Alessandra Salvetti

List of Publications by Year
in descending order

64	2,776	186209 28	175177 52
papers	citations	h-index	g-index

69	69	69	5117
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Vitamin C Improves Endothelium-Dependent Vasodilation by Restoring Nitric Oxide Activity in Essential Hypertension. Circulation, 1998, 97, 2222-2229.	1.6	682
2	DjPum, a homologue of Drosophila Pumilio, is essential to planarian stem cell maintenance. Development (Cambridge), 2005, 132, 1863-1874.	1.2	148
3	DjPiwi-1, a member of the PAZ-Piwi gene family, defines a subpopulation of planarian stem cells. Development Genes and Evolution, 2006, 216, 335-346.	0.4	108
4	AnMCM2-related gene is expressed in proliferating cells of intact and regenerating planarians. Developmental Dynamics, 2000, 218, 603-614.	0.8	98
5	Screening in Planarians Identifies MORN2 as a Key Component in LC3-Associated Phagocytosis and Resistance to Bacterial Infection. Cell Host and Microbe, 2014, 16, 338-350.	5.1	95
6	Deciphering the molecular machinery of stem cells: a look at the neoblast gene expression profile. Genome Biology, 2007, 8, R62.	13.9	88
7	Peripheral benzodiazepine receptor ligands: mitochondrial transmembrane potential depolarization and apoptosis induction in rat C6 glioma cells. Biochemical Pharmacology, 2004, 68, 125-134.	2.0	87
8	In vivo biocompatibility of boron nitride nanotubes: Effects on stem cell biology and tissue regeneration in planarians. Nanomedicine, 2015, 10, 1911-1922.	1.7	85
9	The genetic network of prototypic planarian eye regeneration is Pax6 independent. Development (Cambridge), 2002, 129, 1423-1434.	1.2	84
10	Molecular and Cellular Basis of Regeneration and Tissue Repair. Cellular and Molecular Life Sciences, 2008, 65, 16-23.	2.4	79
11	Djeyes absent (Djeya) controls prototypic planarian eye regeneration by cooperating with the transcription factor Djsix-1. Developmental Biology, 2004, 269, 346-359.	0.9	76
12	Context-dependent miR-204 and miR-211 affect the biological properties of amelanotic and melanotic melanoma cells. Oncotarget, 2017, 8, 25395-25417.	0.8	64
13	Soluble e-selectin in essential hypertension: a correlate of vascular structural changes. American Journal of Hypertension, 2001, 14, 259-266.	1.0	56
14	Drugs targeting the mitochondrial pore act as citotoxic and cytostatic agents in temozolomide-resistant glioma cells. Journal of Translational Medicine, 2009, 7, 13.	1.8	50
15	Adult stem cell plasticity: Neoblast repopulation in non-lethally irradiated planarians. Developmental Biology, 2009, 328, 305-314.	0.9	47
16	mTOR Modulates Methamphetamine-Induced Toxicity through Cell Clearing Systems. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-22.	1.9	45
17	Host and symbiont intraspecific variability: The case of Paramecium calkinsi and â€œ Candidatus Trichorickettsia mobilisâ€• European Journal of Protistology, 2018, 62, 79-94.	0.5	44
18	Renal vasodilating capacity and endothelial function are impaired in patients with obstructive sleep apnea syndrome and no traditional cardiovascular risk factors. Journal of Hypertension, 2013, 31, 1456-1464.	0.3	39

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19	The Autophagoproteasome a Novel Cell Clearing Organelle in Baseline and Stimulated Conditions. Frontiers in Neuroanatomy, 2016, 10, 78.	0.9	38
20	An RbAp48-like gene regulates adult stem cells in planarians. Journal of Cell Science, 2010, 123, 690-698.	1.2	37
21	Expression of DjY1, a Protein Containing a Cold Shock Domain and RG Repeat Motifs, Is Targeted to Sites of Regeneration in Planarians. Developmental Biology, 1998, 201, 217-229.	0.9	34
22	Effect of starvation and chlormethiazole on cytochrome P450s of rat nasal mucosa. Biochemical Pharmacology, 2000, 59, 1425-1432.	2.0	34
23	New Insights into the Potential Roles of 3-Iodothyronamine (T1AM) and Newly Developed Thyronamine-Like TAAR1 Agonists in Neuroprotection. Frontiers in Pharmacology, 2017, 8, 905.	1.6	34
24	PK 11195 differentially affects cell survival in human wildâ€type and 18 kDa translocator proteinâ€silenced ADF astrocytoma cells. Journal of Cellular Biochemistry, 2008, 105, 712-723.	1.2	33
25	TSPO over-expression increases motility, transmigration and proliferation properties of C6 rat glioma cells. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2008, 1782, 118-125.	1.8	33
26	The genetic network of prototypic planarian eye regeneration is Pax6 independent. Development (Cambridge), 2002, 129, 1423-34.	1.2	33
27	Characterization of secreted vesicles from vascular smooth muscle cells. Molecular BioSystems, 2014, 10, 1146.	2.9	32
28	Prohibitin 2 Regulates Cell Proliferation and Mitochondrial Cristae Morphogenesis in Planarian Stem Cells. Stem Cell Reviews and Reports, 2014, 10, 871-887.	5.6	32
29	Antitumoral effects of attenuated Listeria monocytogenes in a genetically engineered mouse model of melanoma. Oncogene, 2019, 38, 3756-3762.	2.6	30
30	Peripheral Benzodiazepine Receptor: Characterization in Human T-Lymphoma Jurkat Cells. Molecular Pharmacology, 2006, 69, 37-44.	1.0	27
31	Cloning, tissue expression, and inducibility of CYP 3A79 from sea bass (Dicentrarchus labrax). Journal of Biochemical and Molecular Toxicology, 2007, 21, 32-40.	1.4	25
32	Dynamics of interaction and effects of microplastics on planarian tissue regeneration and cellular homeostasis. Aquatic Toxicology, 2020, 218, 105354.	1.9	25
33	Characterization of DeY1, a novel Y-box gene specifically expressed in differentiating male germ cells of planarians. Gene Expression Patterns, 2002, 2, 195-200.	0.3	24
34	The silencing of adenine nucleotide translocase isoform 1 induces oxidative stress and programmed cell death in ADF human glioblastoma cells. FEBS Journal, 2010, 277, 2853-2867.	2.2	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. ChemBioChem, 2005, 6, 1082-1088.	1.3	21
36	Capsid protein expression and adeno-associated virus like particles assembly in Saccharomyces cerevisiae. Microbial Cell Factories, 2012, 11, 124.	1.9	20

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37	Planarian stem cell niche, the challenge for understanding tissue regeneration. Seminars in Cell and Developmental Biology, 2019, 87, 30-36.	2.3	20
38	Effects of Î²-naphthoflavone on the cytochrome P450 system, and phase II enzymes in gilthead seabream (Sparus aurata). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2001, 130, 133-144.	1.3	19
39	Stem cell and tissue regeneration analysis in low-dose irradiated planarians treated with cerium oxide nanoparticles. Materials Science and Engineering C, 2020, 115, 111113.	3.8	19
40	Two msh/msx-related genes, Djmsh1 and Djmsh2, contribute to the early blastema growth during planarian head regeneration. International Journal of Developmental Biology, 2008, 52, 943-952.	0.3	17
41	Stem cells and neural signalling: the case of neoblast recruitment and plasticity in low dose X-ray treated planarians. International Journal of Developmental Biology, 2012, 56, 135-142.	0.3	17
42	Stem Cells and Innate Immunity in Aquatic Invertebrates: Bridging Two Seemingly Disparate Disciplines for New Discoveries in Biology. Frontiers in Immunology, 2021, 12, 688106.	2.2	17
43	A karyological study on populations ofDugesia gonocephalas.I. (Turbellaria, Tricladida). Italian Journal of Zoology, 1999, 66, 245-253.	0.6	16
44	Insight into stem cell regulation from sub-lethally irradiated worms. Gene, 2018, 662, 37-45.	1.0	16
45	Putrescine independent wound response phenotype is produced by ODC-like RNAi in planarians. Scientific Reports, 2017, 7, 9736.	1.6	15
46	Heterogenous effects of anthraquinones on drug-metabolizing enzymes in the liver and small intestine of rat. Chemico-Biological Interactions, 2000, 126, 63-77.	1.7	13
47	â€œCandidatus Trichorickettsia mobilisâ€, a Rickettsiales bacterium, can be transiently transferred from the unicellular eukaryote Paramecium to the planarian Dugesia japonica. PeerJ, 2020, 8, e8977.	0.9	11
48	Bcl2-low-expressing MCF7 cells undergo necrosis rather than apoptosis upon staurosporine treatment. Biochemical Journal, 2004, 379, 823-832.	1.7	9
49	Suppression of Pituitary Hormone Genes in Subjects Who Died From COVID-19 Independently of Virus Detection in the Gland. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 2243-2253.	1.8	9
50	Effects of Î²-naphthoflavone, phenobarbital and dichlobenil on the drug-metabolizing system of liver and nasal mucosa of Italian water frogs. Aquatic Toxicology, 2004, 69, 259-270.	1.9	8
51	Chlorophyll derivatives enhance invertebrate red-light and ultraviolet phototaxis. Scientific Reports, 2017, 7, 3374.	1.6	8
52	Development of a yeast-based system to identify new hBRAFV600E functional interactors. Oncogene, 2019, 38, 1355-1366.	2.6	8
53	Glutathione-S-transferase omega 1 and nurse cell formation during experimental Trichinella infection. Veterinary Parasitology, 2020, 297, 109114.	0.7	6
54	Repeated DNA elements in planarians of the Dugesia gonocephala group (Platyhelminthes, Tricladida). Hydrobiologia, 1998, 383, 139-146.	1.0	5

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55	An antibodyâ€free strategy for screening putative HDM2 inhibitors using crude bacterial lysates expressing GSTâ€HDM2 recombinant protein. Drug Testing and Analysis, 2013, 5, 596-601.	1.6	4
56	5â€Fluorouracilâ€treated planarians, a versatile model system for studying stem cell heterogeneity and tissue aging. Biology of the Cell, 2020, 112, 335-348.	0.7	4
57	Artificially altered gravity elicits cell homeostasis imbalance in planarian worms, and cerium oxide nanoparticles counteract this effect. Journal of Biomedical Materials Research - Part A, 2021, 109, 2322-2333.	2.1	4
58	Regeneration in starved planarians depends on TRiC/CCT subunits modulating the unfolded proteinÂresponse. EMBO Reports, 2021, 22, e52905.	2.0	4
59	Sub-Lethal 5-Fluorouracil Dose Challenges Planarian Stem Cells Promoting Transcriptional Profile Changes in the Pluripotent Sigma-Class Neoblasts. Biomolecules, 2021, 11, 949.	1.8	4
60	A molecular cytogenetic comparison of planarians from theâ€™Dugesia gonocephalagroupâ€™ (Platyhelminthes, Tricladida). Italian Journal of Zoology, 1999, 66, 239-244.	0.6	3
61	Genetic regulation of planarian head morphogenesis during regeneration. Italian Journal of Zoology, 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. Journal of Hypertension, 1988, 6, S666-668.	0.3	2
63	Trough:peak ratio of the blood pressure response to angiotensin converting enzyme inhibitors. Journal of Hypertension Supplement: Official Journal of the International Society of Hypertension, 1994, 12, S91-4; discussion S94-5.	0.1	2
64	Morphology, clearing efficacy, and mTOR dependency of the organelle autophagoproteasome. European Journal of Histochemistry, 2021, 65, .	0.6	1