

# Alessandra Salvetti

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

62  
papers

2,298  
citations

25  
h-index

47  
g-index

69  
ext. papers

2,555  
ext. citations

5.4  
avg, IF

4.27  
L-index

#	Paper	IF	Citations
62	Vitamin C improves endothelium-dependent vasodilation by restoring nitric oxide activity in essential hypertension. <i>Circulation</i> , <b>1998</b> , 97, 2222-9	16.7	625
61	DjPum, a homologue of Drosophila Pumilio, is essential to planarian stem cell maintenance. <i>Development (Cambridge)</i> , <b>2005</b> , 132, 1863-74	6.6	124
60	DjPiwi-1, a member of the PAZ-Piwi gene family, defines a subpopulation of planarian stem cells. <i>Development Genes and Evolution</i> , <b>2006</b> , 216, 335-46	1.8	94
59	An MCM2-related gene is expressed in proliferating cells of intact and regenerating planarians. <i>Developmental Dynamics</i> , <b>2000</b> , 218, 603-14	2.9	87
58	Peripheral benzodiazepine receptor ligands: mitochondrial transmembrane potential depolarization and apoptosis induction in rat C6 glioma cells. <i>Biochemical Pharmacology</i> , <b>2004</b> , 68, 125-34	6	81
57	Screening in planarians identifies MORN2 as a key component in LC3-associated phagocytosis and resistance to bacterial infection. <i>Cell Host and Microbe</i> , <b>2014</b> , 16, 338-50	23.4	79
56	Deciphering the molecular machinery of stem cells: a look at the neoblast gene expression profile. <i>Genome Biology</i> , <b>2007</b> , 8, R62	18.3	70
55	The genetic network of prototypic planarian eye regeneration is Pax6 independent. <i>Development (Cambridge)</i> , <b>2002</b> , 129, 1423-1434	6.6	70
54	Planarians, a tale of stem cells. <i>Cellular and Molecular Life Sciences</i> , <b>2008</b> , 65, 16-23	10.3	68
53	In vivo biocompatibility of boron nitride nanotubes: effects on stem cell biology and tissue regeneration in planarians. <i>Nanomedicine</i> , <b>2015</b> , 10, 1911-22	5.6	67
52	Djeyes absent (Djeya) controls prototypic planarian eye regeneration by cooperating with the transcription factor Djsix-1. <i>Developmental Biology</i> , <b>2004</b> , 269, 346-59	3.1	67
51	Context-dependent miR-204 and miR-211 affect the biological properties of amelanotic and melanotic melanoma cells. <i>Oncotarget</i> , <b>2017</b> , 8, 25395-25417	3.3	46
50	Soluble E-selectin in essential hypertension: a correlate of vascular structural changes. <i>American Journal of Hypertension</i> , <b>2001</b> , 14, 259-66	2.3	45
49	Drugs targeting the mitochondrial pore act as cytotoxic and cytostatic agents in temozolomide-resistant glioma cells. <i>Journal of Translational Medicine</i> , <b>2009</b> , 7, 13	8.5	44
48	Adult stem cell plasticity: neoblast repopulation in non-lethally irradiated planarians. <i>Developmental Biology</i> , <b>2009</b> , 328, 305-14	3.1	39
47	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> , <b>1998</b> , 201, 217-29	3.1	34
46	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> , <b>2013</b> , 31, 1456-64; discussion 1464	1.9	33

45	An RbAp48-like gene regulates adult stem cells in planarians. <i>Journal of Cell Science</i> , <b>2010</b> , 123, 690-8	5.3	33
44	The Autophagoproteasome a Novel Cell Clearing Organelle in Baseline and Stimulated Conditions. <i>Frontiers in Neuroanatomy</i> , <b>2016</b> , 10, 78	3.6	33
43	TSPO over-expression increases motility, transmigration and proliferation properties of C6 rat glioma cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2008</b> , 1782, 118-25	6.9	32
42	Effect of starvation and chlormethiazole on cytochrome P450s of rat nasal mucosa. <i>Biochemical Pharmacology</i> , <b>2000</b> , 59, 1425-32	6	32
41	The genetic network of prototypic planarian eye regeneration is Pax6 independent. <i>Development (Cambridge)</i> , <b>2002</b> , 129, 1423-34	6.6	32
40	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> , <b>2008</b> , 105, 712-23	4.7	31
39	mTOR Modulates Methamphetamine-Induced Toxicity through Cell Clearing Systems. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2018</b> , 2018, 6124745	6.7	30
38	Characterization of secreted vesicles from vascular smooth muscle cells. <i>Molecular BioSystems</i> , <b>2014</b> , 10, 1146-52		28
37	Cloning, tissue expression, and inducibility of CYP 3A79 from sea bass ( <i>Dicentrarchus labrax</i> ). <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2007</b> , 21, 32-40	3.4	25
36	New Insights into the Potential Roles of 3-Iodothyronamine (T1AM) and Newly Developed Thyronamine-Like TAAR1 Agonists in Neuroprotection. <i>Frontiers in Pharmacology</i> , <b>2017</b> , 8, 905	5.6	24
35	Peripheral benzodiazepine receptor: characterization in human T-lymphoma Jurkat cells. <i>Molecular Pharmacology</i> , <b>2006</b> , 69, 37-44	4.3	24
34	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> , <b>2005</b> , 6, 1082-8	3.8	21
33	Characterization of DeY1, a novel Y-box gene specifically expressed in differentiating male germ cells of planarians. <i>Gene Expression Patterns</i> , <b>2002</b> , 2, 195-200	1.5	20
32	Prohibitin 2 regulates cell proliferation and mitochondrial cristae morphogenesis in planarian stem cells. <i>Stem Cell Reviews and Reports</i> , <b>2014</b> , 10, 871-87	6.4	19
31	Capsid protein expression and adeno-associated virus like particles assembly in <i>Saccharomyces cerevisiae</i> . <i>Microbial Cell Factories</i> , <b>2012</b> , 11, 124	6.4	17
30	Planarian stem cell niche, the challenge for understanding tissue regeneration. <i>Seminars in Cell and Developmental Biology</i> , <b>2019</b> , 87, 30-36	7.5	16
29	Host and symbiont intraspecific variability: The case of <i>Paramecium calkinsi</i> and "Candidatus <i>Trichorickettsia mobilis</i> ". <i>European Journal of Protistology</i> , <b>2018</b> , 62, 79-94	3.6	15
28	The silencing of adenine nucleotide translocase isoform 1 induces oxidative stress and programmed cell death in ADF human glioblastoma cells. <i>FEBS Journal</i> , <b>2010</b> , 277, 2853-67	5.7	15

27	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> , <b>2008</b> , 52, 943-52	1.9	15
26	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> , <b>2012</b> , 56, 135-42	1.9	14
25	Effects of beta-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> , <b>2001</b> , 130, 133-44	3.2	13
24	Dynamics of interaction and effects of microplastics on planarian tissue regeneration and cellular homeostasis. <i>Aquatic Toxicology</i> , <b>2020</b> , 218, 105354	5.1	13
23	Heterogenous effects of anthraquinones on drug-metabolizing enzymes in the liver and small intestine of rat. <i>Chemico-Biological Interactions</i> , <b>2000</b> , 126, 63-77	5	12
22	A karyological study on populations of <i>Dugesia gonocephala</i> s.l. (Turbellaria, Tricladida). <i>Italian Journal of Zoology</i> , <b>1999</b> , 66, 245-253		12
21	Antitumoral effects of attenuated <i>Listeria monocytogenes</i> in a genetically engineered mouse model of melanoma. <i>Oncogene</i> , <b>2019</b> , 38, 3756-3762	9.2	11
20	Stem cell and tissue regeneration analysis in low-dose irradiated planarians treated with cerium oxide nanoparticles. <i>Materials Science and Engineering C</i> , <b>2020</b> , 115, 111113	8.3	10
19	Bcl2-low-expressing MCF7 cells undergo necrosis rather than apoptosis upon staurosporine treatment. <i>Biochemical Journal</i> , <b>2004</b> , 379, 823-32	3.8	9
18	Insight into stem cell regulation from sub-lethally irradiated worms. <i>Gene</i> , <b>2018</b> , 662, 37-45	3.8	8
17	Effects of beta-naphthoflavone, phenobarbital and dichlobenil on the drug-metabolizing system of liver and nasal mucosa of Italian water frogs. <i>Aquatic Toxicology</i> , <b>2004</b> , 69, 259-70	5.1	8
16	" <i>Trichorickettsia mobilis</i> ", a bacterium, can be transiently transferred from the unicellular eukaryote to the planarian. <i>PeerJ</i> , <b>2020</b> , 8, e8977	3.1	8
15	Putrescine independent wound response phenotype is produced by ODC-like RNAi in planarians. <i>Scientific Reports</i> , <b>2017</b> , 7, 9736	4.9	7
14	Chlorophyll derivatives enhance invertebrate red-light and ultraviolet phototaxis. <i>Scientific Reports</i> , <b>2017</b> , 7, 3374	4.9	7
13	Glutathione-S-transferase omega 1 and nurse cell formation during experimental <i>Trichinella</i> infection. <i>Veterinary Parasitology</i> , <b>2021</b> , 297, 109114	2.8	4
12	Repeated DNA elements in planarians of the <i>Dugesia gonocephala</i> group (Platyhelminthes, Tricladida). <i>Hydrobiologia</i> , <b>1998</b> , 383, 139-146	2.4	4
11	An antibody-free strategy for screening putative HDM2 inhibitors using crude bacterial lysates expressing GST-HDM2 recombinant protein. <i>Drug Testing and Analysis</i> , <b>2013</b> , 5, 596-601	3.5	3
10	A molecular cytogenetic comparison of planarians from the <i>Dugesia gonocephala</i> group (Platyhelminthes, Tricladida). <i>Italian Journal of Zoology</i> , <b>1999</b> , 66, 239-244		3

9	Development of a yeast-based system to identify new hBRAFV600E functional interactors. <i>Oncogene</i> , <b>2019</b> , 38, 1355-1366	9.2	3
8	Genetic regulation of planarian head morphogenesis during regeneration. <i>Italian Journal of Zoology</i> , <b>2006</b> , 73, 295-301		2
7	Captopril at 50 mg as well as at 100 mg once a day reduces blood pressure for up to 24 h: a double-blind randomized crossover study in mild to moderate hypertensives. <i>Journal of Hypertension</i> , <b>1988</b> , 6, S666-8	1.9	2
6	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> , <b>1994</b> , 12, S91-4; discussion S94-5		2
5	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> , <b>2021</b> , 109, 2322-2333	5.4	2
4	Stem Cells and Innate Immunity in Aquatic Invertebrates: Bridging Two Seemingly Disparate Disciplines for New Discoveries in Biology. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 688106	8.4	2
3	5-Fluorouracil-treated planarians, a versatile model system for studying stem cell heterogeneity and tissue aging. <i>Biology of the Cell</i> , <b>2020</b> , 112, 335-348	3.5	1
2	Regeneration in starved planarians depends on TRiC/CCT subunits modulating the unfolded protein response. <i>EMBO Reports</i> , <b>2021</b> , 22, e52905	6.5	1
1	Morphology, clearing efficacy, and mTOR dependency of the organelle autophagoproteasome. <i>European Journal of Histochemistry</i> , <b>2021</b> , 65,	2.1	1