

Jason D Hinman

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

1,854
citations

279487

23
h-index

288905

40
g-index

69
all docs

69
docs citations

69
times ranked

2654
citing authors

#	ARTICLE	IF	CITATIONS
1	Post-Stroke Cognitive Impairment and Dementia. <i>Circulation Research</i> , 2022, 130, 1252-1271.	2.0	188
2	The Antiaging Protein Klotho Enhances Oligodendrocyte Maturation and Myelination of the CNS. <i>Journal of Neuroscience</i> , 2013, 33, 1927-1939.	1.7	142
3	The PTP ¹⁴ Protein-tyrosine Phosphatase Binds and Recruits the Scaffolding Protein RACK1 to Cell-Cell Contacts. <i>Journal of Biological Chemistry</i> , 2001, 276, 14896-14901.	1.6	97
4	Remodeling of the Axon Initial Segment After Focal Cortical and White Matter Stroke. <i>Stroke</i> , 2013, 44, 182-189.	1.0	97
5	Nogo receptor blockade overcomes remyelination failure after white matter stroke and stimulates functional recovery in aged mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E8453-E8462.	3.3	94
6	Age-related molecular reorganization at the node of Ranvier. <i>Journal of Comparative Neurology</i> , 2006, 495, 351-362.	0.9	76
7	Models That Matter: White Matter Stroke Models. <i>Neurotherapeutics</i> , 2012, 9, 349-358.	2.1	72
8	Principles of precision medicine in stroke. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, 54-61.	0.9	64
9	Visualization of APP dimerization and APP-Notch2 heterodimerization in living cells using bimolecular fluorescence complementation. <i>Journal of Neurochemistry</i> , 2006, 97, 30-43.	2.1	62
10	The back and forth of axonal injury and repair after stroke. <i>Current Opinion in Neurology</i> , 2014, 27, 615-623.	1.8	60
11	What's Behind the Decline? The Role of White Matter in Brain Aging. <i>Neurochemical Research</i> , 2007, 32, 2023-2031.	1.6	58
12	Molecular disorganization of axons adjacent to human lacunar infarcts. <i>Brain</i> , 2015, 138, 736-745.	3.7	58
13	Amyloid precursor protein interacts with notch receptors. <i>Journal of Neuroscience Research</i> , 2005, 82, 32-42.	1.3	45
14	Multi-delay ASL can identify leptomenigeal collateral perfusion in endovascular therapy of ischemic stroke. <i>Oncotarget</i> , 2017, 8, 2437-2443.	0.8	44
15	Cognitive Impairment and Dementia After Stroke: Design and Rationale for the DISCOVERY Study. <i>Stroke</i> , 2021, 52, e499-e516.	1.0	43
16	MarkVCID cerebral small vessel consortium: I. Enrollment, clinical, fluid protocols. <i>Alzheimer's and Dementia</i> , 2021, 17, 704-715.	0.4	42
17	Flow-Mediated Susceptibility and Molecular Response of Cerebral Endothelia to SARS-CoV-2 Infection. <i>Stroke</i> , 2021, 52, 260-270.	1.0	41
18	Fluid-Attenuated Inversion Recovery Vascular Hyperintensity Topography, Novel Imaging Marker for Revascularization in Middle Cerebral Artery Occlusion. <i>Stroke</i> , 2016, 47, 2763-2769.	1.0	40

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19	Age-dependent accumulation of ubiquitinated 2,3-cyclic nucleotide 3-phosphodiesterase in myelin lipid rafts. <i>Glia</i> , 2008, 56, 118-133.	2.5	38
20	An IL-18-centered inflammatory network as a biomarker for cerebral white matter injury. <i>PLoS ONE</i> , 2020, 15, e0227835.	1.1	37
21	To Tube or Not to Tube? The Role of Intubation during Stroke Thrombectomy. <i>Frontiers in Neurology</i> , 2014, 5, 170.	1.1	35
22	White Matter Stroke Induces a Unique Oligo-Astrocyte Niche That Inhibits Recovery. <i>Journal of Neuroscience</i> , 2019, 39, 9343-9359.	1.7	29
23	Activation of calpain-1 in myelin and microglia in the white matter of the aged rhesus monkey. <i>Journal of Neurochemistry</i> , 2004, 89, 430-441.	2.1	28
24	Frequency, Determinants, and Outcomes of Emboli to Distal and New Territories Related to Mechanical Thrombectomy for Acute Ischemic Stroke. <i>Stroke</i> , 2021, 52, 2241-2249.	1.0	26
25	Molecular Disorganization of Axons Adjacent to Human Cortical Microinfarcts. <i>Frontiers in Neurology</i> , 2017, 8, 405.	1.1	24
26	ASPECTS-based reperfusion status on arterial spin labeling is associated with clinical outcome in acute ischemic stroke patients. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 382-392.	2.4	24
27	Encephaloduroarteriosynangiosis (EDAS) revascularization for symptomatic intracranial atherosclerotic steno-occlusive (ERSIAS) Phase-II objective performance criterion trial. <i>International Journal of Stroke</i> , 2021, 16, 701-709.	2.9	23
28	Imaging as the Nidus of Precision Cerebrovascular Health. <i>JAMA Neurology</i> , 2017, 74, 257.	4.5	21
29	Ischemic axonal injury up-regulates MARK4 in cortical neurons and primes tau phosphorylation and aggregation. <i>Acta Neuropathologica Communications</i> , 2019, 7, 135.	2.4	21
30	A Versatile Murine Model of Subcortical White Matter Stroke for the Study of Axonal Degeneration and White Matter Neurobiology. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	19
31	“Liquid Biopsy” of White Matter Hyperintensity in Functionally Normal Elders. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 343.	1.7	18
32	Inflammation and the Link to Vascular Brain Health: Timing Is Brain. <i>Stroke</i> , 2022, 53, 427-436.	1.0	17
33	Pathophysiologic mechanisms of cerebral endotheliopathy and stroke due to Sars-CoV-2. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1179-1192.	2.4	16
34	Astrocytes Can Adopt Endothelial Cell Fates in a p53-Dependent Manner. <i>Molecular Neurobiology</i> , 2017, 54, 4584-4596.	1.9	14
35	Intracranial atherosclerotic disease mechanistic subtypes drive hypoperfusion patterns. <i>Journal of Neuroimaging</i> , 2021, 31, 686-690.	1.0	14
36	Elevated complement mediator levels in endothelial-derived plasma exosomes implicate endothelial innate inflammation in diminished brain function of aging humans. <i>Scientific Reports</i> , 2021, 11, 16198.	1.6	14

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37	DWI Lesion Patterns Predict Outcome in Stroke Patients with Thrombolysis. <i>Cerebrovascular Diseases</i> , 2015, 40, 279-285.	0.8	13
38	Plasma Lipid Profiling Identifies Biomarkers of Cerebral Microvascular Disease. <i>Frontiers in Neurology</i> , 2019, 10, 950.	1.1	13
39	InÂVitro Modeling of Human Brain Arteriovenous Malformation for Endovascular Simulation and Flow Analysis. <i>World Neurosurgery</i> , 2020, 141, e873-e879.	0.7	13
40	Drip, Ship, and Grip, then Slice and Dice: Comprehensive Stroke Center Management of Cervical and Intracranial Emboli. <i>Frontiers in Neurology</i> , 2013, 4, 104.	1.1	8
41	Plasma amyloid beta, neurofilament light chain, and total tau in the Systolic Blood Pressure Intervention Trial (SPRINT). <i>Alzheimer's and Dementia</i> , 2022, 18, 1472-1483.	0.4	8
42	Pre-procedural simulation for precision stent-assisted coiling of cerebral aneurysm. <i>Interventional Neuroradiology</i> , 2019, 25, 419-422.	0.7	7
43	Reduced Leukoaraiosis, Noncardiac Embolic Stroke Etiology, and Shorter Thrombus Length Indicate Good Leptomeningeal Collateral Flow in Embolic Large-Vessel Occlusion. <i>American Journal of Neuroradiology</i> , 2022, 43, 63-69.	1.2	7
44	Temporal Patterning of Neurofilament Light as a Blood-Based Biomarker for Stroke: A Systematic Review and Meta-Analysis. <i>Frontiers in Neurology</i> , 2022, 13, .	1.1	6
45	<i>miR-142-3p</i> regulates cortical oligodendrocyte gene co-expression networks associated with tauopathy. <i>Human Molecular Genetics</i> , 2021, 30, 103-118.	1.4	5
46	Human Endothelial Cell Collection from the Middle Cerebral Artery in Acute Ischemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 669-672.	0.7	4
47	Image More to Save More. <i>Frontiers in Neurology</i> , 2015, 6, 156.	1.1	3
48	The Frequency of Substantial Salvageable Penumbra in Thrombectomyâ€eligible Patients with Acute Stroke. <i>Journal of Neuroimaging</i> , 2018, 28, 676-682.	1.0	3
49	Impaired Distal Perfusion Predicts Length of Hospital Stay in Patients with Symptomatic Middle Cerebral Artery Stenosis. <i>Journal of Neuroimaging</i> , 2021, 31, 475-479.	1.0	3
50	PRIMED2 Preclinical Evidence Scoring Tool to Assess Readiness for Translation of Neuroprotection Therapies. <i>Translational Stroke Research</i> , 2021, , 1.	2.3	3
51	Concepts and opportunities for repair in cerebral microvascular disease and white matter stroke. <i>Neural Regeneration Research</i> , 2016, 11, 1398.	1.6	3
52	Heterogeneity between proximal and distal aspects of occlusive thrombi on pretreatment imaging in acute ischemic stroke. <i>Neuroradiology Journal</i> , 2022, 35, 378-387.	0.6	3
53	Modeling Mixed Vascular and Alzheimerâ€s Dementia Using Focal Subcortical Ischemic Stroke in Human ApoE4-TR:5XFAD Transgenic Mice. <i>Translational Stroke Research</i> , 2020, 11, 1064-1076.	2.3	2
54	Crowdsourcing the Million Brains Initiativeâ€Reply. <i>JAMA Neurology</i> , 2017, 74, 1014.	4.5	1

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55	Endothelial Shear Stress and Platelet Fc γ RIIa Expression in Intracranial Atherosclerotic Disease. <i>Frontiers in Neurology</i> , 2021, 12, 646309.	1.1	1
56	Acute Axonal Injury in White Matter Stroke. , 2014, , 521-535.		1
57	MRI appearance of multifocal <i>Enterobacter cloacae</i> abscesses in a preterm neonate. <i>Journal of Pediatric Neuroradiology</i> , 2015, 01, 127-132.	0.1	0
58	The Power of Observation in Neurology Then and Now—Notes From Charcot’s Library. <i>JAMA Neurology</i> , 2019, 76, 1139.	4.5	0
59	Abstract P378: Automated Estimation of Ischemic Core Volume on Non-Contrast-Enhanced Computed Tomography via Machine Learning. <i>Stroke</i> , 2021, 52, .	1.0	0
60	Abstract P314: Mechanisms of Intracranial Atherosclerotic Disease Drive Hypoperfusion Patterns. <i>Stroke</i> , 2021, 52, .	1.0	0
61	Abstract P575: Impaired Distal Perfusion Predicts In-Hospital Outcome in Patients With Symptomatic Middle Cerebral Artery Stenosis. <i>Stroke</i> , 2021, 52, .	1.0	0
62	Abstract P340: Chronic Cerebrovascular Damage and Acute Embolic Mechanisms Associated With Acute Leptomeningeal Collateral Flow in Embolic Large Vessel Occlusion. <i>Stroke</i> , 2021, 52, .	1.0	0
63	Abstract WMP108: Endovascular Therapy in Children With Large Vessel Occlusion: a Clinical Series of Five Cases. <i>Stroke</i> , 2016, 47, .	1.0	0
64	Abstract 17314: Flow-Mediated Susceptibility of Cerebral Endothelia to Sars-CoV-2 Infection Using Endothelialized 3D Human Vascular Models. <i>Circulation</i> , 2020, 142, .	1.6	0
65	Abstract 136: Long-term Impact Of Aruba Trial On Management And Outcomes Of Unruptured Intracranial Arteriovenous Malformations. <i>Stroke</i> , 2022, 53, .	1.0	0
66	Plasma Biomarkers of Angiogenesis Related to Small Vessel Brain Disease in SPRINT. <i>Innovation in Aging</i> , 2021, 5, 667-667.	0.0	0