

Vincenzo Cavalieri

List of Publications by Year in descending order

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Version: 2024-02-01

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	The Genome of the Sea Urchin <i>Strongylocentrotus purpuratus</i> . <i>Science</i> , 2006, 314, 941-952.	12.6	1,018
2	Environmental epigenetics in zebrafish. <i>Epigenetics and Chromatin</i> , 2017, 10, 46.	3.9	66
3	The Expanding Constellation of Histone Post-Translational Modifications in the Epigenetic Landscape. <i>Genes</i> , 2021, 12, 1596.	2.4	42
4	Impairing Otp homeodomain function in oral ectoderm cells affects skeletogenesis in sea urchin embryos. <i>Developmental Biology</i> , 2003, 262, 107-118.	2.0	40
5	Early asymmetric cues triggering the dorsal/ventral gene regulatory network of the sea urchin embryo. <i>ELife</i> , 2014, 3, e04664.	6.0	30
6	High-Intensity Focused Ultrasound and Radiation Therapy Induced Immuno-Modulation: Comparison and Potential Opportunities. <i>Ultrasound in Medicine and Biology</i> , 2017, 43, 398-411.	1.5	27
7	Epigenetic Modulation of Chromatin States and Gene Expression by G-Quadruplex Structures. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4172.	4.1	24
8	Inducible and reversible inhibition of miRNA-mediated gene repression in vivo. <i>ELife</i> , 2021, 10, .	6.0	23
9	Non-Primate Lentiviral Vectors and Their Applications in Gene Therapy for Ocular Disorders. <i>Viruses</i> , 2018, 10, 316.	3.3	22
10	Specific expression of a TRIM-containing factor in ectoderm cells affects the skeletal morphogenetic program of the sea urchin embryo. <i>Development (Cambridge)</i> , 2011, 138, 4279-4290.	2.5	20
11	The Compass-like Locus, Exclusive to the Ambulacrarians, Encodes a Chromatin Insulator Binding Protein in the Sea Urchin Embryo. <i>PLoS Genetics</i> , 2013, 9, e1003847.	3.5	20
12	cis-Regulatory sequences driving the expression of the Hbox12 homeobox-containing gene in the presumptive aboral ectoderm territory of the <i>Paracentrotus lividus</i> sea urchin embryo. <i>Developmental Biology</i> , 2008, 321, 455-469.	2.0	19
13	Ectopic hbox12 Expression Evoked by Histone Deacetylase Inhibition Disrupts Axial Specification of the Sea Urchin Embryo. <i>PLoS ONE</i> , 2015, 10, e0143860.	2.5	19
14	Constitutive Promoter Occupancy by the MBF-1 Activator and Chromatin Modification of the Developmental Regulated Sea Urchin β -H2A Histone Gene. <i>Journal of Molecular Biology</i> , 2007, 365, 1285-1297.	4.2	17
15	Regulatory sequences driving expression of the sea urchin Otp homeobox gene in oral ectoderm cells. <i>Gene Expression Patterns</i> , 2007, 7, 124-130.	0.8	17
16	Promoter activity of the sea urchin (<i>Paracentrotus lividus</i>) nucleosomal H3 and H2A and linker H1 β -histone genes is modulated by enhancer and chromatin insulator. <i>Nucleic Acids Research</i> , 2009, 37, 7407-7415.	14.5	17
17	Histones, Their Variants and Post-translational Modifications in Zebrafish Development. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 456.	3.7	15
18	Composition and geographic variation of the bacterial microbiota associated with the coelomic fluid of the sea urchin <i>Paracentrotus lividus</i> . <i>Scientific Reports</i> , 2020, 10, 21443.	3.3	12

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19	Down-regulation of Early Sea Urchin Histone H2A Gene Relies on cis Regulative Sequences Located in the 5' and 3' Regions and Including the Enhancer Blocker sns. <i>Journal of Molecular Biology</i> , 2004, 342, 1367-1377.	4.2	9
20	Diversification of spatiotemporal expression and copy number variation of the echinoid <i>hbox12/pmar1/micro1</i> multigene family. <i>PLoS ONE</i> , 2017, 12, e0174404.	2.5	9
21	Symmetry Breaking and Establishment of Dorsal/Ventral Polarity in the Early Sea Urchin Embryo. <i>Symmetry</i> , 2015, 7, 1721-1733.	2.2	7
22	Novel Translational Read-through Inducing Drugs as a Therapeutic Option for Shwachman-Diamond Syndrome. <i>Biomedicines</i> , 2022, 10, 886.	3.2	7
23	Perturbation of Developmental Regulatory Gene Expression by a G-Quadruplex DNA Inducer in the Sea Urchin Embryo. <i>Biochemistry</i> , 2018, 57, 4391-4394.	2.5	6
24	Functional Studies of Regulatory Genes in the Sea Urchin Embryo. <i>Methods in Molecular Biology</i> , 2009, 518, 175-188.	0.9	6
25	The Sea Urchins 5' Chromatin Insulator Shapes the Chromatin Architecture of a Lentivirus Vector Integrated in the Mammalian Genome. <i>Nucleic Acid Therapeutics</i> , 2016, 26, 318-326.	3.6	4
26	Developmental effects of the protein kinase inhibitor kenpaullone on the sea urchin embryo. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2018, 204, 36-44.	2.6	3
27	Histone-mediated transgenerational epigenetics. , 2019, , 157-183.		3
28	Roles of the Core Components of the Mammalian miRISC in Chromatin Biology. <i>Genes</i> , 2022, 13, 414.	2.4	3
29	EGFR signalling is required for <i>Paracentrotus lividus</i> endomesoderm specification. <i>Archives of Biochemistry and Biophysics</i> , 2008, 474, 167-174.	3.0	2
30	Evaluation of Epigenetic and Radiomodifying Effects during Radiotherapy Treatments in Zebrafish. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9053.	4.1	2
31	Trans-Reactivation: A New Epigenetic Phenomenon Underlying Transcriptional Reactivation of Silenced Genes. <i>PLoS Genetics</i> , 2015, 11, e1005444.	3.5	1
32	Model organisms and their application in environmental epigenetics. , 2020, , 67-87.		1