

Aurelien Kerever

List of Publications by Year in descending order

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papers

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933447

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956
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Extracellular Matrix Structures in the Neural Stem Cell Niche Capture the Neurogenic Factor Fibroblast Growth Factor 2 from the Extracellular Milieu. <i>Stem Cells</i> , 2007, 25, 2146-2157.	3.2	244
2	Perlecan is required for FGF-2 signaling in the neural stem cell niche. <i>Stem Cell Research</i> , 2014, 12, 492-505.	0.7	74
3	Fractoneâ€heparan sulphates mediate FGFâ€2 stimulation of cell proliferation in the adult subventricular zone. <i>Cell Proliferation</i> , 2013, 46, 137-145.	5.3	47
4	Understanding microstructure of the brain by comparison of neurite orientation dispersion and density imaging (NODDI) with transparent mouse brain. <i>Acta Radiologica Open</i> , 2017, 6, 205846011770381.	0.6	46
5	The intellectual disability gene PQBP1 rescues Alzheimerâ€™s disease pathology. <i>Molecular Psychiatry</i> , 2018, 23, 2090-2110.	7.9	41
6	Opposing Roles for<i>Hoxa2</i> and<i>Hoxb2</i> in Hindbrain Oligodendrocyte Patterning. <i>Journal of Neuroscience</i> , 2012, 32, 17172-17185.	3.6	34
7	Heparan sulfate alterations in extracellular matrix structures and fibroblast growth factorâ€2 signaling impairment in the aged neurogenic niche. <i>Journal of Neurochemistry</i> , 2017, 142, 534-544.	3.9	30
8	Fractone aging in the subventricular zone of the lateral ventricle. <i>Journal of Chemical Neuroanatomy</i> , 2015, 66-67, 52-60.	2.1	19
9	The Relationship between Neurite Density Measured with Confocal Microscopy in a Cleared Mouse Brain and Metrics Obtained from Diffusion Tensor and Diffusion Kurtosis Imaging. <i>Magnetic Resonance in Medical Sciences</i> , 2018, 17, 138-144.	2.0	12
10	Quantitative Histological Validation of Diffusion Tensor MRI with Two-Photon Microscopy of Cleared Mouse Brain. <i>Magnetic Resonance in Medical Sciences</i> , 2016, 15, 416-421.	2.0	11
11	Optimal Extracellular Matrix Niches for Neurogenesis: Identifying Glycosaminoglycan Chain Composition in the Subventricular Neurogenic Zone. <i>Frontiers in Neuroanatomy</i> , 2021, 15, 764458.	1.7	9
12	See-through Brains and Diffusion Tensor MRI Clarified Fiber Connections: A Preliminary Microstructural Study in a Mouse with Callosal Agenesis. <i>Magnetic Resonance in Medical Sciences</i> , 2015, 14, 159-162.	2.0	8
13	Increased Risk of Aortic Dissection with Perlecan Deficiency. <i>International Journal of Molecular Sciences</i> , 2022, 23, 315.	4.1	6
14	Regulation of fractone heparan sulfate composition in young and aged subventricular zone neurogenic niches. <i>Glycobiology</i> , 2021, , .	2.5	4
15	The Structural and Compositional Changes of Chondroitin Sulfate Chains in the Aged Mouse Hippocampus. <i>Juntendo Medical Journal</i> , 2019, 65, 64-70.	0.1	3
16	Aging of Extracellular Matrix in Adult Neurogenesis. <i>Juntendo Medical Journal</i> , 2019, 65, 39-42.	0.1	0
17	Diffusion magnetic resonance tractography-based evaluation of commissural fiber abnormalities in a heparan sulfate endosulfatase-deficient mouse brain. <i>Magnetic Resonance Imaging</i> , 2022, 88, 123-123.	1.8	0