Isabella Saggio

List of Publications by Year
in descending order

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Version: 2024-02-01

61	4,133	218381	149479
papers	citations	26 h-index	56 g-index

63	63	63	5989
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phase Separation in the Nucleus and at the Nuclear Periphery during Post-Mitotic Nuclear Envelope Reformation. Cells, 2022, 11, 1749.	1.8	2
2	AKTIP interacts with ESCRT I and is needed for the recruitment of ESCRT III subunits to the midbody. PLoS Genetics, 2021, 17, e1009757.	1.5	13
3	Pyridoxine/pyridoxamine 5â€²â€phosphate oxidase (Sgll/PNPO) is important for DNA integrity and glucose homeostasis maintenance in Drosophila. Journal of Cellular Physiology, 2020, 235, 504-512.	2.0	17
4	Interplay of the nuclear envelope with chromatin in physiology and pathology. Nucleus, 2020, 11, 205-218.	0.6	17
5	Loss of Human TGS1 Hypermethylase Promotes Increased Telomerase RNA and Telomere Elongation. Cell Reports, 2020, 30, 1358-1372.e5.	2.9	34
6	Changes in gene expression in human skeletal stem cells transduced with constitutively active GsÎ± correlates with hallmark histopathological changes seen in fibrous dysplastic bone. PLoS ONE, 2020, 15, e0227279.	1.1	7
7	Title is missing!. , 2020, 15, e0227279.		0
8	Title is missing!. , 2020, 15, e0227279.		0
9	Title is missing!. , 2020, 15, e0227279.		0
10	Title is missing!. , 2020, 15, e0227279.		0
11	The expression of four pyridoxal kinase (PDXK) human variants in Drosophila impacts on genome integrity. Scientific Reports, 2019, 9, 14188.	1.6	9
12	Drosophila doublefault protein coordinates multiple events during male meiosis by controlling mRNA translation. Development (Cambridge), 2019, 146, .	1.2	4
13	CAV-2 Vector Development and Gene Transfer in the Central and Peripheral Nervous Systems. Frontiers in Molecular Neuroscience, 2019, 12, 71.	1.4	37
14	A new role for Drosophila Aurora-A in maintaining chromosome integrity. Chromosoma, 2019, 128, 41-52.	1.0	5
15	Perils and Promises of Therapeutic Approaches for the Stem Cell Disease Fibrous Dysplasia. Stem Cells Translational Medicine, 2019, 8, 110-111.	1.6	3
16	Mice with reduced expression of the telomereâ€associated protein Ft1 develop p53â€sensitive progeroid traits. Aging Cell, 2018, 17, e12730.	3.0	24
17	p53-Sensitive Epileptic Behavior and Inflammation in Ft1 Hypomorphic Mice. Frontiers in Genetics, 2018, 9, 581.	1.1	12
18	The Relationship Between Vitamin B6, Diabetes and Cancer. Frontiers in Genetics, 2018, 9, 388.	1.1	44

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19	Genomic instability and DNA replication defects in progeroid syndromes. Nucleus, 2018, 9, 368-379.	0.6	46
20	Protective role of vitamin B6 (PLP) against DNA damage in Drosophila models of type 2 diabetes. Scientific Reports, 2018, 8, 11432.	1.6	23
21	Exogenous LRRK2G2019S induces parkinsonian-like pathology in a nonhuman primate. JCI Insight, 2018, 3, .	2.3	24
22	Mammalian telomeres and their partnership with lamins. Nucleus, 2016, 7, 187-202.	0.6	45
23	The telomeric protein AKTIP interacts with A- and B-type lamins and is involved in regulation of cellular senescence. Open Biology, 2016, 6, 160103.	1.5	29
24	No Identical â€œMesenchymal Stem Cellsâ€•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.	2.3	378
25	Evaluation of helper-dependent canine adenovirus vectors in a 3D human CNS model. Gene Therapy, 2016, 23, 86-94.	2.3	15
26	Osteoblast-Specific Expression of the Fibrous Dysplasia (FD)â€“Causing Mutation GsÎ±R201C Produces a High Bone Mass Phenotype but Does Not Reproduce FD in the Mouse. Journal of Bone and Mineral Research, 2015, 30, 1030-1043.	3.1	31
27	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.	1.1	17
28	Modeling Human Neural Functionality In Vitro: Three-Dimensional Culture for Dopaminergic Differentiation. Tissue Engineering - Part A, 2015, 21, 654-668.	1.6	44
29	AKTIP/Ft1, a New Shelterin-Interacting Factor Required for Telomere Maintenance. PLoS Genetics, 2015, 11, e1005167.	1.5	38
30	The Analysis of Pendolino (peo) Mutants Reveals Differences in the Fusigenic Potential among Drosophila Telomeres. PLoS Genetics, 2015, 11, e1005260.	1.5	21
31	DNA Microarray to Analyze Adenovirusâ€“Host Interactions. Methods in Molecular Biology, 2014, 1089, 89-104.	0.4	3
32	Soma-to-Germline Transmission of RNA in Mice Xenografted with Human Tumour Cells: Possible Transport by Exosomes. PLoS ONE, 2014, 9, e101629.	1.1	125
33	Constitutive Expression of GsÎ±R201C 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.	3.1	66
34	Differentiated Neuroprogenitor Cells Incubated with Human or Canine Adenovirus, or Lentiviral Vectors Have Distinct Transcriptome Profiles. PLoS ONE, 2013, 8, e69808.	1.1	20
35	Restriction of Neural Precursor Ability to Respond to Nurr1 by Early Regional Specification. PLoS ONE, 2012, 7, e51798.	1.1	13
36	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.	1.4	17

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37	The FANC pathway is activated by adenovirus infection and promotes viral replication-dependent recombination. Nucleic Acids Research, 2011, 39, 5459-5473.	6.5	14
38	Transfer, analysis, and reversion of the fibrous dysplasia cellular phenotype in human skeletal progenitors. Journal of Bone and Mineral Research, 2010, 25, 1103-1116.	3.1	77
39	Skeletal progenitors and the GNAS gene: fibrous dysplasia of bone read through stem cells. Journal of Molecular Endocrinology, 2010, 45, 355-364.	1.1	61
40	â€œMesenchymalâ€•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.	1.4	154
41	Prion expression is activated by Adenovirus 5 infection and affects the adenoviral cycle in human cells. Virology, 2009, 385, 343-350.	1.1	18
42	Self-Renewing Osteoprogenitors in Bone Marrow Sinusoids Can Organize a Hematopoietic Microenvironment. Cell, 2008, 133, 928.	13.5	9
43	Different modulation of cellular transcription by adenovirus 5, Î”E1/E3 adenovirus and helper-dependent vectors. Virus Research, 2007, 130, 71-84.	1.1	14
44	Self-Renewing Osteoprogenitors in Bone Marrow Sinusoids Can Organize a Hematopoietic Microenvironment. Cell, 2007, 131, 324-336.	13.5	2,001
45	Respective roles of TNF-Î± and IL-6 in the immune response-elicited by adenovirus-mediated gene transfer in mice. Gene Therapy, 2007, 14, 533-544.	2.3	37
46	Fibrous Dysplasia as a Stem Cell Disease. Journal of Bone and Mineral Research, 2006, 21, P125-P131.	3.1	103
47	Lentiviral Transduction of Human Postnatal Skeletal (Stromal, Mesenchymal) Stem Cells: In Vivo Transplantation and Gene Silencing. Calcified Tissue International, 2006, 78, 372-384.	1.5	29
48	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.	1.3	45
49	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.	1.4	12
50	Mammalian cell transduction and internalization properties of Î» phages displaying the full-length adenoviral penton base or its central domain. Journal of Molecular Medicine, 2004, 82, 467-476.	1.7	38
51	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
52	IntegrinÎ±3Î²1 Is an Alternative Cellular Receptor for AdenovirusSerotype5. Journal of Virology, 2003, 77, 13448-13454.	1.5	58
53	Targeting Bacteriophage Vectors. , 2003, , 429-455.		0
54	Binding Properties, Cell Delivery, and Gene Transfer of Adenoviral Penton Base Displaying Bacteriophage. Virology, 2001, 282, 102-112.	1.1	50

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55	The role of IL-6 in the inflammatory and humoral response to adenoviral vectors. Journal of Gene Medicine, 2000, 2, 194-203.	1.4	30
56	Efficient, Repeated Adenovirus-Mediated Gene Transfer in Mice Lacking both Tumor Necrosis Factor Alpha and Lymphotoxin Î±. Journal of Virology, 1998, 72, 9514-9525.	1.5	58
57	Agonistic and Antagonistic Variants of Ciliary Neurotrophic Factor (CNTF) Reveal Functional Differences between Membrane-bound and Soluble CNTF Î±-Receptor. Journal of Biological Chemistry, 1997, 272, 23069-23075.	1.6	10
58	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.	3.3	55
59	Functional phage display of ciliary neurotrophic factor. Gene, 1995, 152, 35-39.	1.0	44
60	Nonradioactive Receptor Binding Assay for Ciliary Neurotrophic Factor. Analytical Biochemistry, 1994, 221, 387-391.	1.1	11
61	Detection of Biotinylated Molecules in Solid-Phase Assays Using a Recombinant Biotin-Binding Bacteriophage. Analytical Biochemistry, 1993, 214, 352-355.	1.1	2