Stephan Heermann

List of Publications by Year in descending order

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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	Regulation of electrogenic Na⁺/HCO₃^{â˜’} cotransporter 1 (NBCe1) function and its dependence on mâ€TOR mediated phosphorylation of Ser²⁴⁵. Journal of Cellular Physiology, 2022, 237, 1372-1388.	2.0	2
2	Interprofessional education in medical and physiotherapy studies for future collaboration. Annals of Anatomy, 2022, 240, 151850.	1.0	4
3	BMP Signaling Interferes with Optic Chiasm Formation and Retinal Ganglion Cell Pathfinding in Zebrafish. International Journal of Molecular Sciences, 2021, 22, 4560.	1.8	3
4	In Vivo Analysis of Optic Fissure Fusion in Zebrafish: Pioneer Cells, Basal Lamina, Hyaloid Vessels, and How Fissure Fusion is Affected by BMP. International Journal of Molecular Sciences, 2020, 21, 2760.	1.8	15
5	An interprofessional teaching approach for medical and physical therapy students to learn functional anatomy and clinical examination of the lower spine and hip. Annals of Anatomy, 2020, 231, 151534.	1.0	3
6	Functional expression of electrogenic sodium bicarbonate cotransporter 1 (NBCe1) in mouse cortical astrocytes is dependent on S255â€257 and regulated by mTOR. Glia, 2019, 67, 2264-2278.	2.5	9
7	Morphogenesis and axis specification occur in parallel during optic cup and optic fissure formation, differentially modulated by BMP and Wnt. Open Biology, 2019, 9, 180179.	1.5	13
8	Recommendations of the working group of the Anatomische Gesellschaft on reduction of formaldehyde exposure in anatomical curricula and institutes. Annals of Anatomy, 2019, 221, 179-185.	1.0	26
9	TGFÎ²-facilitated optic fissure fusion and the role of bone morphogenetic protein antagonism. Open Biology, 2018, 8, .	1.5	28
10	Eye morphogenesis driven by epithelial flow into the optic cup facilitated by modulation of bone morphogenetic protein. ELife, 2015, 4, .	2.8	82
11	Differential responsiveness of distinct retinal domains to Atoh7. Mechanisms of Development, 2014, 133, 218-229.	1.7	8
12	Glia cell lineâ€derived neurotrophic factor mediates survival of murine sympathetic precursors. Journal of Neuroscience Research, 2013, 91, 780-785.	1.3	2
13	Molecular control of Schwann cell migration along peripheral axons. Cell Adhesion and Migration, 2013, 7, 18-22.	1.1	35
14	Concerted interaction of TGF-Î² and GDNF mediates neuronal differentiation. NeuroReport, 2013, 24, 704-711.	0.6	2
15	An integrated encyclopedia of DNA elements in the human genome. Nature, 2012, 489, 57-74.	13.7	15,516
16	Schwann cells migrate along axons in the absence of GDNF signaling. BMC Neuroscience, 2012, 13, 92.	0.8	11
17	Analyzing Murine Schwann Cell Development Along Growing Axons. Journal of Visualized Experiments, 2012, , .	0.2	0
18	Neuregulin 1 Type III/ErbB Signaling Is Crucial for Schwann Cell Colonization of Sympathetic Axons. PLoS ONE, 2011, 6, e28692.	1.1	14

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19	Aged TgfÎ²2/Gdnf double-heterozygous mice show no morphological and functional alterations in the nigrostriatal system. Journal of Neural Transmission, 2010, 117, 719-727.	1.4	1
20	TGF-Î² 1 enhances neurite outgrowth via regulation of proteasome function and EFABP. Neurobiology of Disease, 2010, 38, 395-404.	2.1	44
21	Microglia promote colonization of brain tissue by breast cancer cells in a Wntâ€dependent way. Glia, 2010, 58, 1477-1489.	2.5	184
22	In vivo requirement of TGFâ€Î²/GDNF cooperativity in mouse development: focus on the neurotrophic hypothesis. International Journal of Developmental Neuroscience, 2009, 27, 97-102.	0.7	13
23	Transforming Growth Factor Î² Cooperates with Persephin for Dopaminergic Phenotype Induction. Stem Cells, 2008, 26, 1683-1694.	1.4	31
24	Accumulation and clearance of Î±â€synuclein aggregates demonstrated by timeâ€lapse imaging. Journal of Neurochemistry, 2008, 106, 529-540.	2.1	66
25	Presynaptic protein distribution and odour mapping in glomeruli of the olfactory bulb of Xenopus laevis tadpoles. European Journal of Neuroscience, 2007, 26, 925-934.	1.2	21
26	Organization of glomeruli in the main olfactory bulb ofXenopus laevistadpoles. Journal of Comparative Neurology, 2003, 464, 257-268.	0.9	28