

# 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	FoxK1 is Required for Ectodermal Cell Differentiation During Planarian Regeneration. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 808045.	3.7	6
2	CREB-binding protein (CBP) gene family regulates planarian survival and stem cell differentiation. <i>Developmental Biology</i> , 2021, 476, 53-67.	2.0	14
3	Decoding Stem Cells: An Overview on Planarian Stem Cell Heterogeneity and Lineage Progression. <i>Biomolecules</i> , 2021, 11, 1532.	4.0	15
4	The role of the EGFR signaling pathway in stem cell differentiation during planarian regeneration and homeostasis. <i>Seminars in Cell and Developmental Biology</i> , 2019, 87, 45-57.	5.0	14
5	Planarians are here to stay and to teach us a lot on regeneration. <i>Seminars in Cell and Developmental Biology</i> , 2019, 87, 1-2.	5.0	2
6	Smed-egr-4 is required for planarian eye regeneration. <i>International Journal of Developmental Biology</i> , 2019, 63, 9-15.	0.6	7
7	Rebuilding a planarian: from early signaling to final shape. <i>International Journal of Developmental Biology</i> , 2018, 62, 537-550.	0.6	36
8	Immunohistochemistry on Paraffin-Embedded Planarian Tissue Sections. <i>Methods in Molecular Biology</i> , 2018, 1774, 367-378.	0.9	11
9	Analyzing pERK Activation During Planarian Regeneration. <i>Methods in Molecular Biology</i> , 2017, 1487, 303-315.	0.9	10
10	Planarian Body-Wall Muscle: Regeneration and Function beyond a Simple Skeletal Support. <i>Frontiers in Cell and Developmental Biology</i> , 2016, 4, 8.	3.7	34
11	The EGFR signaling pathway controls gut progenitor differentiation during planarian regeneration and homeostasis. <i>Development (Cambridge)</i> , 2016, 143, 2089-102.	2.5	37
12	Evolution of the EGFR pathway in Metazoa and its diversification in the planarian <i>Schmidtea mediterranea</i> . <i>Scientific Reports</i> , 2016, 6, 28071.	3.3	32
13	Reactive Oxygen Species in Planarian Regeneration: An Upstream Necessity for Correct Patterning and Brain Formation. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-19.	4.0	96
14	Regeneration and Growth as Modes of Adult Development: The Platyhelminthes as a Case Study. , 2015, , 41-78.		2
15	<i>egr-4</i> , a target of EGFR signaling, is required for the formation of the brain primordia and head regeneration in planarians. <i>Development (Cambridge)</i> , 2014, 141, 1835-1847.	2.5	48
16	Regeneration of neuronal cell types in <i>Schmidtea mediterranea</i> : an immunohistochemical and expression study. <i>International Journal of Developmental Biology</i> , 2012, 56, 143-153.	0.6	38
17	The planarian flatworm: an in vivo model for stem cell biology and nervous system regeneration. <i>DMM Disease Models and Mechanisms</i> , 2011, 4, 12-19.	2.4	146
18	EGFR signaling regulates cell proliferation, differentiation and morphogenesis during planarian regeneration and homeostasis. <i>Developmental Biology</i> , 2011, 354, 87-101.	2.0	102

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19	Noggin and Noggin-Like Genes Control Dorsoventral Axis Regeneration in Planarians. <i>Current Biology</i> , 2011, 21, 300-305.	3.9	93
20	Organizing the DV axis during planarian regeneration. <i>Communicative and Integrative Biology</i> , 2011, 4, 498-500.	1.4	15
21	Organizing the DV axis during planarian regeneration. <i>Communicative and Integrative Biology</i> , 2011, 4, 498-500.	1.4	10
22	The use of lectins as markers for differentiated secretory cells in planarians. <i>Developmental Dynamics</i> , 2010, 239, 2888-2897.	1.8	47
23	Gradients in Planarian Regeneration and Homeostasis. <i>Cold Spring Harbor Perspectives in Biology</i> , 2010, 2, a000505-a000505.	5.5	90
24	Smed454 dataset: unravelling the transcriptome of <i>Schmidtea mediterranea</i> . <i>BMC Genomics</i> , 2010, 11, 731.	2.8	48
25	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. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2010, 90, 409-422.	0.8	5
26	Planarian regeneration: achievements and future directions after 20 years of research. <i>International Journal of Developmental Biology</i> , 2009, 53, 1317-1327.	0.6	99
27	Expression pattern of the expanded noggin gene family in the planarian <i>Schmidtea mediterranea</i> . <i>Gene Expression Patterns</i> , 2009, 9, 246-253.	0.8	38
28	Organization of the nervous system in the model planarian <i>Schmidtea mediterranea</i> : An immunocytochemical study. <i>Neuroscience Research</i> , 2008, 61, 375-384.	1.9	88
29	Morphogenesis defects are associated with abnormal nervous system regeneration following roboA RNAi in planarians. <i>Development (Cambridge)</i> , 2007, 134, 833-837.	2.5	77
30	Regeneration and maintenance of the planarian midline is regulated by a slit orthologue. <i>Developmental Biology</i> , 2007, 307, 394-406.	2.0	116
31	The BMP pathway is essential for re-specification and maintenance of the dorsoventral axis in regenerating and intact planarians. <i>Developmental Biology</i> , 2007, 311, 79-94.	2.0	147
32	Regenerating the central nervous system: how easy for planarians!. <i>Development Genes and Evolution</i> , 2007, 217, 733-748.	0.9	120
33	Planarian homologs of netrin and netrin receptor are required for proper regeneration of the central nervous system and the maintenance of nervous system architecture. <i>Development (Cambridge)</i> , 2005, 132, 3691-3703.	2.5	254
34	Search for the Evolutionary Origin of a Brain: Planarian Brain Characterized by Microarray. <i>Molecular Biology and Evolution</i> , 2003, 20, 784-791.	8.9	73
35	Ingestion of bacterially expressed double-stranded RNA inhibits gene expression in planarians. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 11861-11865.	7.1	260
36	Origin and evolutionary process of the CNS elucidated by comparative genomics analysis of planarian ESTs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 7666-7671.	7.1	172

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37	The expression of neural-specific genes reveals the structural and molecular complexity of the planarian central nervous system. <i>Mechanisms of Development</i> , 2002, 116, 199-204.	1.7	113
38	Dissecting planarian central nervous system regeneration by the expression of neural-specific genes. <i>Development Growth and Differentiation</i> , 2002, 44, 135-146.	1.5	120
39	FGFR-related gene <i>nou-darake</i> restricts brain tissues to the head region of planarians. <i>Nature</i> , 2002, 419, 620-624.	27.8	244
40	Intercalary muscle cell renewal in planarian pharynx. <i>Development Genes and Evolution</i> , 1999, 209, 249-253.	0.9	24
41	New protocol to visualize gene expression in intact and regenerating adult planarians by whole-mount in situ hybridization. <i>Technical Tips Online</i> , 1997, 2, 164-166.	0.2	2
42	Myocyte differentiation and body wall muscle regeneration in the planarian <i>Girardia tigrina</i> . <i>Development Genes and Evolution</i> , 1997, 207, 306-316.	0.9	57