Giuseppina Caretti

List of Publications by Year
in descending order

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39 papers	3,015 citations	236925 25 h-index	330143 37 g-index
39 all docs	39 docs citations	39 times ranked	4589 citing authors

#	Article	IF	Citations
1	The Polycomb Ezh2 methyltransferase regulates muscle gene expression and skeletal muscle differentiation. Genes and Development, 2004, 18, 2627-2638.	5.9	534
2	TNF/p38Î±/Polycomb Signaling to Pax7 Locus in Satellite Cells Links Inflammation to the Epigenetic Control of Muscle Regeneration. Cell Stem Cell, 2010, 7, 455-469.	11.1	346
3	The RNA Helicases p68/p72 and the Noncoding RNA SRA Are Coregulators of MyoD and Skeletal Muscle Differentiation. Developmental Cell, 2006, 11, 547-560.	7.0	304
4	Deacetylase Inhibitors Increase Muscle Cell Size by Promoting Myoblast Recruitment and Fusion through Induction of Follistatin. Developmental Cell, 2004, 6, 673-684.	7.0	214
5	Mechanisms underlying the transcriptional regulation of skeletal myogenesis. Current Opinion in Genetics and Development, 2005, 15, 528-535.	3.3	143
6	Transcriptional Activation of the Cyclin A Gene by the Architectural Transcription Factor HMGA2. Molecular and Cellular Biology, 2003, 23, 9104-9116.	2.3	140
7	Dynamic Recruitment of NF-Y and Histone Acetyltransferases on Cell-cycle Promoters. Journal of Biological Chemistry, 2003, 278, 30435-30440.	3.4	136
8	A SMYD3 Smallâ€Molecule Inhibitor Impairing Cancer Cell Growth. Journal of Cellular Physiology, 2015, 230, 2447-2460.	4.1	95
9	Fgfr4 Is Required for Effective Muscle Regeneration in Vivo. Journal of Biological Chemistry, 2006, 281, 429-438.	3.4	90
10	Epigenetic targeting of bromodomain protein BRD4 counteracts cancer cachexia and prolongs survival. Nature Communications, 2017, 8, 1707.	12.8	86
11	The methyltransferase SMYD3 mediates the recruitment of transcriptional cofactors at the myostatin and c-Met genes and regulates skeletal muscle atrophy. Genes and Development, 2013, 27, 1299-1312.	5.9	74
12	A Functionally Essential Domain of RFX5 Mediates Activation of Major Histocompatibility Complex Class II Promoters by Promoting Cooperative Binding between RFX and NF-Y. Molecular and Cellular Biology, 2000, 20, 3364-3376.	2.3	68
13	Interactions between p300 and Multiple NF-Y Trimers Govern Cyclin B2 Promoter Function. Journal of Biological Chemistry, 2003, 278, 6642-6650.	3.4	68
14	p68 (Ddx5) interacts with Runx2 and regulates osteoblast differentiation. Journal of Cellular Biochemistry, 2008, 103, 1438-1451.	2.6	64
15	NF-Y Associates with H3-H4 Tetramers and Octamers by Multiple Mechanisms. Molecular and Cellular Biology, 1999, 19, 8591-8603.	2.3	63
16	SMYD3 promotes the epithelialâ€“mesenchymal transition in breast cancer. Nucleic Acids Research, 2019, 47, 1278-1293.	14.5	63
17	Posttranslational Regulation of NF-YA Modulates NF-Y Transcriptional Activity. Molecular Biology of the Cell, 2008, 19, 5203-5213.	2.1	46
18	SMYD3: An Oncogenic Driver Targeting Epigenetic Regulation and Signaling Pathways. Cancers, 2020, 12, 142.	3.7	44

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19	MyoD Acetylation Influences Temporal Patterns of Skeletal Muscle Gene Expression. Journal of Biological Chemistry, 2007, 282, 37650-37659.	3.4	42
20	The DEAD-Box p68/p72 Proteins and the Noncoding RNA Steroid Receptor Activator SRA: Eclectic Regulators of Disparate Biological Functions. Cell Cycle, 2007, 6, 1172-1176.	2.6	38
21	Interplay between Metabolites and the Epigenome in Regulating Embryonic and Adult Stem Cell Potency and Maintenance. Stem Cell Reports, 2019, 13, 573-589.	4.8	38
22	Vitamin D and VDR in cancer cachexia and muscle regeneration. Oncotarget, 2017, 8, 21778-21793.	1.8	37
23	Dissection of functional NF-Y-RFX cooperative interactions on the MHC class II Ea promoter. Journal of Molecular Biology, 2000, 302, 539-552.	4.2	36
24	BETs inhibition attenuates oxidative stress and preserves muscle integrity in Duchenne muscular dystrophy. Nature Communications, 2020, 11, 6108.	12.8	36
25	Inhibition of Bromodomain and Extraterminal Domain (BET) Proteins by JQ1 Unravels a Novel Epigenetic Modulation to Control Lipid Homeostasis. International Journal of Molecular Sciences, 2020, 21, 1297.	4.1	30
26	In vitro profiling of epigenetic modifications underlying heavy metal toxicity of tungsten-alloy and its components. Toxicology and Applied Pharmacology, 2011, 253, 178-187.	2.8	28
27	Phosphoryl-EZH-ion. Cell Stem Cell, 2011, 8, 262-265.	11.1	27
28	Interactions of the CCAAT-binding Trimer NF-Y with Nucleosomes. Journal of Biological Chemistry, 1999, 274, 1326-1333.	3.4	25
29	Sarcopenia Diagnosis: Reliability of the Ultrasound Assessment of the Tibialis Anterior Muscle as an Alternative Evaluation Tool. Diagnostics, 2021, 11, 2158.	2.6	21
30	Cloning and characterization of the histone-fold proteins YBL1 and YCL1. Nucleic Acids Research, 2000, 28, 3830-3838.	14.5	18
31	In vivo analysis of the state of the human uPA enhancer following stimulation by TPA. Oncogene, 1999, 18, 2836-2845.	5.9	16
32	The Trithorax protein Ash1L promotes myoblast fusion by activating Cdon expression. Nature Communications, 2018, 9, 5026.	12.8	15
33	Targeting SMYD3 to Sensitize Homologous Recombination-Proficient Tumors to PARP-Mediated Synthetic Lethality. IScience, 2020, 23, 101604.	4.1	14
34	The Pole3 bidirectional unit is regulated by MYC and E2Fs. Gene, 2006, 366, 109-116.	2.2	9
35	Tackling Skeletal Muscle Cells Epigenome in the Next-Generation Sequencing Era. Comparative and Functional Genomics, 2012, 2012, 1-8.	2.0	3
36	The Lysine Methylase SMYD3 Modulates Mesendodermal Commitment during Development. Cells, 2021, 10, 1233.	4.1	3

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37	Epigenetic Regulation Shapes the Stem Cells State. Stem Cells International, 2016, 2016, 1-2.	2.5	1
38	Metabolic Control of Stemness and Differentiation. Stem Cells International, 2019, 2019, 1-2.	2.5	0
39	Targeting SMYD3 to Sensitize Homologous Recombination-Proficient Tumors to PARP-Mediated Synthetic Lethality. SSRN Electronic Journal, 0, , .	0.4	0