Francesc Cebria

List of Publications by Year
in descending order

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42 papers	2,962 citations	218677 26 h-index	276875 41 g-index
45 all docs	45 docs citations	45 times ranked	1649 citing authors

#	Article	IF	Citations
1	Ingestion of bacterially expressed double-stranded RNA inhibits gene expression in planarians. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 11861-11865.	7.1	260
2	Planarian homologs of netrin and netrin receptor are required for proper regeneration of the central nervous system and the maintenance of nervous system architecture. Development (Cambridge), 2005, 132, 3691-3703.	2.5	254
3	FGFR-related gene nou-darake restricts brain tissues to the head region of planarians. Nature, 2002, 419, 620-624.	27.8	244
4	Origin and evolutionary process of the CNS elucidated by comparative genomics analysis of planarian ESTs. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 7666-7671.	7.1	172
5	The BMP pathway is essential for re-specification and maintenance of the dorsoventral axis in regenerating and intact planarians. Developmental Biology, 2007, 311, 79-94.	2.0	147
6	The planarian flatworm: an in vivo model for stem cell biology and nervous system regeneration. DMM Disease Models and Mechanisms, 2011, 4, 12-19.	2.4	146
7	Dissecting planarian central nervous system regeneration by the expression of neural-specific genes. Development Growth and Differentiation, 2002, 44, 135-146.	1.5	120
8	Regenerating the central nervous system: how easy for planarians!. Development Genes and Evolution, 2007, 217, 733-748.	0.9	120
9	Regeneration and maintenance of the planarian midline is regulated by a slit orthologue. Developmental Biology, 2007, 307, 394-406.	2.0	116
10	The expression of neural-specific genes reveals the structural and molecular complexity of the planarian central nervous system. Mechanisms of Development, 2002, 116, 199-204.	1.7	113
11	EGFR signaling regulates cell proliferation, differentiation and morphogenesis during planarian regeneration and homeostasis. Developmental Biology, 2011, 354, 87-101.	2.0	102
12	Planarian regeneration: achievements and future directions after 20 years of research. International Journal of Developmental Biology, 2009, 53, 1317-1327.	0.6	99
13	Reactive Oxygen Species in Planarian Regeneration: An Upstream Necessity for Correct Patterning and Brain Formation. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-19.	4.0	96
14	Noggin and Noggin-Like Genes Control Dorsoventral Axis Regeneration in Planarians. Current Biology, 2011, 21, 300-305.	3.9	93
15	Gradients in Planarian Regeneration and Homeostasis. Cold Spring Harbor Perspectives in Biology, 2010, 2, a000505-a000505.	5.5	90
16	Organization of the nervous system in the model planarian Schmidtea mediterranea: An immunocytochemical study. Neuroscience Research, 2008, 61, 375-384.	1.9	88
17	Morphogenesis defects are associated with abnormal nervous system regeneration following roboA RNAi in planarians. Development (Cambridge), 2007, 134, 833-837.	2.5	77
18	Search for the Evolutionary Origin of a Brain: Planarian Brain Characterized by Microarray. Molecular Biology and Evolution, 2003, 20, 784-791.	8.9	73

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19	Myocyte differentiation and body wall muscle regeneration in the planarian Girardia tigrina. Development Genes and Evolution, 1997, 207, 306-316.	0.9	57
20	Smed454 dataset: unravelling the transcriptome of Schmidtea mediterranea. BMC Genomics, 2010, 11, 731.	2.8	48
21	egr-4, a target of EGFR signaling, is required for the formation of the brain primordia and head regeneration in planarians. Development (Cambridge), 2014, 141, 1835-1847.	2.5	48
22	The use of lectins as markers for differentiated secretory cells in planarians. Developmental Dynamics, 2010, 239, 2888-2897.	1.8	47
23	Expression pattern of the expanded noggin gene family in the planarian Schmidtea mediterranea. Gene Expression Patterns, 2009, 9, 246-253.	0.8	38
24	Regeneration of neuronal cell types in Schmidtea mediterranea: an immunohistochemical and expression study. International Journal of Developmental Biology, 2012, 56, 143-153.	0.6	38
25	The EGFR signaling pathway controls gut progenitor differentiation during planarian regeneration and homeostasis. Development (Cambridge), 2016, 143, 2089-102.	2.5	37
26	Rebuilding a planarian: from early signaling to final shape. International Journal of Developmental Biology, 2018, 62, 537-550.	0.6	36
27	Planarian Body-Wall Muscle: Regeneration and Function beyond a Simple Skeletal Support. Frontiers in Cell and Developmental Biology, 2016, 4, 8.	3.7	34
28	Evolution of the EGFR pathway in Metazoa and its diversification in the planarian Schmidtea mediterranea. Scientific Reports, 2016, 6, 28071.	3.3	32
29	Intercalary muscle cell renewal in planarian pharynx. Development Genes and Evolution, 1999, 209, 249-253.	0.9	24
30	Organizing the DV axis during planarian regeneration. Communicative and Integrative Biology, 2011, 4, 498-500.	1.4	15
31	Decoding Stem Cells: An Overview on Planarian Stem Cell Heterogeneity and Lineage Progression. Biomolecules, 2021, 11, 1532.	4.0	15
32	The role of the EGFR signaling pathway in stem cell differentiation during planarian regeneration and homeostasis. Seminars in Cell and Developmental Biology, 2019, 87, 45-57.	5.0	14
33	CREB-binding protein (CBP) gene family regulates planarian survival and stem cell differentiation. Developmental Biology, 2021, 476, 53-67.	2.0	14
34	Immunohistochemistry on Paraffin-Embedded Planarian Tissue Sections. Methods in Molecular Biology, 2018, 1774, 367-378.	0.9	11
35	Analyzing pERK Activation During Planarian Regeneration. Methods in Molecular Biology, 2017, 1487, 303-315.	0.9	10
36	Organizing the DV axis during planarian regeneration. Communicative and Integrative Biology, 2011, 4, 498-500.	1.4	10

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37	Smed-egfr-4 is required for planarian eye regeneration. International Journal of Developmental Biology, 2019, 63, 9-15.	0.6	7
38	FoxK1 is Required for Ectodermal Cell Differentiation During Planarian Regeneration. Frontiers in Cell and Developmental Biology, 2022, 10, 808045.	3.7	6
39	Marine planarians (Platyhelminthes: Tricladida: Maricola) from the western Mediterranean Sea and the Cantabrian coast: new records, one new genus, and immunocytochemistry of the nervous system. Journal of the Marine Biological Association of the United Kingdom, 2010, 90, 409-422.	0.8	5
40	New protocol to visualize gene expression in intact and regenerating adult planarians by whole-mount in situhybridization. Technical Tips Online, 1997, 2, 164-166.	0.2	2
41	Regeneration and Growth as Modes of Adult Development: The Platyhelminthes as a Case Study. , 2015, , 41-78.		2
42	Planarians are here to stay and to teach us a lot on regeneration. Seminars in Cell and Developmental Biology, 2019, 87, 1-2.	5.0	2