

# Stephan Heermann

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

16,168  
citations

758635

12  
h-index

525886

27  
g-index

31  
all docs

31  
docs citations

31  
times ranked

35520  
citing authors

#	ARTICLE	IF	CITATIONS
1	An integrated encyclopedia of DNA elements in the human genome. <i>Nature</i> , 2012, 489, 57-74.	13.7	15,516
2	Microglia promote colonization of brain tissue by breast cancer cells in a Wnt-dependent way. <i>Glia</i> , 2010, 58, 1477-1489.	2.5	184
3	Eye morphogenesis driven by epithelial flow into the optic cup facilitated by modulation of bone morphogenetic protein. <i>ELife</i> , 2015, 4, .	2.8	82
4	Accumulation and clearance of $\alpha$ -synuclein aggregates demonstrated by time-lapse imaging. <i>Journal of Neurochemistry</i> , 2008, 106, 529-540.	2.1	66
5	TGF- $\beta$ 1 enhances neurite outgrowth via regulation of proteasome function and EFABP. <i>Neurobiology of Disease</i> , 2010, 38, 395-404.	2.1	44
6	Molecular control of Schwann cell migration along peripheral axons. <i>Cell Adhesion and Migration</i> , 2013, 7, 18-22.	1.1	35
7	Transforming Growth Factor $\beta$ 2 Cooperates with Persephin for Dopaminergic Phenotype Induction. <i>Stem Cells</i> , 2008, 26, 1683-1694.	1.4	31
8	Organization of glomeruli in the main olfactory bulb of <i>Xenopus laevis</i> tadpoles. <i>Journal of Comparative Neurology</i> , 2003, 464, 257-268.	0.9	28
9	TGF- $\beta$ -facilitated optic fissure fusion and the role of bone morphogenetic protein antagonism. <i>Open Biology</i> , 2018, 8, .	1.5	28
10	Recommendations of the working group of the Anatomische Gesellschaft on reduction of formaldehyde exposure in anatomical curricula and institutes. <i>Annals of Anatomy</i> , 2019, 221, 179-185.	1.0	26
11	Presynaptic protein distribution and odour mapping in glomeruli of the olfactory bulb of <i>Xenopus laevis</i> tadpoles. <i>European Journal of Neuroscience</i> , 2007, 26, 925-934.	1.2	21
12	In Vivo Analysis of Optic Fissure Fusion in Zebrafish: Pioneer Cells, Basal Lamina, Hyaloid Vessels, and How Fissure Fusion is Affected by BMP. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2760.	1.8	15
13	Neuregulin 1 Type III/ErbB Signaling Is Crucial for Schwann Cell Colonization of Sympathetic Axons. <i>PLoS ONE</i> , 2011, 6, e28692.	1.1	14
14	In vivo requirement of TGF- $\beta$ /GDNF cooperativity in mouse development: focus on the neurotrophic hypothesis. <i>International Journal of Developmental Neuroscience</i> , 2009, 27, 97-102.	0.7	13
15	Morphogenesis and axis specification occur in parallel during optic cup and optic fissure formation, differentially modulated by BMP and Wnt. <i>Open Biology</i> , 2019, 9, 180179.	1.5	13
16	Schwann cells migrate along axons in the absence of GDNF signaling. <i>BMC Neuroscience</i> , 2012, 13, 92.	0.8	11
17	Functional expression of electrogenic sodium bicarbonate cotransporter 1 (NBCe1) in mouse cortical astrocytes is dependent on S255-257 and regulated by mTOR. <i>Glia</i> , 2019, 67, 2264-2278.	2.5	9
18	Differential responsiveness of distinct retinal domains to Atoh7. <i>Mechanisms of Development</i> , 2014, 133, 218-229.	1.7	8

#	ARTICLE	IF	CITATIONS
19	Interprofessional education in medical and physiotherapy studies for future collaboration. <i>Annals of Anatomy</i> , 2022, 240, 151850.	1.0	4
20	BMP Signaling Interferes with Optic Chiasm Formation and Retinal Ganglion Cell Pathfinding in Zebrafish. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4560.	1.8	3
21	An interprofessional teaching approach for medical and physical therapy students to learn functional anatomy and clinical examination of the lower spine and hip. <i>Annals of Anatomy</i> , 2020, 231, 151534.	1.0	3
22	Glia cell line-derived neurotrophic factor mediates survival of murine sympathetic precursors. <i>Journal of Neuroscience Research</i> , 2013, 91, 780-785.	1.3	2
23	Concerted interaction of TGF- $\beta$ 2 and GDNF mediates neuronal differentiation. <i>NeuroReport</i> , 2013, 24, 704-711.	0.6	2
24	Regulation of electrogenic Na <sup>+</sup> /HCO <sub>3</sub> <sup>-</sup> cotransporter 1 (NBCe1) function and its dependence on mTOR mediated phosphorylation of Ser <sup>245</sup> . <i>Journal of Cellular Physiology</i> , 2022, 237, 1372-1388.	2.0	2
25	Aged Tgf $\beta$ 2/Gdnf double-heterozygous mice show no morphological and functional alterations in the nigrostriatal system. <i>Journal of Neural Transmission</i> , 2010, 117, 719-727.	1.4	1
26	Analyzing Murine Schwann Cell Development Along Growing Axons. <i>Journal of Visualized Experiments</i> , 2012, , .	0.2	0