Richard W Padgett

List of Publications by Year
in descending order

35 papers	3,945 citations	279487 23 h-index	395343 33 g-index
37 all docs	37 docs citations	37 times ranked	4182 citing authors

#	Article	IF	Citations
1	Genetic interactions between the DBL-1/BMP-like pathway anddpybody sizeâ€“associated genes inCaenorhabditis elegans. Molecular Biology of the Cell, 2019, 30, 3151-3160.	0.9	16
2	Human Marfan and Marfan-like Syndrome associated mutations lead to altered trafficking of the Type II TGFÎ² receptor in Caenorhabditis elegans. PLoS ONE, 2019, 14, e0216628.	1.1	4
3	Mutagenesis and Imaging Studies of BMP Signaling Mechanisms in C. elegans. Methods in Molecular Biology, 2019, 1891, 51-73.	0.4	7
4	bantam microRNA is a negative regulator of the Drosophila decapentaplegic pathway. Fly, 2018, 12, 105-117.	0.9	8
5	The TGF-Î² Family inCaenorhabditis elegans. Cold Spring Harbor Perspectives in Biology, 2017, 9, a022178.	2.3	77
6	Efficient Screening of CRISPR/Cas9-Induced Events in Drosophila Using a Co-CRISPR Strategy. G3: Genes, Genomes, Genetics, 2017, 7, 87-93.	0.8	58
7	C. elegans SMA-10 regulates BMP receptor trafficking. PLoS ONE, 2017, 12, e0180681.	1.1	10
8	Matters of context guide future research in TGFÎ² superfamily signaling. Science Signaling, 2015, 8, re10.	1.6	44
9	BMP signaling requires retromer-dependent recycling of the type I receptor. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2578-2583.	3.3	69
10	bantam Is Required for Optic Lobe Development and Glial Cell Proliferation. PLoS ONE, 2012, 7, e32910.	1.1	26
11	Regulation of genes affecting body size and innate immunity by the DBL-1/BMP-like pathway in Caenorhabditis elegans. BMC Developmental Biology, 2010, 10, 61.	2.1	66
12	Caenorhabditis elegans SMA-10/LRIG Is a Conserved Transmembrane Protein that Enhances Bone Morphogenetic Protein Signaling. PLoS Genetics, 2010, 6, e1000963.	1.5	36
13	TGFÎ² superfamily signaling: notes from the desert. Development (Cambridge), 2007, 134, 3565-3569.	1.2	8
14	Glypican LON-2 Is a Conserved Negative Regulator of BMP-like Signaling in Caenorhabditis elegans. Current Biology, 2007, 17, 159-164.	1.8	86
15	Modulated microRNA expression during adult lifespan in Caenorhabditis elegans. Aging Cell, 2006, 5, 235-246.	3.0	181
16	C. Elegans TGF-Î² Signaling Pathways. , 2006, , 37-53.		1
17	C. elegans serine-threonine kinase KIN-29 modulates TGFbeta signaling and regulates body size formation. BMC Developmental Biology, 2005, 5, 8.	2.1	38
18	Incorporating structure to predict microRNA targets. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 4006-4009.	3.3	218

#	Article	IF	Citations
19	Methylation as a Crucial Step in Plant microRNA Biogenesis. Science, 2005, 307, 932-935.	6.0	967
20	MicroRNAs: Small regulators with a big impact. Cytokine and Growth Factor Reviews, 2005, 16, 387-393.	3.2	54
21	Genetic screen for small body size mutants inC. elegans reveals many TGF? pathway components. Genesis, 2003, 35, 239-247.	0.8	59
22	A small issue addressed. BioEssays, 2003, 25, 305-308.	1.2	7
23	Insulin worms its way into the spotlight. Genes and Development, 2003, 17, 813-818.	2.7	31
24	lon-1 Regulates Caenorhabditis elegans Body Size Downstream of the dbl-1 TGFÎ² Signaling Pathway. Developmental Biology, 2002, 246, 418-428.	0.9	61
25	The other side of TGF-Î² superfamily signal regulation: thinking outside the cell. Trends in Endocrinology and Metabolism, 2002, 13, 295-299.	3.1	48
26	TGFÎ²-related pathways. Trends in Genetics, 2000, 16, 27-33.	2.9	237
27	SMA-3 Smad Has Specific and Critical Functions in DBL-1/SMA-6 TGFÎ²-Related Signaling. Developmental Biology, 2000, 223, 70-76.	0.9	39
28	Transforming growth factor Î² signaling mediators and modulators. Gene, 2000, 249, 17-30.	1.0	164
29	Drosophila dSmad2andAtr-Itransmit activin/TGFÎ² signals. Genes To Cells, 1999, 4, 123-134.	0.5	41
30	TGFbeta signaling pathways and human diseases. , 1999, 18, 247-259.		17
31	Intracellular signaling: Fleshing out the TGFÎ² pathway. Current Biology, 1999, 9, R408-R411.	1.8	11
32	TGF-Î² signaling, Smads, and tumor suppressors. BioEssays, 1998, 20, 382-390.	1.2	91
33	Pioneer Axon Guidance by UNC-129, a C. elegans TGF-. , 1998, 281, 706-709.		194
34	Nomenclature: Vertebrate Mediators of TGFÎ² Family Signals. Cell, 1996, 87, 173.	13.5	177
35	A transcript from a Drosophila pattern gene predicts a protein homologous to the transforming growth factor-Î² family. Nature, 1987, 325, 81-84.	13.7	782