

# Melanie D White

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5936689/publications.pdf>

Version: 2024-02-01

18  
papers

1,590  
citations

516681

16  
h-index

839512

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18  
all docs

18  
docs citations

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times ranked

2110  
citing authors

#	ARTICLE	IF	CITATIONS
1	In Vivo Imaging of Single Mammalian Cells in Development and Disease. Trends in Molecular Medicine, 2018, 24, 278-293.	6.7	10
2	Expanding Actin Rings Zipper the Mouse Embryo for Blastocyst Formation. Cell, 2018, 173, 776-791.e17.	28.9	111
3	Instructions for Assembling the Early Mammalian Embryo. Developmental Cell, 2018, 45, 667-679.	7.0	80
4	How cells change shape and position in the early mammalian embryo. Current Opinion in Cell Biology, 2017, 44, 7-13.	5.4	21
5	A microtubule-organizing center directing intracellular transport in the early mouse embryo. Science, 2017, 357, 925-928.	12.6	101
6	Quantifying transcription factor-DNA binding in single cells in vivo with photoactivatable fluorescence correlation spectroscopy. Nature Protocols, 2017, 12, 1458-1471.	12.0	21
7	Mouse Embryo Compaction. Current Topics in Developmental Biology, 2016, 120, 235-258.	2.2	40
8	Quantitative imaging of mammalian transcriptional dynamics: from single cells to whole embryos. BMC Biology, 2016, 14, 115.	3.8	13
9	Long-Lived Binding of Sox2 to DNA Predicts Cell Fate in the Four-Cell Mouse Embryo. Cell, 2016, 165, 75-87.	28.9	173
10	How Adhesion Forms the Early Mammalian Embryo. Current Topics in Developmental Biology, 2015, 112, 1-17.	2.2	18
11	Cortical Tension Allocates the First Inner Cells of the Mammalian Embryo. Developmental Cell, 2015, 34, 435-447.	7.0	154
12	Cadherin-dependent filopodia control preimplantation embryo compaction. Nature Cell Biology, 2013, 15, 1424-1433.	10.3	200
13	A Molecular Toolbox for Rapid Generation of Viral Vectors to Up- or Down-Regulate Neuronal Gene Expression in vivo. Frontiers in Molecular Neuroscience, 2011, 4, 8.	2.9	33
14	Therapy for prion diseases: Insights from the use of RNA interference. Prion, 2009, 3, 121-128.	1.8	23
15	RNAi for the Treatment of Prion Disease: A Window for Intervention in Neurodegeneration?. CNS and Neurological Disorders - Drug Targets, 2009, 8, 342-352.	1.4	19
16	Tuning of Synaptic Integration in the Medial Entorhinal Cortex to the Organization of Grid Cell Firing Fields. Neuron, 2008, 60, 875-889.	8.1	153
17	Single treatment with RNAi against prion protein rescues early neuronal dysfunction and prolongs survival in mice with prion disease. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 10238-10243.	7.1	174
18	Targeting Cellular Prion Protein Reverses Early Cognitive Deficits and Neurophysiological Dysfunction in Prion-Infected Mice. Neuron, 2007, 53, 325-335.	8.1	246