Anders Eklund

List of Publications by Year
in descending order

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44 papers	1,369 citations	393982 19 h-index	360668 35 g-index
45 all docs	45 docs citations	45 times ranked	1681 citing authors

#	Article	IF	Citations
1	Blood Flow Distribution in Cerebral Arteries. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 648-654.	2.4	245
2	Assessment of cerebrospinal fluid outflow resistance. Medical and Biological Engineering and Computing, 2007, 45, 719-735.	1.6	108
3	Postural effects on intracranial pressure: modeling and clinical evaluation. Journal of Applied Physiology, 2013, 115, 1474-1480.	1.2	89
4	Aging alters the dampening of pulsatile blood flow in cerebral arteries. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 1519-1527.	2.4	84
5	Normal-Tension Glaucoma Has Normal Intracranial Pressure. Ophthalmology, 2018, 125, 361-368.	2.5	79
6	Vascular risk factors in INPH. Neurology, 2017, 88, 577-585.	1.5	77
7	The pressure difference between eye and brain changes with posture. Annals of Neurology, 2016, 80, 269-276.	2.8	68
8	Fast 4D flow MRI intracranial segmentation and quantification in tortuous arteries. Journal of Magnetic Resonance Imaging, 2015, 42, 1458-1464.	1.9	53
9	Effects of short-term exposure to head-down tilt on cerebral hemodynamics: a prospective evaluation of a spaceflight analog using phase-contrast MRI. Journal of Applied Physiology, 2016, 120, 1466-1473.	1.2	48
10	Blood Flow Lateralization and Collateral Compensatory Mechanisms in Patients With Carotid Artery Stenosis. Stroke, 2019, 50, 1081-1088.	1.0	48
11	Human jugular vein collapse in the upright posture: implications for postural intracranial pressure regulation. Fluids and Barriers of the CNS, 2017, 14, 17.	2.4	38
12	An Applanation Resonator Sensor for Measuring Intraocular Pressure Using Combined Continuous Force and Area Measurement. , 2003, 44, 3017.		36
13	RehAtt â€“ scanning training for neglect enhanced by multi-sensory stimulation in Virtual Reality. Topics in Stroke Rehabilitation, 2016, 23, 191-199.	1.0	35
14	Intracranial and Intraocular Pressure at the Lamina Cribrosa: Gradient Effects. Current Neurology and Neuroscience Reports, 2018, 18, 25.	2.0	35
15	Accuracy of blood flow assessment in cerebral arteries with 4D flow MRI: Evaluation with three segmentation methods. Journal of Magnetic Resonance Imaging, 2019, 50, 511-518.	1.9	29
16	Symptoms of Depression are Common in Patients With Idiopathic Normal Pressure Hydrocephalus. Neurosurgery, 2016, 78, 161-168.	0.6	28
17	Assessment of Cerebral Blood Flow Pulsatility and Cerebral Arterial Compliance With 4D Flow MRI. Journal of Magnetic Resonance Imaging, 2020, 51, 1516-1525.	1.9	27
18	A Stereotactic Probabilistic Atlas for the Major Cerebral Arteries. Neuroinformatics, 2017, 15, 101-110.	1.5	25

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19	Cerebrospinal Fluid Shunting Improves Long-Term Quality of Life in Idiopathic Normal Pressure Hydrocephalus. Neurosurgery, 2020, 86, 574-582.	0.6	21
20	Can intracranial pressure be measured non-invasively bedside using a two-depth Doppler-technique?. Journal of Clinical Monitoring and Computing, 2017, 31, 459-467.	0.7	20
21	Optic Nerve Length before and after Spaceflight. Ophthalmology, 2021, 128, 309-316.	2.5	19
22	Automatic labeling of cerebral arteries in magnetic resonance angiography. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2016, 29, 39-47.	1.1	18
23	Epilepsy, headache, and abdominal pain after shunt surgery for idiopathic normal pressure hydrocephalus: the INPH-CRasH study. Journal of Neurosurgery, 2018, 128, 1674-1683.	0.9	17
24	A computerized neuropsychological test battery designed for idiopathic normal pressure hydrocephalus. Fluids and Barriers of the CNS, 2014, 11, 22.	2.4	16
25	4D flow MRI hemodynamic biomarkers for cerebrovascular diseases. Journal of Internal Medicine, 2022, 291, 115-127.	2.7	16
26	Diagnosing Carotid Near-Occlusion with Phase-Contrast MRI. American Journal of Neuroradiology, 2021, 42, 927-929.	1.2	11
27	Quantification and mapping of cerebral hemodynamics before and after carotid endarterectomy, using four-dimensional flow magnetic resonance imaging. Journal of Vascular Surgery, 2021, 74, 910-920.e1.	0.6	11
28	Falls and Fear of Falling in Shunted Idiopathic Normal Pressure Hydrocephalusâ€"The Idiopathic Normal Pressure Hydrocephalus Comorbidity and Risk Factors Associated With Hydrocephalus Study. Neurosurgery, 2021, 89, 122-128.	0.6	9
29	Middle cerebral artery pressure laterality in patients with symptomatic ICA stenosis. PLoS ONE, 2021, 16, e0245337.	1.1	9
30	Patient-specific brain arteries molded as a flexible phantom model using 3D printed water-soluble resin. Scientific Reports, 2022, 12, .	1.6	9
31	Background light adaptation of the retinal neuronal adaptive system. I. Effect of background light intensity. Documenta Ophthalmologica, 2001, 103, 13-26.	1.0	7
32	Posture-Dependent Collapse of the Optic Nerve Subarachnoid Space: A Combined MRI and Modeling Study. , 2021, 62, 26.		6
33	Prostacyclin Affects the Relation Between Brain Interstitial Glycerol and Cerebrovascular Pressure Reactivity in Severe Traumatic Brain Injury. Neurocritical Care, 2019, 31, 494-500.	1.2	5
34	Variability of Normal Pressure Hydrocephalus Imaging Biomarkers with Respect to Section Plane Angulation: How Wrong a Radiologist Can Be?. American Journal of Neuroradiology, 2021, 42, 1201-1207.	1.2	5
35	Intercompartmental communication between the cerebrospinal and adjacent spaces during intrathecal infusions in an acute ovine in-vivo model. Fluids and Barriers of the CNS, 2022, 19, 2.	2.4	5
36	4D flow MRIâ€"Automatic assessment of blood flow in cerebral arteries. Biomedical Physics and Engineering Express, 2018, 5, 015003.	0.6	3

#	Article	IF	Citations
37	Intraocular Pressure Decrease Does Not Affect Blood Flow Rate of Ophthalmic Artery in Ocular Hypertension. , 2020, 61, 17.		3
38	Reply. Ophthalmology, 2018, 125, e74-e75.	2.5	2
39	System identification for clinical diagnosis of hydrocephalus. , 2010, , .		1
40	Reply. Ophthalmology, 2018, 125, e43-e44.	2.5	1
41	Semi-automatic method for segmentation of the internal jugular vein in ultrasound movies evaluated at different body postures. Biomedical Physics and Engineering Express, 2019, 5, 045034.	0.6	1
42	Feasibility of MRI to assess differences in ophthalmic artery blood flow rate in normal tension glaucoma and healthy controls. Acta Ophthalmologica, 2020, 99, e679-e685.	0.6	1
43	Towards the simultaneous on-line estimation of the compliance and outflow resistance of the cerebrospinal fluid system. , 2007, , .		1
44	Reply. Ophthalmology, 2021, 128, e28.	2.5	0