

# Gerald H Thomsen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11848228/publications.pdf>

Version: 2024-02-01

33  
papers

5,542  
citations

361413  
20  
h-index

395702  
33  
g-index

33  
all docs

33  
docs citations

33  
times ranked

4814  
citing authors

#	ARTICLE	IF	CITATIONS
1	Smad7 Binds to Smurf2 to Form an E3 Ubiquitin Ligase that Targets the TGF $\beta$ 2 Receptor for Degradation. <i>Molecular Cell</i> , 2000, 6, 1365-1375.	9.7	1,219
2	MADR2 Maps to 18q21 and Encodes a TGF $\beta$ 2-Regulated MAD-Related Protein That Is Functionally Mutated in Colorectal Carcinoma. <i>Cell</i> , 1996, 86, 543-552.	28.9	833
3	A SMAD ubiquitin ligase targets the BMP pathway and affects embryonic pattern formation. <i>Nature</i> , 1999, 400, 687-693.	27.8	762
4	Regulation of Cell Polarity and Protrusion Formation by Targeting RhoA for Degradation. <i>Science</i> , 2003, 302, 1775-1779.	12.6	495
5	Processed Vg1 protein is an axial mesoderm inducer in xenopus. <i>Cell</i> , 1993, 74, 433-441.	28.9	414
6	Ventral mesodermal patterning in <i>Xenopus</i> embryos: Expression patterns and activities of BMP-2 and BMP-4. <i>Genesis</i> , 1995, 17, 78-89.	2.1	320
7	Molecular evidence for deep evolutionary roots of bilaterality in animal development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 11195-11200.	7.1	210
8	Dorso/Ventral Genes Are Asymmetrically Expressed and Involved in Germ-Layer Demarcation during Cnidarian Gastrulation. <i>Current Biology</i> , 2006, 16, 499-505.	3.9	128
9	The Hedgehog gene family of the cnidarian, <i>Nematostella vectensis</i> , and implications for understanding metazoan Hedgehog pathway evolution. <i>Developmental Biology</i> , 2008, 313, 501-518.	2.0	127
10	Ventral mesoderm induction and patterning by bone morphogenetic protein heterodimers in <i>Xenopus</i> embryos. <i>Mechanisms of Development</i> , 1998, 74, 75-88.	1.7	120
11	Genomic organization and nucleotide sequence of two distinct histone gene clusters from <i>Xenopus laevis</i> . <i>Journal of Molecular Biology</i> , 1985, 185, 479-499.	4.2	111
12	Expression of Activin mRNA during Early Development in <i>Xenopus laevis</i> . <i>Developmental Biology</i> , 1993, 157, 474-483.	2.0	101
13	Gamete Interactions in <i>Xenopus laevis</i> : Identification of Sperm Binding Glycoproteins in the Egg Vitelline Envelope. <i>Journal of Cell Biology</i> , 1997, 136, 1099-1108.	5.2	96
14	Antagonism within and around the organizer: BMP inhibitors in vertebrate body patterning. <i>Trends in Genetics</i> , 1997, 13, 209-211.	6.7	96
15	FGF signaling in gastrulation and neural development in <i>Nematostella vectensis</i> , an anthozoan cnidarian. <i>Development Genes and Evolution</i> , 2007, 217, 137-148.	0.9	91
16	Dominant-Negative Smad2 Mutants Inhibit Activin/Vg1 Signaling and Disrupt Axis Formation in <i>Xenopus</i> . <i>Developmental Biology</i> , 1999, 207, 364-379.	2.0	72
17	The HECT E3 ligase Smurf2 is required for Mad2-dependent spindle assembly checkpoint. <i>Journal of Cell Biology</i> , 2008, 183, 267-277.	5.2	57
18	<i>Xenopus laevis</i> Sperm-Egg Adhesion Is Regulated by Modifications in the Sperm Receptor and the Egg Vitelline Envelope. <i>Developmental Biology</i> , 1997, 187, 143-153.	2.0	55

#	ARTICLE	IF	CITATIONS
19	Tumor Necrosis Factor-Receptor-associated Factor-4 Is a Positive Regulator of Transforming Growth Factor- $\beta^2$ Signaling That Affects Neural Crest Formation. <i>Molecular Biology of the Cell</i> , 2009, 20, 3436-3450.	2.1	44
20	A staging system for the regeneration of a polyp from the aboral physa of the anthozoan Cnidarian <i>Nematostella vectensis</i> . <i>Developmental Dynamics</i> , 2013, 242, 1320-1331.	1.8	36
21	The splicing factor PQBP1 regulates mesodermal and neural development through FGF signaling. <i>Development (Cambridge)</i> , 2014, 141, 3740-3751.	2.5	23
22	Smurf1 regulates neural patterning and folding in <i>Xenopus</i> embryos by antagonizing the BMP/Smad1 pathway. <i>Developmental Biology</i> , 2006, 299, 398-410.	2.0	21
23	The ARID domain protein drill1 is necessary for TGF $\beta^2$ signaling in <i>Xenopus</i> embryos. <i>Developmental Biology</i> , 2005, 278, 542-559.	2.0	17
24	Major transitions in histone gene expression do not occur during development in <i>Xenopus laevis</i> . <i>Developmental Biology</i> , 1986, 116, 532-538.	2.0	16
25	Vg1 and regional specification in vertebrates: a new role for an old molecule. <i>Trends in Genetics</i> , 1994, 10, 371-376.	6.7	16
26	Gtpbp2 is required for BMP signaling and mesoderm patterning in <i>Xenopus</i> embryos. <i>Developmental Biology</i> , 2014, 392, 358-367.	2.0	14
27	A divergent Tbx6-related gene and Tbx6 are both required for neural crest and intermediate mesoderm development in <i>Xenopus</i> . <i>Developmental Biology</i> , 2010, 340, 75-87.	2.0	13
28	Gtpbp2 is a positive regulator of Wnt signaling and maintains low levels of the Wnt negative regulator Axin. <i>Cell Communication and Signaling</i> , 2016, 14, 15.	6.5	12
29	Mustn1 is essential for craniofacial chondrogenesis during <i>Xenopus</i> development. <i>Gene Expression Patterns</i> , 2012, 12, 145-153.	0.8	10
30	Conservation and evolutionary divergence in the activity of receptor-regulated smads. <i>EvoDevo</i> , 2012, 3, 22.	3.2	5
31	Eps15R is required for bone morphogenetic protein signalling and differentially compartmentalizes with Smad proteins. <i>Open Biology</i> , 2012, 2, 120060.	3.6	3
32	Inducing Complete Polyp Regeneration from the Aboral Physa of the Starlet Sea Anemone <i>Nematostella vectensis</i> . <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	3
33	A staging system for the regeneration of a polyp from the aboral physa of the anthozoan Cnidarian <i>Nematostella vectensis</i> . <i>Developmental Dynamics</i> , 2013, 242, C1-C1.	1.8	2