

Anders Eklund

List of Publications by Year in descending order

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Version: 2024-02-01

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	4D flow MRI hemodynamic biomarkers for cerebrovascular diseases. <i>Journal of Internal Medicine</i> , 2022, 291, 115-127.	2.7	16
2	Intercompartmental communication between the cerebrospinal and adjacent spaces during intrathecal infusions in an acute ovine in-vivo model. <i>Fluids and Barriers of the CNS</i> , 2022, 19, 2.	2.4	5
3	Patient-specific brain arteries molded as a flexible phantom model using 3D printed water-soluble resin. <i>Scientific Reports</i> , 2022, 12, .	1.6	9
4	Optic Nerve Length before and after Spaceflight. <i>Ophthalmology</i> , 2021, 128, 309-316.	2.5	19
5	Diagnosing Carotid Near-Occlusion with Phase-Contrast MRI. <i>American Journal of Neuroradiology</i> , 2021, 42, 927-929.	1.2	11
6	Posture-Dependent Collapse of the Optic Nerve Subarachnoid Space: A Combined MRI and Modeling Study. , 2021, 62, 26.		6
7	Variability of Normal Pressure Hydrocephalus Imaging Biomarkers with Respect to Section Plane Angulation: How Wrong a Radiologist Can Be?. <i>American Journal of Neuroradiology</i> , 2021, 42, 1201-1207.	1.2	5
8	Falls and Fear of Falling in Shunted Idiopathic Normal Pressure Hydrocephalus – The Idiopathic Normal Pressure Hydrocephalus Comorbidity and Risk Factors Associated With Hydrocephalus Study. <i>Neurosurgery</i> , 2021, 89, 122-128.	0.6	9
9	Reply. <i>Ophthalmology</i> , 2021, 128, e28.	2.5	0
10	Quantification and mapping of cerebral hemodynamics before and after carotid endarterectomy, using four-dimensional flow magnetic resonance imaging. <i>Journal of Vascular Surgery</i> , 2021, 74, 910-920.e1.	0.6	11
11	Middle cerebral artery pressure laterality in patients with symptomatic ICA stenosis. <i>PLoS ONE</i> , 2021, 16, e0245337.	1.1	9
12	Cerebrospinal Fluid Shunting Improves Long-Term Quality of Life in Idiopathic Normal Pressure Hydrocephalus. <i>Neurosurgery</i> , 2020, 86, 574-582.	0.6	21
13	Assessment of Cerebral Blood Flow Pulsatility and Cerebral Arterial Compliance With 4D Flow MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1516-1525.	1.9	27
14	Feasibility of MRI to assess differences in ophthalmic artery blood flow rate in normal tension glaucoma and healthy controls. <i>Acta Ophthalmologica</i> , 2020, 99, e679-e685.	0.6	1
15	Intraocular Pressure Decrease Does Not Affect Blood Flow Rate of Ophthalmic Artery in Ocular Hypertension. , 2020, 61, 17.		3
16	Semi-automatic method for segmentation of the internal jugular vein in ultrasound movies evaluated at different body postures. <i>Biomedical Physics and Engineering Express</i> , 2019, 5, 045034.	0.6	1
17	Prostacyclin Affects the Relation Between Brain Interstitial Glycerol and Cerebrovascular Pressure Reactivity in Severe Traumatic Brain Injury. <i>Neurocritical Care</i> , 2019, 31, 494-500.	1.2	5
18	Blood Flow Lateralization and Collateral Compensatory Mechanisms in Patients With Carotid Artery Stenosis. <i>Stroke</i> , 2019, 50, 1081-1088.	1.0	48

#	ARTICLE	IF	CITATIONS
19	Accuracy of blood flow assessment in cerebral arteries with 4D flow MRI: Evaluation with three segmentation methods. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 511-518.	1.9	29
20	Intracranial and Intraocular Pressure at the Lamina Cribrosa: Gradient Effects. <i>Current Neurology and Neuroscience Reports</i> , 2018, 18, 25.	2.0	35
21	Epilepsy, headache, and abdominal pain after shunt surgery for idiopathic normal pressure hydrocephalus: the INPH-CRasH study. <i>Journal of Neurosurgery</i> , 2018, 128, 1674-1683.	0.9	17
22	Normal-Tension Glaucoma Has Normal Intracranial Pressure. <i>Ophthalmology</i> , 2018, 125, 361-368.	2.5	79
23	Reply. <i>Ophthalmology</i> , 2018, 125, e74-e75.	2.5	2
24	4D flow MRI—Automatic assessment of blood flow in cerebral arteries. <i>Biomedical Physics and Engineering Express</i> , 2018, 5, 015003.	0.6	3
25	Reply. <i>Ophthalmology</i> , 2018, 125, e43-e44.	2.5	1
26	Can intracranial pressure be measured non-invasively bedside using a two-depth Doppler-technique?. <i>Journal of Clinical Monitoring and Computing</i> , 2017, 31, 459-467.	0.7	20
27	Vascular risk factors in INPH. <i>Neurology</i> , 2017, 88, 577-585.	1.5	77
28	A Stereotactic Probabilistic Atlas for the Major Cerebral Arteries. <i>Neuroinformatics</i> , 2017, 15, 101-110.	1.5	25
29	Human jugular vein collapse in the upright posture: implications for postural intracranial pressure regulation. <i>Fluids and Barriers of the CNS</i> , 2017, 14, 17.	2.4	38
30	Symptoms of Depression are Common in Patients With Idiopathic Normal Pressure Hydrocephalus. <i>Neurosurgery</i> , 2016, 78, 161-168.	0.6	28
31	The pressure difference between eye and brain changes with posture. <i>Annals of Neurology</i> , 2016, 80, 269-276.	2.8	68
32	Effects of short-term exposure to head-down tilt on cerebral hemodynamics: a prospective evaluation of a spaceflight analog using phase-contrast MRI. <i>Journal of Applied Physiology</i> , 2016, 120, 1466-1473.	1.2	48
33	Automatic labeling of cerebral arteries in magnetic resonance angiography. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2016, 29, 39-47.	1.1	18
34	RehAtt — scanning training for neglect enhanced by multi-sensory stimulation in Virtual Reality. <i>Topics in Stroke Rehabilitation</i> , 2016, 23, 191-199.	1.0	35
35	Ageing alters the dampening of pulsatile blood flow in cerebral arteries. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1519-1527.	2.4	84
36	Blood Flow Distribution in Cerebral Arteries. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 648-654.	2.4	245

#	ARTICLE	IF	CITATIONS
37	Fast 4D flow MRI intracranial segmentation and quantification in tortuous arteries. Journal of Magnetic Resonance Imaging, 2015, 42, 1458-1464.	1.9	53
38	A computerized neuropsychological test battery designed for idiopathic normal pressure hydrocephalus. Fluids and Barriers of the CNS, 2014, 11, 22.	2.4	16
39	Postural effects on intracranial pressure: modeling and clinical evaluation. Journal of Applied Physiology, 2013, 115, 1474-1480.	1.2	89
40	System identification for clinical diagnosis of hydrocephalus. , 2010, , .		1
41	Assessment of cerebrospinal fluid outflow resistance. Medical and Biological Engineering and Computing, 2007, 45, 719-735.	1.6	108
42	Towards the simultaneous on-line estimation of the compliance and outflow resistance of the cerebrospinal fluid system. , 2007, , .		1
43	An Applanation Resonator Sensor for Measuring Intraocular Pressure Using Combined Continuous Force and Area Measurement. , 2003, 44, 3017.		36
44	Background light adaptation of the retinal neuronal adaptive system. I. Effect of background light intensity. Documenta Ophthalmologica, 2001, 103, 13-26.	1.0	7