Vincenzo Cavalieri

List of Publications by Year
in descending order

32 papers	1,511 citations	567281 15 h-index	454955 30 g-index
32 all docs	32 docs citations	32 times ranked	1873 citing authors

#	Article	IF	Citations
1	Roles of the Core Components of the Mammalian miRISC in Chromatin Biology. Genes, 2022, 13, 414.	2.4	3
2	Novel Translational Read-throughâ€"Inducing Drugs as a Therapeutic Option for Shwachman-Diamond Syndrome. Biomedicines, 2022, 10, 886.	3.2	7
3	Evaluation of Epigenetic and Radiomodifying Effects during Radiotherapy Treatments in Zebrafish. International Journal of Molecular Sciences, 2021, 22, 9053.	4.1	2
4	Inducible and reversible inhibition of miRNA-mediated gene repression in vivo. ELife, 2021, 10, .	6.0	23
5	The Expanding Constellation of Histone Post-Translational Modifications in the Epigenetic Landscape. Genes, 2021, 12, 1596.	2.4	42
6	Composition and geographic variation of the bacterial microbiota associated with the coelomic fluid of the sea urchin Paracentrotus lividus. Scientific Reports, 2020, 10, 21443.	3.3	12
7	Epigenetic Modulation of Chromatin States and Gene Expression by G-Quadruplex Structures. International Journal of Molecular Sciences, 2020, 21, 4172.	4.1	24
8	Histones, Their Variants and Post-translational Modifications in Zebrafish Development. Frontiers in Cell and Developmental Biology, 2020, 8, 456.	3.7	15
9	Model organisms and their application in environmental epigenetics. , 2020, , 67-87.		1
10	Histone-mediated transgenerational epigenetics. , 2019, , 157-183.		3
11	Developmental effects of the protein kinase inhibitor kenpaullone on the sea urchin embryo. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2018, 204, 36-44.	2.6	3
12	Non-Primate Lentiviral Vectors and Their Applications in Gene Therapy for Ocular Disorders. Viruses, 2018, 10, 316.	3.3	22
13	Perturbation of Developmental Regulatory Gene Expression by a G-Quadruplex DNA Inducer in the Sea Urchin Embryo. Biochemistry, 2018, 57, 4391-4394.	2.5	6
14	High-Intensity Focused Ultrasoundâ€" and Radiation Therapyâ€"Induced Immuno-Modulation: Comparison and Potential Opportunities. Ultrasound in Medicine and Biology, 2017, 43, 398-411.	1.5	27
15	Environmental epigenetics in zebrafish. Epigenetics and Chromatin, 2017, 10, 46.	3.9	66
16	Diversification of spatiotemporal expression and copy number variation of the echinoid hbox12/pmar1/micro1 multigene family. PLoS ONE, 2017, 12, e0174404.	2.5	9
17	The Sea Urchinsns5Chromatin Insulator Shapes the Chromatin Architecture of a Lentivirus Vector Integrated in the Mammalian Genome. Nucleic Acid Therapeutics, 2016, 26, 318-326.	3.6	4
18	Trans-Reactivation: A New Epigenetic Phenomenon Underlying Transcriptional Reactivation of Silenced Genes. PLoS Genetics, 2015, 11, e1005444.	3.5	1

#	Article	IF	Citations
19	Ectopic hbox12 Expression Evoked by Histone Deacetylase Inhibition Disrupts Axial Specification of the Sea Urchin Embryo. PLoS ONE, 2015, 10, e0143860.	2.5	19
20	Symmetry Breaking and Establishment of Dorsal/Ventral Polarity in the Early Sea Urchin Embryo. Symmetry, 2015, 7, 1721-1733.	2.2	7
21	Early asymmetric cues triggering the dorsal/ventral gene regulatory network of the sea urchin embryo. ELife, 2014, 3, e04664.	6.0	30
22	The Compass-like Locus, Exclusive to the Ambulacrarians, Encodes a Chromatin Insulator Binding Protein in the Sea Urchin Embryo. PLoS Genetics, 2013, 9, e1003847.	3.5	20
23	Specific expression of a TRIM-containing factor in ectoderm cells affects the skeletal morphogenetic program of the sea urchin embryo. Development (Cambridge), 2011, 138, 4279-4290.	2.5	20
24	Promoter activity of the sea urchin (Paracentrotus lividus) nucleosomal H3 and H2A and linker H1 Î±-histone genes is modulated by enhancer and chromatin insulator. Nucleic Acids Research, 2009, 37, 7407-7415.	14.5	17
25	Functional Studies of Regulatory Genes in the Sea Urchin Embryo. Methods in Molecular Biology, 2009, 518, 175-188.	0.9	6
26	EGFR signalling is required for Paracentrotus lividus endomesoderm specification. Archives of Biochemistry and Biophysics, 2008, 474, 167-174.	3.0	2
27	cis-Regulatory sequences driving the expression of the Hbox12 homeobox-containing gene in the presumptive aboral ectoderm territory of the Paracentrotus lividus sea urchin embryo. Developmental Biology, 2008, 321, 455-469.	2.0	19
28	Constitutive Promoter Occupancy by the MBF-1 Activator and Chromatin Modification of the Developmental Regulated Sea Urchin Î±-H2A Histone Gene. Journal of Molecular Biology, 2007, 365, 1285-1297.	4.2	17
29	Regulatory sequences driving expression of the sea urchin Otp homeobox gene in oral ectoderm cells. Gene Expression Patterns, 2007, 7, 124-130.	0.8	17
30	The Genome of the Sea Urchin <i>Strongylocentrotus purpuratus</i>. Science, 2006, 314, 941-952.	12.6	1,018
31	Down-regulation of Early Sea Urchin Histone H2A Gene Relies on cis Regulative Sequences Located in the 5â€² and 3â€² Regions and Including the Enhancer Blocker sns. Journal of Molecular Biology, 2004, 342, 1367-1377.	4.2	9
32	Impairing Otp homeodomain function in oral ectoderm cells affects skeletogenesis in sea urchin embryos. Developmental Biology, 2003, 262, 107-118.	2.0	40