Daniel S Wagner

List of Publications by Year
in descending order

29 papers	3,873 citations	279798 23 h-index	477307 29 g-index
29 all docs	29 docs citations	29 times ranked	5503 citing authors

#	Article	IF	Citations
1	Rescue of early embryonic lethality in mdm2-deficient mice by deletion of p53. Nature, 1995, 378, 203-206.	27.8	1,338
2	Tumor-infiltrating dendritic cell precursors recruited by a Î²-defensin contribute to vasculogenesis under the influence of Vegf-A. Nature Medicine, 2004, 10, 950-958.	30.7	431
3	Genetic Analysis of Digestive Physiology Using Fluorescent Phospholipid Reporters. Science, 2001, 292, 1385-1388.	12.6	308
4	Maternal Control of Vertebrate Development before the Midblastula Transition. Developmental Cell, 2004, 6, 771-780.	7.0	216
5	Biochar and Microbial Signaling: Production Conditions Determine Effects on Microbial Communication. Environmental Science & Technology, 2013, 47, 11496-11503.	10.0	174
6	Maternal Control of Development at the Midblastula Transition and beyond. Developmental Cell, 2004, 6, 781-790.	7.0	143
7	Interferon Regulatory Factor 6 Promotes Differentiation of the Periderm by Activating Expression of Grainyhead-Like 3. Journal of Investigative Dermatology, 2013, 133, 68-77.	0.7	114
8	Neuromuscular synaptogenesis in wild-type and mutant zebrafish. Developmental Biology, 2005, 285, 340-357.	2.0	103
9	The in vivo performance of plasmonic nanobubbles as cell theranostic agents in zebrafish hosting prostate cancer xenografts. Biomaterials, 2010, 31, 7567-7574.	11.4	103
10	Mutations in Zebrafish lrp2 Result in Adult-Onset Ocular Pathogenesis That Models Myopia and Other Risk Factors for Glaucoma. PLoS Genetics, 2011, 7, e1001310.	3.5	100
11	AIBP-mediated cholesterol efflux instructs hematopoietic stem and progenitor cell fate. Science, 2019, 363, 1085-1088.	12.6	90
12	Endothelial cells decode VEGF-mediated Ca ²⁺ signaling patterns to produce distinct functional responses. Science Signaling, 2016, 9, ra20.	3.6	85
13	Cell-specific transmembrane injection of molecular cargo with gold nanoparticle-generated transient plasmonic nanobubbles. Biomaterials, 2012, 33, 5441-5450.	11.4	74
14	Maternally Supplied Smad5 Is Required for Ventral Specification in Zebrafish Embryos Prior to Zygotic Bmp Signaling. Developmental Biology, 2002, 250, 263-279.	2.0	64
15	Neuropilin-1 balances Î²8 integrin-activated TGFÎ² signaling to control sprouting angiogenesis in the brain. Development (Cambridge), 2015, 142, 4363-73.	2.5	62
16	Modulation of BMP Activity in Dorsal-Ventral Pattern Formation by the Chordin and Ogon Antagonists. Developmental Biology, 2002, 245, 109-123.	2.0	56
17	poky/chuk/ikk1 is required for differentiation of the zebrafish embryonic epidermis. Developmental Biology, 2010, 346, 272-283.	2.0	56
18	Pronephric Tubulogenesis Requires Daam1-Mediated Planar Cell Polarity Signaling. Journal of the American Society of Nephrology: JASN, 2011, 22, 1654-1664.	6.1	49

#	Article	IF	Citations
19	A Novel Role for MAPKAPK2 in Morphogenesis during Zebrafish Development. PLoS Genetics, 2009, 5, e1000413.	3.5	48
20	Trophic transfer of amphiphilic polymer coated CdSe/ZnS quantum dots to Danio rerio. Nanoscale, 2011, 3, 3080.	5.6	48
21	A toolbox to study epidermal cell types in zebrafish. Journal of Cell Science, 2017, 130, 269-277.	2.0	46
22	Genetic screens for genes controlling motor nerveâ€“muscle development and interactions. Developmental Biology, 2005, 280, 162-176.	2.0	44
23	Improved Cellular Specificity of Plasmonic Nanobubbles versus Nanoparticles in Heterogeneous Cell Systems. PLoS ONE, 2012, 7, e34537.	2.5	35
24	Sequence and expression of the zebrafish alphaâ€actinin gene family reveals conservation and diversification among vertebrates. Developmental Dynamics, 2009, 238, 2936-2947.	1.8	24
25	Wild-Type Myoblasts Rescue the Ability of Myogenin-Null Myoblasts to Fusein Vivo. Developmental Biology, 1997, 185, 127-138.	2.0	23
26	Crispld2 is required for neural crest cell migration and cell viability during zebrafish craniofacial development. Genesis, 2015, 53, 660-667.	1.6	18
27	RICE CRISPR: Rapidly increased cut ends by an exonuclease Cas9 fusion in zebrafish. Genesis, 2017, 55, e23044.	1.6	11
28	Identification of a Differentially Expressed RNA Helicase by Gene Trapping. Biochemical and Biophysical Research Communications, 1999, 262, 677-684.	2.1	8
29	Expression of a Gene Trap Reporter Construct in a Subset of Cells in Embryonic Sites of Hematopoiesis: Evidence for Alternative rRNA Production in Hematopoietic Cells. Biochemical and Biophysical Research Communications, 1998, 250, 674-681.	2.1	2