

# Michael T Veeman

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

2,691  
citations

758635

12  
h-index

580395

25  
g-index

33  
all docs

33  
docs citations

33  
times ranked

3956  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Second Canon. <i>Developmental Cell</i> , 2003, 5, 367-377.	3.1	1,294
2	Zebrafish Prickle, a Modulator of Noncanonical Wnt/Fz Signaling, Regulates Gastrulation Movements. <i>Current Biology</i> , 2003, 13, 680-685.	1.8	841
3	ANISEED 2017: extending the integrated ascidian database to the exploration and evolutionary comparison of genome-scale datasets. <i>Nucleic Acids Research</i> , 2018, 46, D718-D725.	6.5	90
4	Chongmague reveals an essential role for laminin-mediated boundary formation in chordate convergence and extension movements. <i>Development (Cambridge)</i> , 2008, 135, 33-41.	1.2	80
5	The ascidian mouth opening is derived from the anterior neuropore: Reassessing the mouth/neural tube relationship in chordate evolution. <i>Developmental Biology</i> , 2010, 344, 138-149.	0.9	53
6	Functional and evolutionary insights from the <i>Ciona</i> notochord transcriptome. <i>Development (Cambridge)</i> , 2017, 144, 3375-3387.	1.2	40
7	<i>Ciona</i> Genetics. <i>Methods in Molecular Biology</i> , 2011, 770, 401-422.	0.4	34
8	Reciprocal and dynamic polarization of planar cell polarity core components and myosin. <i>ELife</i> , 2015, 4, e05361.	2.8	33
9	Whole-organ cell shape analysis reveals the developmental basis of ascidian notochord taper. <i>Developmental Biology</i> , 2013, 373, 281-289.	0.9	31
10	ANISEED 2019: 4D exploration of genetic data for an extended range of tunicates. <i>Nucleic Acids Research</i> , 2020, 48, D668-D675.	6.5	30
11	Quantitative and in toto imaging in ascidians: Working toward an image-centric systems biology of chordate morphogenesis. <i>Genesis</i> , 2015, 53, 143-159.	0.8	23
12	Anterior-posterior regionalized gene expression in the <i>Ciona</i> notochord. <i>Developmental Dynamics</i> , 2014, 243, 612-620.	0.8	21
13	Stochasticity and stereotypy in the <i>Ciona</i> notochord. <i>Developmental Biology</i> , 2015, 397, 248-256.	0.9	14
14	Iterative and Complex Asymmetric Divisions Control Cell Volume Differences in <i>Ciona</i> Notochord Tapering. <i>Current Biology</i> , 2019, 29, 3466-3477.e4.	1.8	13
15	Dynamics of cell polarity in tissue morphogenesis: a comparative view from <i>Drosophila</i> and <i>Ciona</i> . <i>PLoS ONE</i> , 2016, 11, e0158044.	0.8	12
16	3D-Printed Microwell Arrays for <i>Ciona</i> Microinjection and Timelapse Imaging. <i>PLoS ONE</i> , 2013, 8, e82307.	1.1	11
17	Multiple inputs into a posterior-specific regulatory network in the <i>Ciona</i> notochord. <i>Developmental Biology</i> , 2019, 448, 136-146.	0.9	11
18	Brachyury controls <i>Ciona</i> notochord fate as part of a feed-forward network. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	11

#	ARTICLE	IF	CITATIONS
19	Tunicate gastrulation. <i>Current Topics in Developmental Biology</i> , 2020, 136, 219-242.	1.0	8
20	An automatic feature based model for cell segmentation from confocal microscopy volumes. , 2011, , 199-203.		7
21	Ciona Brachyury proximal and distal enhancers have different FGF dose-response relationships. <i>PLoS Genetics</i> , 2021, 17, e1009305.	1.5	6
22	Single-cell analysis of cell fate bifurcation in the chordate Ciona. <i>BMC Biology</i> , 2021, 19, 180.	1.7	6
23	Segmentation of ascidian notochord cells in DIC timelapse images. <i>Microscopy Research and Technique</i> , 2011, 74, 727-734.	1.2	4
24	A temperature-adjusted developmental timer for precise embryonic staging. <i>Biology Open</i> , 2018, 7, .	0.6	4
25	A Linear Program Formulation for the Segmentation of Ciona Membrane Volumes. <i>Lecture Notes in Computer Science</i> , 2013, 16, 444-451.	1.0	4
26	The Ciona Notochord Gene Regulatory Network. <i>Results and Problems in Cell Differentiation</i> , 2018, 65, 163-184.	0.2	2
27	A curvicylindrical coordinate system for the visualization and segmentation of the ascidian tail. , 2011, , 182-186.		1
28	Quantitative Dissection of the Proximal Ciona brachyury Enhancer. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 804032.	1.8	1
29	Covert Prepatterning of a Cell Division Wave. <i>Developmental Cell</i> , 2016, 37, 107-108.	3.1	0