

# Julie A Siegenthaler

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

2,555  
citations

236612

25  
h-index

329751

37  
g-index

42  
all docs

42  
docs citations

42  
times ranked

3600  
citing authors

#	ARTICLE	IF	CITATIONS
1	Retinoic Acid from the Meninges Regulates Cortical Neuron Generation. <i>Cell</i> , 2009, 139, 597-609.	13.5	366
2	A human brain vascular atlas reveals diverse mediators of Alzheimer's risk. <i>Nature</i> , 2022, 603, 885-892.	13.7	294
3	Wnt Signaling Regulates Neuronal Differentiation of Cortical Intermediate Progenitors. <i>Journal of Neuroscience</i> , 2011, 31, 1676-1687.	1.7	230
4	Single-Cell Transcriptomic Analyses of the Developing Meninges Reveal Meningeal Fibroblast Diversity and Function. <i>Developmental Cell</i> , 2020, 54, 43-59.e4.	3.1	122
5	We have got you "covered": how the meninges control brain development. <i>Current Opinion in Genetics and Development</i> , 2011, 21, 249-255.	1.5	120
6	Foxc1 reinforces quiescence in self-renewing hair follicle stem cells. <i>Science</i> , 2016, 351, 613-617.	6.0	109
7	Cortical dysplasia and skull defects in mice with a <i>Foxc1</i> allele reveal the role of meningeal differentiation in regulating cortical development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 14002-14007.	3.3	105
8	Foxg1 Haploinsufficiency Reduces the Population of Cortical Intermediate Progenitor Cells: Effect of Increased p21 Expression. <i>Cerebral Cortex</i> , 2008, 18, 1865-1875.	1.6	101
9	Transforming Growth Factor $\hat{A}1$ Promotes Cell Cycle Exit through the Cyclin-Dependent Kinase Inhibitor p21 in the Developing Cerebral Cortex. <i>Journal of Neuroscience</i> , 2005, 25, 8627-8636.	1.7	93
10	"Sealing off the CNS": cellular and molecular regulation of blood-brain barrierogenesis. <i>Current Opinion in Neurobiology</i> , 2013, 23, 1057-1064.	2.0	93
11	A Cascade of Morphogenic Signaling Initiated by the Meninges Controls Corpus Callosum Formation. <i>Neuron</i> , 2012, 73, 698-712.	3.8	80
12	Emerging roles for CNS fibroblasts in health, injury and disease. <i>Nature Reviews Neuroscience</i> , 2022, 23, 23-34.	4.9	74
13	Transforming Growth Factor $\hat{A}1$ Modulates Cell Migration in Rat Cortex: Effects of Ethanol. <i>Cerebral Cortex</i> , 2004, 14, 791-802.	1.6	73
14	Foxc1 is required by pericytes during fetal brain angiogenesis. <i>Biology Open</i> , 2013, 2, 647-659.	0.6	64
15	Col1a1+ perivascular cells in the brain are a source of retinoic acid following stroke. <i>BMC Neuroscience</i> , 2016, 17, 49.	0.8	57
16	Living on the Edge of the CNS: Meninges Cell Diversity in Health and Disease. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 703944.	1.8	57
17	Gamma Interferon Alters Junctional Integrity via Rho Kinase, Resulting in Blood-Brain Barrier Leakage in Experimental Viral Encephalitis. <i>MBio</i> , 2019, 10, .	1.8	48
18	Ethanol Induces Heterotopias in Organotypic Cultures of Rat Cerebral Cortex. <i>Cerebral Cortex</i> , 2004, 14, 1071-1080.	1.6	47

#	ARTICLE	IF	CITATIONS
19	Retinoic Acid Is Required for Neural Stem and Progenitor Cell Proliferation in the Adult Hippocampus. <i>Stem Cell Reports</i> , 2018, 10, 1705-1720.	2.3	46
20	Meningeal defects alter the tangential migration of cortical interneurons in Foxc1 <sup>hith/hith</sup> mice. <i>Neural Development</i> , 2012, 7, 2.	1.1	44
21	Cerebrovascular defects in Foxc1 mutants correlate with aberrant WNT and VEGF <sup>A</sup> pathways downstream of retinoic acid from the meninges. <i>Developmental Biology</i> , 2016, 420, 148-165.	0.9	38
22	Diverse Functions of Retinoic Acid in Brain Vascular Development. <i>Journal of Neuroscience</i> , 2016, 36, 7786-7801.	1.7	35
23	Generation of Cajal <sup>Retzius</sup> neurons in mouse forebrain is regulated by transforming growth factor $\beta$ -Fox signaling pathways. <i>Developmental Biology</i> , 2008, 313, 35-46.	0.9	30
24	Ethanol disrupts cell cycle regulation in developing rat cortex interaction with transforming growth factor beta1. <i>Journal of Neurochemistry</i> , 2005, 95, 902-912.	2.1	28
25	Tenofovir and adefovir down-regulate mitochondrial chaperone TRAP1 and succinate dehydrogenase subunit B to metabolically reprogram glucose metabolism and induce nephrotoxicity. <i>Scientific Reports</i> , 2017, 7, 46344.	1.6	28
26	Primary cellular meningeal defects cause neocortical dysplasia and dyslamination. <i>Annals of Neurology</i> , 2010, 68, 454-464.	2.8	26
27	Zoledronate dysregulates fatty acid metabolism in renal tubular epithelial cells to induce nephrotoxicity. <i>Archives of Toxicology</i> , 2018, 92, 469-485.	1.9	26
28	Retinoic acid signaling in vascular development. <i>Genesis</i> , 2019, 57, e23287.	0.8	23
29	Retinoic Acid Regulates Endothelial $\beta$ -catenin Expression and Pericyte Numbers in the Developing Brain Vasculature. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 476.	1.8	20
30	Diencephalic Size Is Restricted by a Novel Interplay Between GCN5 Acetyltransferase Activity and Retinoic Acid Signaling. <i>Journal of Neuroscience</i> , 2017, 37, 2565-2579.	1.7	19
31	Differential Effects of Retinoic Acid Concentrations in Regulating Blood <sup>Brain</sup> Barrier Properties. <i>ENeuro</i> , 2017, 4, ENEURO.0378-16.2017.	0.9	18
32	CoupTFI Interacts with Retinoic Acid Signaling during Cortical Development. <i>PLoS ONE</i> , 2013, 8, e58219.	1.1	14
33	There's No Place Like Home for a Neural Stem Cell. <i>Cell Stem Cell</i> , 2010, 7, 141-143.	5.2	7
34	Techniques for visualizing fibroblast-vessel interactions in the developing and adult CNS. <i>Neurophotonics</i> , 2022, 9, 021911.	1.7	6
35	Mechanisms of Ethanol-Induced Alterations in Neuronal Migration. , 2006, , 216-229.		2
36	Emerging roles for CNS fibroblasts in health, injury and disease. <i>Nature Reviews Neuroscience</i> , 2021, , .	4.9	2

#	ARTICLE	IF	CITATIONS
37	Not just a 'drain': venules sprout brain capillaries. Trends in Neurosciences, 2021, 44, 849-851.	4.2	1
38	Meninges and vasculature. , 2020, , 1037-1063.		0