

Isabella Saggio

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

4,133
citations

218381

26
h-index

149479

56
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63
all docs

63
docs citations

63
times ranked

5989
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Renewing Osteoprogenitors in Bone Marrow Sinusoids Can Organize a Hematopoietic Microenvironment. <i>Cell</i> , 2007, 131, 324-336.	13.5	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. <i>Stem Cell Reports</i> , 2016, 6, 897-913.	2.3	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. <i>Human Gene Therapy</i> , 2010, 21, 1057-1066.	1.4	154
4	Soma-to-Germline Transmission of RNA in Mice Xenografted with Human Tumour Cells: Possible Transport by Exosomes. <i>PLoS ONE</i> , 2014, 9, e101629.	1.1	125
5	Fibrous Dysplasia as a Stem Cell Disease. <i>Journal of Bone and Mineral Research</i> , 2006, 21, P125-P131.	3.1	103
6	Transfer, analysis, and reversion of the fibrous dysplasia cellular phenotype in human skeletal progenitors. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 1103-1116.	3.1	77
7	Constitutive Expression of Gs β R201C in Mice Produces a Heritable, Direct Replica of Human Fibrous Dysplasia Bone Pathology and Demonstrates Its Natural History. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 2357-2368.	3.1	66
8	Skeletal progenitors and the GNAS gene: fibrous dysplasia of bone read through stem cells. <i>Journal of Molecular Endocrinology</i> , 2010, 45, 355-364.	1.1	61
9	Efficient, Repeated Adenovirus-Mediated Gene Transfer in Mice Lacking both Tumor Necrosis Factor Alpha and Lymphotoxin β . <i>Journal of Virology</i> , 1998, 72, 9514-9525.	1.5	58
10	Integrin β 3 α 1 Is an Alternative Cellular Receptor for Adenovirus Serotype 5. <i>Journal of Virology</i> , 2003, 77, 13448-13454.	1.5	58
11	Identification of ciliary neurotrophic factor (CNTF) residues essential for leukemia inhibitory factor receptor binding and generation of CNTF receptor antagonists. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 9247-9252.	3.3	55
12	Binding Properties, Cell Delivery, and Gene Transfer of Adenoviral Penton Base Displaying Bacteriophage. <i>Virology</i> , 2001, 282, 102-112.	1.1	50
13	Genomic instability and DNA replication defects in progeroid syndromes. <i>Nucleus</i> , 2018, 9, 368-379.	0.6	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. <i>Cell Cycle</i> , 2006, 5, 2244-2252.	1.3	45
15	Mammalian telomeres and their partnership with lamins. <i>Nucleus</i> , 2016, 7, 187-202.	0.6	45
16	Functional phage display of ciliary neurotrophic factor. <i>Gene</i> , 1995, 152, 35-39.	1.0	44
17	Modeling Human Neural Functionality <i>In Vitro</i> : Three-Dimensional Culture for Dopaminergic Differentiation. <i>Tissue Engineering - Part A</i> , 2015, 21, 654-668.	1.6	44
18	The Relationship Between Vitamin B6, Diabetes and Cancer. <i>Frontiers in Genetics</i> , 2018, 9, 388.	1.1	44

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19	Mammalian cell transduction and internalization properties of λ phages displaying the full-length adenoviral penton base or its central domain. <i>Journal of Molecular Medicine</i> , 2004, 82, 467-476.	1.7	38
20	AKTIP/Ft1, a New Shelterin-Interacting Factor Required for Telomere Maintenance. <i>PLoS Genetics</i> , 2015, 11, e1005167.	1.5	38
21	Respective roles of TNF- α and IL-6 in the immune response-elicited by adenovirus-mediated gene transfer in mice. <i>Gene Therapy</i> , 2007, 14, 533-544.	2.3	37
22	CAV-2 Vector Development and Gene Transfer in the Central and Peripheral Nervous Systems. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 71.	1.4	37
23	Loss of Human TGS1 Hypermethylase Promotes Increased Telomerase RNA and Telomere Elongation. <i>Cell Reports</i> , 2020, 30, 1358-1372.e5.	2.9	34
24	Osteoblast-Specific Expression of the Fibrous Dysplasia (FD)-Causing Mutation <i>Gs1R201C</i> Produces a High Bone Mass Phenotype but Does Not Reproduce FD in the Mouse. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 1030-1043.	3.1	31
25	The role of IL-6 in the inflammatory and humoral response to adenoviral vectors. <i>Journal of Gene Medicine</i> , 2000, 2, 194-203.	1.4	30
26	Lentiviral Transduction of Human Postnatal Skeletal (Stromal, Mesenchymal) Stem Cells: In Vivo Transplantation and Gene Silencing. <i>Calcified Tissue International</i> , 2006, 78, 372-384.	1.5	29
27	The telomeric protein AKTIP interacts with A- and B-type lamins and is involved in regulation of cellular senescence. <i>Open Biology</i> , 2016, 6, 160103.	1.5	29
28	Mice with reduced expression of the telomere-associated protein Ft1 develop p53-sensitive progeroid traits. <i>Aging Cell</i> , 2018, 17, e12730.	3.0	24
29	Exogenous LRRK2G2019S induces parkinsonian-like pathology in a nonhuman primate. <i>JCI Insight</i> , 2018, 3, .	2.3	24
30	Protective role of vitamin B6 (PLP) against DNA damage in <i>Drosophila</i> models of type 2 diabetes. <i>Scientific Reports</i> , 2018, 8, 11432.	1.6	23
31	The Analysis of Pendolino (peo) Mutants Reveals Differences in the Fusigenic Potential among <i>Drosophila</i> Telomeres. <i>PLoS Genetics</i> , 2015, 11, e1005260.	1.5	21
32	Use of DNA Microarrays to Monitor Host Response to Virus and Virus-Derived Gene Therapy Vectors. <i>Molecular Diagnosis and Therapy</i> , 2004, 4, 345-356.	3.3	20
33	Differentiated Neuroprogenitor Cells Incubated with Human or Canine Adenovirus, or Lentiviral Vectors Have Distinct Transcriptome Profiles. <i>PLoS ONE</i> , 2013, 8, e69808.	1.1	20
34	Prion expression is activated by Adenovirus 5 infection and affects the adenoviral cycle in human cells. <i>Virology</i> , 2009, 385, 343-350.	1.1	18
35	Chemical coupling as a potent strategy for preparation of targeted bacteriophage-derived gene nanocarriers into eukaryotic cells. <i>Journal of Gene Medicine</i> , 2011, 13, 622-631.	1.4	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. <i>PLoS ONE</i> , 2015, 10, e0133607.	1.1	17

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37	Pyridoxine/pyridoxamine 5â€²â€²phosphate oxidase (Sgll/PNPO) is important for DNA integrity and glucose homeostasis maintenance in <i>Drosophila</i> . <i>Journal of Cellular Physiology</i> , 2020, 235, 504-512.	2.0	17
38	Interplay of the nuclear envelope with chromatin in physiology and pathology. <i>Nucleus</i> , 2020, 11, 205-218.	0.6	17
39	Evaluation of helper-dependent canine adenovirus vectors in a 3D human CNS model. <i>Gene Therapy</i> , 2016, 23, 86-94.	2.3	15
40	Different modulation of cellular transcription by adenovirus 5, \hat{I} "E1/E3 adenovirus and helper-dependent vectors. <i>Virus Research</i> , 2007, 130, 71-84.	1.1	14
41	The FANC pathway is activated by adenovirus infection and promotes viral replication-dependent recombination. <i>Nucleic Acids Research</i> , 2011, 39, 5459-5473.	6.5	14
42	Restriction of Neural Precursor Ability to Respond to Nurr1 by Early Regional Specification. <i>PLoS ONE</i> , 2012, 7, e51798.	1.1	13
43	AKTIP interacts with ESCRT I and is needed for the recruitment of ESCRT III subunits to the midbody. <i>PLoS Genetics</i> , 2021, 17, e1009757.	1.5	13
44	Comparative activity of Sant7 and anti-IL-6, IL-6R monoclonal antibodies in a murine model of B-cell lymphoma. <i>Cytokine</i> , 2005, 31, 368-374.	1.4	12
45	p53-Sensitive Epileptic Behavior and Inflammation in Ft1 Hypomorphic Mice. <i>Frontiers in Genetics</i> , 2018, 9, 581.	1.1	12
46	Nonradioactive Receptor Binding Assay for Ciliary Neurotrophic Factor. <i>Analytical Biochemistry</i> , 1994, 221, 387-391.	1.1	11
47	Agonistic and Antagonistic Variants of Ciliary Neurotrophic Factor (CNTF) Reveal Functional Differences between Membrane-bound and Soluble CNTF \hat{I} ±-Receptor. <i>Journal of Biological Chemistry</i> , 1997, 272, 23069-23075.	1.6	10
48	Self-Renewing Osteoprogenitors in Bone Marrow Sinusoids Can Organize a Hematopoietic Microenvironment. <i>Cell</i> , 2008, 133, 928.	13.5	9
49	The expression of four pyridoxal kinase (PDXK) human variants in <i>Drosophila</i> impacts on genome integrity. <i>Scientific Reports</i> , 2019, 9, 14188.	1.6	9
50	Changes in gene expression in human skeletal stem cells transduced with constitutively active Gs \hat{I} ± correlates with hallmark histopathological changes seen in fibrous dysplastic bone. <i>PLoS ONE</i> , 2020, 15, e0227279.	1.1	7
51	A new role for <i>Drosophila</i> Aurora-A in maintaining chromosome integrity. <i>Chromosoma</i> , 2019, 128, 41-52.	1.0	5
52	<i>Drosophila</i> doublefault protein coordinates multiple events during male meiosis by controlling mRNA translation. <i>Development (Cambridge)</i> , 2019, 146, .	1.2	4
53	DNA Microarray to Analyze Adenovirusâ€™Host Interactions. <i>Methods in Molecular Biology</i> , 2014, 1089, 89-104.	0.4	3
54	Perils and Promises of Therapeutic Approaches for the Stem Cell Disease Fibrous Dysplasia. <i>Stem Cells Translational Medicine</i> , 2019, 8, 110-111.	1.6	3

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55	Detection of Biotinylated Molecules in Solid-Phase Assays Using a Recombinant Biotin-Binding Bacteriophage. <i>Analytical Biochemistry</i> , 1993, 214, 352-355.	1.1	2
56	Phase Separation in the Nucleus and at the Nuclear Periphery during Post-Mitotic Nuclear Envelope Reformation. <i>Cells</i> , 2022, 11, 1749.	1.8	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