

Alessandra Salvetti

List of Publications by Year in descending order

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64
papers

2,776
citations

186265

28
h-index

175258

52
g-index

69
all docs

69
docs citations

69
times ranked

5117
citing authors

#	ARTICLE	IF	CITATIONS
1	Vitamin C Improves Endothelium-Dependent Vasodilation by Restoring Nitric Oxide Activity in Essential Hypertension. <i>Circulation</i> , 1998, 97, 2222-2229.	1.6	682
2	DjPum, a homologue of <i>Drosophila Pumilio</i> , is essential to planarian stem cell maintenance. <i>Development (Cambridge)</i> , 2005, 132, 1863-1874.	2.5	148
3	DjPiwi-1, a member of the PAZ-Piwi gene family, defines a subpopulation of planarian stem cells. <i>Development Genes and Evolution</i> , 2006, 216, 335-346.	0.9	108
4	AnMCM2-related gene is expressed in proliferating cells of intact and regenerating planarians. <i>Developmental Dynamics</i> , 2000, 218, 603-614.	1.8	98
5	Screening in Planarians Identifies MORN2 as a Key Component in LC3-Associated Phagocytosis and Resistance to Bacterial Infection. <i>Cell Host and Microbe</i> , 2014, 16, 338-350.	11.0	95
6	Deciphering the molecular machinery of stem cells: a look at the neoblast gene expression profile. <i>Genome Biology</i> , 2007, 8, R62.	9.6	88
7	Peripheral benzodiazepine receptor ligands: mitochondrial transmembrane potential depolarization and apoptosis induction in rat C6 glioma cells. <i>Biochemical Pharmacology</i> , 2004, 68, 125-134.	4.4	87
8	<i>In vivo</i> biocompatibility of boron nitride nanotubes: Effects on stem cell biology and tissue regeneration in planarians. <i>Nanomedicine</i> , 2015, 10, 1911-1922.	3.3	85
9	The genetic network of prototypic planarian eye regeneration is Pax6 independent. <i>Development (Cambridge)</i> , 2002, 129, 1423-1434.	2.5	84
10	Molecular and Cellular Basis of Regeneration and Tissue Repair. <i>Cellular and Molecular Life Sciences</i> , 2008, 65, 16-23.	5.4	79
11	Djeyes absent (Djeya) controls prototypic planarian eye regeneration by cooperating with the transcription factor Djsix-1. <i>Developmental Biology</i> , 2004, 269, 346-359.	2.0	76
12	Context-dependent miR-204 and miR-211 affect the biological properties of amelanotic and melanotic melanoma cells. <i>Oncotarget</i> , 2017, 8, 25395-25417.	1.8	64
13	Soluble e-selectin in essential hypertension: a correlate of vascular structural changes. <i>American Journal of Hypertension</i> , 2001, 14, 259-266.	2.0	56
14	Drugs targeting the mitochondrial pore act as cytotoxic and cytostatic agents in temozolomide-resistant glioma cells. <i>Journal of Translational Medicine</i> , 2009, 7, 13.	4.4	50
15	Adult stem cell plasticity: Neoblast repopulation in non-lethally irradiated planarians. <i>Developmental Biology</i> , 2009, 328, 305-314.	2.0	47
16	mTOR Modulates Methamphetamine-Induced Toxicity through Cell Clearing Systems. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-22.	4.0	45
17	Host and symbiont intraspecific variability: The case of <i>Paramecium calkinsi</i> and <i>Candidatus Trichorickettsia mobilis</i> . <i>European Journal of Protistology</i> , 2018, 62, 79-94.	1.5	44
18	Renal vasodilating capacity and endothelial function are impaired in patients with obstructive sleep apnea syndrome and no traditional cardiovascular risk factors. <i>Journal of Hypertension</i> , 2013, 31, 1456-1464.	0.5	39

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19	The Autophagoproteasome a Novel Cell Clearing Organelle in Baseline and Stimulated Conditions. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 78.	1.7	38
20	An RbAp48-like gene regulates adult stem cells in planarians. <i>Journal of Cell Science</i> , 2010, 123, 690-698.	2.0	37
21	Expression of DjY1, a Protein Containing a Cold Shock Domain and RG Repeat Motifs, Is Targeted to Sites of Regeneration in Planarians. <i>Developmental Biology</i> , 1998, 201, 217-229.	2.0	34
22	Effect of starvation and chlormethiazole on cytochrome P450s of rat nasal mucosa. <i>Biochemical Pharmacology</i> , 2000, 59, 1425-1432.	4.4	34
23	New Insights into the Potential Roles of 3-Iodothyronamine (T1AM) and Newly Developed Thyronamine-Like TAAR1 Agonists in Neuroprotection. <i>Frontiers in Pharmacology</i> , 2017, 8, 905.	3.5	34
24	PK 11195 differentially affects cell survival in human wild-type and 18 kDa translocator protein-silenced ADF astrocytoma cells. <i>Journal of Cellular Biochemistry</i> , 2008, 105, 712-723.	2.6	33
25	TSPO over-expression increases motility, transmigration and proliferation properties of C6 rat glioma cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2008, 1782, 118-125.	3.8	33
26	The genetic network of prototypic planarian eye regeneration is Pax6 independent. <i>Development (Cambridge)</i> , 2002, 129, 1423-34.	2.5	33
27	Characterization of secreted vesicles from vascular smooth muscle cells. <i>Molecular BioSystems</i> , 2014, 10, 1146.	2.9	32
28	Prohibitin 2 Regulates Cell Proliferation and Mitochondrial Cristae Morphogenesis in Planarian Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2014, 10, 871-887.	5.6	32
29	Antitumoral effects of attenuated <i>Listeria monocytogenes</i> in a genetically engineered mouse model of melanoma. <i>Oncogene</i> , 2019, 38, 3756-3762.	5.9	30
30	Peripheral Benzodiazepine Receptor: Characterization in Human T-Lymphoma Jurkat Cells. <i>Molecular Pharmacology</i> , 2006, 69, 37-44.	2.3	27
31	Cloning, tissue expression, and inducibility of CYP 3A79 from sea bass (<i>Dicentrarchus labrax</i>). <i>Journal of Biochemical and Molecular Toxicology</i> , 2007, 21, 32-40.	3.0	25
32	Dynamics of interaction and effects of microplastics on planarian tissue regeneration and cellular homeostasis. <i>Aquatic Toxicology</i> , 2020, 218, 105354.	4.0	25
33	Characterization of DeY1, a novel Y-box gene specifically expressed in differentiating male germ cells of planarians. <i>Gene Expression Patterns</i> , 2002, 2, 195-200.	0.8	24
34	The silencing of adenine nucleotide translocase isoform 1 induces oxidative stress and programmed cell death in ADF human glioblastoma cells. <i>FEBS Journal</i> , 2010, 277, 2853-2867.	4.7	24
35	PIGA (N,N-Di-n-butyl-5-chloro-2-(4-chlorophenyl)indol-3-ylglyoxylamide), a New Mitochondrial Benzodiazepine-Receptor Ligand, Induces Apoptosis in C6 glioma Cells. <i>ChemBioChem</i> , 2005, 6, 1082-1088.	2.6	21
36	Capsid protein expression and adeno-associated virus like particles assembly in <i>Saccharomyces cerevisiae</i> . <i>Microbial Cell Factories</i> , 2012, 11, 124.	4.0	20

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37	Planarian stem cell niche, the challenge for understanding tissue regeneration. <i>Seminars in Cell and Developmental Biology</i> , 2019, 87, 30-36.	5.0	20
38	Effects of Î²-naphthoflavone on the cytochrome P450 system, and phase II enzymes in gilthead seabream (<i>Sparus aurata</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2001, 130, 133-144.	2.6	19
39	Stem cell and tissue regeneration analysis in low-dose irradiated planarians treated with cerium oxide nanoparticles. <i>Materials Science and Engineering C</i> , 2020, 115, 111113.	7.3	19
40	Two msh/msx-related genes, Djmsh1 and Djmsh2, contribute to the early blastema growth during planarian head regeneration. <i>International Journal of Developmental Biology</i> , 2008, 52, 943-952.	0.6	17
41	Stem cells and neural signalling: the case of neoblast recruitment and plasticity in low dose X-ray treated planarians. <i>International Journal of Developmental Biology</i> , 2012, 56, 135-142.	0.6	17
42	Stem Cells and Innate Immunity in Aquatic Invertebrates: Bridging Two Seemingly Disparate Disciplines for New Discoveries in Biology. <i>Frontiers in Immunology</i> , 2021, 12, 688106.	4.8	17
43	A karyological study on populations of <i>Dugesia gonocephala</i> .I. (Turbellaria, Tricladida). <i>Italian Journal of Zoology</i> , 1999, 66, 245-253.	0.6	16
44	Insight into stem cell regulation from sub-lethally irradiated worms. <i>Gene</i> , 2018, 662, 37-45.	2.2	16
45	Putrescine independent wound response phenotype is produced by ODC-like RNAi in planarians. <i>Scientific Reports</i> , 2017, 7, 9736.	3.3	15
46	Heterogenous effects of anthraquinones on drug-metabolizing enzymes in the liver and small intestine of rat. <i>Chemico-Biological Interactions</i> , 2000, 126, 63-77.	4.0	13
47	<i>Candidatus</i> <i>Trichorickettsia mobilis</i> , a <i>Rickettsiales</i> bacterium, can be transiently transferred from the unicellular eukaryote <i>Paramecium</i> to the planarian <i>Dugesia japonica</i> . <i>PeerJ</i> , 2020, 8, e8977.	2.0	11
48	Bcl2-low-expressing MCF7 cells undergo necrosis rather than apoptosis upon staurosporine treatment. <i>Biochemical Journal</i> , 2004, 379, 823-832.	3.7	9
49	Suppression of Pituitary Hormone Genes in Subjects Who Died From COVID-19 Independently of Virus Detection in the Gland. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 2243-2253.	3.6	9
50	Effects of Î²-naphthoflavone, phenobarbital and dichlobenil on the drug-metabolizing system of liver and nasal mucosa of Italian water frogs. <i>Aquatic Toxicology</i> , 2004, 69, 259-270.	4.0	8
51	Chlorophyll derivatives enhance invertebrate red-light and ultraviolet phototaxis. <i>Scientific Reports</i> , 2017, 7, 3374.	3.3	8
52	Development of a yeast-based system to identify new hBRAV600E functional interactors. <i>Oncogene</i> , 2019, 38, 1355-1366.	5.9	8
53	Glutathione-S-transferase omega 1 and nurse cell formation during experimental <i>Trichinella</i> infection. <i>Veterinary Parasitology</i> , 2020, 297, 109114.	1.8	6
54	Repeated DNA elements in planarians of the <i>Dugesia gonocephala</i> group (Platyhelminthes, Tricladida). <i>Hydrobiologia</i> , 1998, 383, 139-146.	2.0	5

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55	An antibody-free strategy for screening putative HDM2 inhibitors using crude bacterial lysates expressing GST-HDM2 recombinant protein. <i>Drug Testing and Analysis</i> , 2013, 5, 596-601.	2.6	4
56	5-Fluorouracil-treated planarians, a versatile model system for studying stem cell heterogeneity and tissue aging. <i>Biology of the Cell</i> , 2020, 112, 335-348.	2.0	4
57	Artificially altered gravity elicits cell homeostasis imbalance in planarian worms, and cerium oxide nanoparticles counteract this effect. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 2322-2333.	4.0	4
58	Regeneration in starved planarians depends on TRiC/CCT subunits modulating the unfolded protein response. <i>EMBO Reports</i> , 2021, 22, e52905.	4.5	4
59	Sub-Lethal 5-Fluorouracil Dose Challenges Planarian Stem Cells Promoting Transcriptional Profile Changes in the Pluripotent Sigma-Class Neoblasts. <i>Biomolecules</i> , 2021, 11, 949.	4.0	4
60	A molecular cytogenetic comparison of planarians from the <i>Dugesia gonocephala</i> group (Platyhelminthes, Tricladida). <i>Italian Journal of Zoology</i> , 1999, 66, 239-244.	0.6	3
61	Genetic regulation of planarian head morphogenesis during regeneration. <i>Italian Journal of Zoology</i> , 2006, 73, 295-301.	0.6	3
62	Captopril at 50 mg as well as at 100 mg once a day reduces blood pressure for up to 24 h. <i>Journal of Hypertension</i> , 1988, 6, S666-668.	0.5	2
63	Trough:peak ratio of the blood pressure response to angiotensin converting enzyme inhibitors. <i>Journal of Hypertension Supplement: Official Journal of the International Society of Hypertension</i> , 1994, 12, S91-4; discussion S94-5.	0.1	2
64	Morphology, clearing efficacy, and mTOR dependency of the organelle autophagoproteasome. <i>European Journal of Histochemistry</i> , 2021, 65, .	1.5	1