potent strategy for preparation of targeted bacteriophageâ€derived gene nanocarriers into eukaryotic cells. Journal of Gene Medicine, 2011, 13, 622-631.	2.8	17
36	Transcriptional Response of Human Neurospheres to Helper-Dependent CAV-2 Vectors Involves the Modulation of DNA Damage Response, Microtubule and Centromere Gene Groups. PLoS ONE, 2015, 10, e0133607.	2.5	17

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37	Pyridoxine/pyridoxamine 5′â€phosphate oxidase (Sgll/PNPO) is important for DNA integrity and glucose homeostasis maintenance in <i>Drosophila</i> . Journal of Cellular Physiology, 2020, 235, 504-512.	4.1	17
38	Interplay of the nuclear envelope with chromatin in physiology and pathology. Nucleus, 2020, 11, 205-218.	2.2	17
39	Evaluation of helper-dependent canine adenovirus vectors in a 3D human CNS model. Gene Therapy, 2016, 23, 86-94.	4.5	15
40	Different modulation of cellular transcription by adenovirus 5, ΔE1/E3 adenovirus and helper-dependent vectors. Virus Research, 2007, 130, 71-84.	2.2	14
41	The FANC pathway is activated by adenovirus infection and promotes viral replication-dependent recombination. Nucleic Acids Research, 2011, 39, 5459-5473.	14.5	14
42	Restriction of Neural Precursor Ability to Respond to Nurr1 by Early Regional Specification. PLoS ONE, 2012, 7, e51798.	2.5	13
43	AKTIP interacts with ESCRT I and is needed for the recruitment of ESCRT III subunits to the midbody. PLoS Genetics, 2021, 17, e1009757.	3.5	13
44	Comparative activity of Sant7 and anti-IL-6, IL-6R monoclonal antibodies in a murine model of B-cell lymphoma. Cytokine, 2005, 31, 368-374.	3.2	12
45	p53-Sensitive Epileptic Behavior and Inflammation in Ft1 Hypomorphic Mice. Frontiers in Genetics, 2018, 9, 581.	2.3	12
46	Nonradioactive Receptor Binding Assay for Ciliary Neurotrophic Factor. Analytical Biochemistry, 1994, 221, 387-391.	2.4	11
47	Agonistic and Antagonistic Variants of Ciliary Neurotrophic Factor (CNTF) Reveal Functional Differences between Membrane-bound and Soluble CNTF α-Receptor. Journal of Biological Chemistry, 1997, 272, 23069-23075.	3.4	10
48	Self-Renewing Osteoprogenitors in Bone Marrow Sinusoids Can Organize a Hematopoietic Microenvironment. Cell, 2008, 133, 928.	28.9	9
49	The expression of four pyridoxal kinase (PDXK) human variants in Drosophila impacts on genome integrity. Scientific Reports, 2019, 9, 14188.	3.3	9
50	Changes in gene expression in human skeletal stem cells transduced with constitutively active Gsα correlates with hallmark histopathological changes seen in fibrous dysplastic bone. PLoS ONE, 2020, 15, e0227279.	2.5	7
51	A new role for Drosophila Aurora-A in maintaining chromosome integrity. Chromosoma, 2019, 128, 41-52.	2.2	5
52	Drosophila doublefault protein coordinates multiple events during male meiosis by controlling mRNA translation. Development (Cambridge), 2019, 146, .	2.5	4
53	DNA Microarray to Analyze Adenovirus–Host Interactions. Methods in Molecular Biology, 2014, 1089, 89-104.	0.9	3
54	Perils and Promises of Therapeutic Approaches for the Stem Cell Disease Fibrous Dysplasia. Stem Cells Translational Medicine, 2019, 8, 110-111.	3.3	3

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55	Detection of Biotinylated Molecules in Solid-Phase Assays Using a Recombinant Biotin-Binding Bacteriophage. Analytical Biochemistry, 1993, 214, 352-355.	2.4	2
56	Phase Separation in the Nucleus and at the Nuclear Periphery during Post-Mitotic Nuclear Envelope Reformation. Cells, 2022, 11, 1749.	4.1	2
57	Targeting Bacteriophage Vectors. , 2003, , 429-455.		0
58	Title is missing!. , 2020, 15, e0227279.		0
59	Title is missing!. , 2020, 15, e0227279.		0
60	Title is missing!. , 2020, 15, e0227279.		0
61	Title is missing!. , 2020, 15, e0227279.		0