Mark R Etherton

List of Publications by Year
in descending order

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67 papers	5,380 citations	257357 24 h-index	138417 58 g-index
72 all docs	72 docs citations	72 times ranked	7662 citing authors

#	Article	IF	Citations
1	Î±-Synuclein Promotes SNARE-Complex Assembly in Vivo and in Vitro. Science, 2010, 329, 1663-1667.	6.0	1,476
2	A Neuroligin-3 Mutation Implicated in Autism Increases Inhibitory Synaptic Transmission in Mice. Science, 2007, 318, 71-76.	6.0	932
3	Activity-Dependent Validation of Excitatory versus Inhibitory Synapses by Neuroligin-1 versus Neuroligin-2. Neuron, 2007, 54, 919-931.	3.8	511
4	Mouse neurexin-1Î± deletion causes correlated electrophysiological and behavioral changes consistent with cognitive impairments. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 17998-18003.	3.3	404
5	Neuroligin-1 Deletion Results in Impaired Spatial Memory and Increased Repetitive Behavior. Journal of Neuroscience, 2010, 30, 2115-2129.	1.7	391
6	Autism-linked neuroligin-3 R451C mutation differentially alters hippocampal and cortical synaptic function. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 13764-13769.	3.3	296
7	An autism-associated point mutation in the neuroligin cytoplasmic tail selectively impairs AMPA receptor-mediated synaptic transmission in hippocampus. EMBO Journal, 2011, 30, 2908-2919.	3.5	123
8	Effect of Long-term Continuous Cardiac Monitoring vs Usual Care on Detection of Atrial Fibrillation in Patients With Stroke Attributed to Large- or Small-Vessel Disease. JAMA - Journal of the American Medical Association, 2021, 325, 2169.	3.8	114
9	Zn2+-Chelating Motif-Tethered Short-Chain Fatty Acids as a Novel Class of Histone Deacetylase Inhibitors. Journal of Medicinal Chemistry, 2004, 47, 467-474.	2.9	99
10	Erythrocyte long-chain omega-3 fatty acid levels are inversely associated with mortality and with incident cardiovascular disease: The Framingham Heart Study. Journal of Clinical Lipidology, 2018, 12, 718-727.e6.	0.6	91
11	The <scp>ENIGMA</scp> Stroke Recovery Working Group: Big data neuroimaging to study brainâ€“behavior relationships after stroke. Human Brain Mapping, 2022, 43, 129-148.	1.9	54
12	Big Data Approaches to Phenotyping Acute Ischemic Stroke Using Automated Lesion Segmentation of Multi-Center Magnetic Resonance Imaging Data. Stroke, 2019, 50, 1734-1741.	1.0	52
13	Diffuse microvascular dysfunction and loss of white matter integrity predict poor outcomes in patients with acute ischemic stroke. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 75-86.	2.4	51
14	Outcome after acute ischemic stroke is linked to sex-specific lesion patterns. Nature Communications, 2021, 12, 3289.	5.8	50
15	Integrity of normal-appearing white matter and functional outcomes after acute ischemic stroke. Neurology, 2017, 88, 1701-1708.	1.5	47
16	Toward a more inclusive paradigm: thrombectomy for stroke patients with pre-existing disabilities. Journal of NeuroInterventional Surgery, 2021, 13, 865-868.	2.0	45
17	Abnormal dynamic functional connectivity is linked to recovery after acute ischemic stroke. Human Brain Mapping, 2021, 42, 2278-2291.	1.9	40
18	Recent Advances in Leukoaraiosis: White Matter Structural Integrity and Functional Outcomes after Acute Ischemic Stroke. Current Cardiology Reports, 2016, 18, 123.	1.3	38

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19	White Matter Integrity and Early Outcomes After Acute Ischemic Stroke. Translational Stroke Research, 2019, 10, 630-638.	2.3	36
20	Spatial Signature of White Matter Hyperintensities in Stroke Patients. Frontiers in Neurology, 2019, 10, 208.	1.1	33
21	Infarct topography and functional outcomes. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 1517-1532.	2.4	30
22	Infarct Growth despite Endovascular Thrombectomy Recanalization in Large Vessel Occlusive Stroke. Journal of Neuroimaging, 2021, 31, 155-164.	1.0	29
23	White Matter Acute Infarct Volume After Thrombectomy for Anterior Circulation Large Vessel Occlusion Stroke is Associated with Long Term Outcomes. Journal of Stroke and Cerebrovascular Diseases, 2021, 30, 105567.	0.7	28
24	Multi-atlas image registration of clinical data with automated quality assessment using ventricle segmentation. Medical Image Analysis, 2020, 63, 101698.	7.0	25
25	Neuroimaging Paradigms to Identify Patients for Reperfusion Therapy in Stroke of Unknown Onset. Frontiers in Neurology, 2018, 9, 327.	1.1	24
26	Brain Connectivity Measures Improve Modeling of Functional Outcome After Acute Ischemic Stroke. Stroke, 2019, 50, 2761-2767.	1.0	24
27	Trends in Telestroke Care Delivery. Circulation: Cardiovascular Quality and Outcomes, 2020, 13, e005903.	0.9	24
28	Rich-Club Organization: An Important Determinant of Functional Outcome After Acute Ischemic Stroke. Frontiers in Neurology, 2019, 10, 956.	1.1	23
29	HIV-associated Neurocognitive Disorders and Antiretroviral Therapy: Current Concepts and Controversies. Current Infectious Disease Reports, 2015, 17, 485.	1.3	22
30	Radiomic signature of DWIâ€FLAIR mismatch in large vessel occlusion stroke. Journal of Neuroimaging, 2022, 32, 63-67.	1.0	22
31	Peak Width of Skeletonized Mean Diffusivity as Neuroimaging Biomarker in Cerebral Amyloid Angiopathy. American Journal of Neuroradiology, 2021, 42, 875-881.	1.2	21
32	Brain Volume: An Important Determinant of Functional Outcome After Acute Ischemic Stroke. Mayo Clinic Proceedings, 2020, 95, 955-965.	1.4	18
33	Association of Infarct Topography and Outcome After Endovascular Thrombectomy in Patients With Acute Ischemic Stroke. Neurology, 2022, 98, .	1.5	18
34	Structural Integrity of Normal Appearing White Matter and Sex-Specific Outcomes After Acute Ischemic Stroke. Stroke, 2017, 48, 3387-3389.	1.0	14
35	Sex-specific differences in presentations and determinants of outcomes after endovascular thrombectomy for large vessel occlusion stroke. Journal of Neurology, 2022, 269, 307-315.	1.8	14
36	Cerebral Small Vessel Disease. CONTINUUM Lifelong Learning in Neurology, 2020, 26, 332-352.	0.4	14

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37	MRI Radiomic Signature of White Matter Hyperintensities Is Associated With Clinical Phenotypes. Frontiers in Neuroscience, 2021, 15, 691244.	1.4	12
38	Excessive White Matter Hyperintensity Increases Susceptibility to Poor Functional Outcomes After Acute Ischemic Stroke. Frontiers in Neurology, 2021, 12, 700616.	1.1	11
39	Prestroke selective serotonin reuptake inhibitor use and functional outcomes after ischaemic stroke. Stroke and Vascular Neurology, 2018, 3, 9-16.	1.5	10
40	Effective Reserve: A Latent Variable to Improve Outcome Prediction in Stroke. Journal of Stroke and Cerebrovascular Diseases, 2019, 28, 63-69.	0.7	10
41	Regional Changes in Patterns of Stroke Presentation During the COVID-19 Pandemic. Stroke, 2021, 52, 1398-1406.	1.0	10
42	Sex-specific differences in white matter microvascular integrity after ischaemic stroke. Stroke and Vascular Neurology, 2019, 4, 198-205.	1.5	9
43	Thrombolysis beyond 4.5Âh in Acute Ischemic Stroke. Current Neurology and Neuroscience Reports, 2020, 20, 35.	2.0	9
44	Sex-specific lesion pattern of functional outcomes after stroke. Brain Communications, 2022, 4, fcac020.	1.5	8
45	Chronic Stroke Sensorimotor Impairment Is Related to Smaller Hippocampal Volumes: An ENIGMA Analysis. Journal of the American Heart Association, 2022, 11, e025109.	1.6	8
46	Smaller spared subcortical nuclei are associated with worse post-stroke sensorimotor outcomes in 28 cohorts worldwide. Brain Communications, 2021, 3, fcab254.	1.5	7
47	White Matter Hyperintensity Burden Is Associated With Hippocampal Subfield Volume in Stroke. Frontiers in Neurology, 2020, 11, 588883.	1.1	6
48	Impact of Emergency Department Crowding on Delays in Acute Stroke Care. Western Journal of Emergency Medicine, 2020, 21, 892-899.	0.6	6
49	Acute ischemic stroke: improving access to intravenous tissue plasminogen activator. Expert Review of Cardiovascular Therapy, 2020, 18, 277-287.	0.6	6
50	Telestroke for the Newly Minted Vascular Neurologist. Stroke, 2018, 49, e162-e164.	1.0	5
51	Direct to Angioâ€Suite Large Vessel Occlusion Stroke Transfers Achieve Faster Arrivalâ€toâ€Puncture Times and Improved Outcomes. , 2022, 2, .		4
52	Patterns of antidepressant therapy and clinical outcomes among ischaemic stroke survivors. Stroke and Vascular Neurology, 2021, 6, 384-394.	1.5	3
53	Utilization of Telestroke Prior to and Following the COVID-19 Pandemic. Seminars in Neurology, 2022, 42, 003-011.	0.5	3
54	Characterizing Reasons for Stroke Thrombectomy Ineligibility Among Potential Candidates Transferred in a Hubâ€andâ€Spoke Network. , 2022, 2, .		3

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55	Normal-appearing white matter microstructural injury is associated with white matter hyperintensity burden in acute ischemic stroke. International Journal of Stroke, 2021, 16, 184-191.	2.9	2
56	A 20-Year-Old Man With Back Pain and Lower Extremity Weakness. JAMA Neurology, 2015, 72, 363.	4.5	1
57	Redefining Normal. Stroke, 2020, 51, 369-370.	1.0	1
58	Global white matter structural integrity mediates the effect of age on ischemic stroke outcomes. International Journal of Stroke, 2021, , 174749302110559.	2.9	1
59	A Man in His 40s With Headache, Lethargy, and Altered Mental Status. JAMA Neurology, 2015, 72, 1061.	4.5	0
60	Clinical Reasoning: A 68-year-old man with a history of lung cancer presenting with right-sided weakness and aphasia. Neurology, 2015, 85, e104-7.	1.5	0
61	â€œAll the soarings of my mind begin in my blood:â€•central nervous system complication of WaldenstrÃ¶m macroglobulinemia. American Journal of Hematology, 2016, 91, 1057-1060.	2.0	0
62	Clinical Problem-Solving: Lethargy and Fever in an Immunocompromised Patient. Neurohospitalist, The, 2018, 8, 38-41.	0.3	0
63	Lâ€™Ã¢ge cÃ©rÃ©bral radiomique prÃ©dit le pronostic fonctionnel aprÃ¨s un avc ischÃ©mique.. Journal of Neuroradiology, 2022, 49, 110-111.	0.6	0
64	Une signature radiomique du mismatch dwi-flair dans l'avc ischÃ©mique.. Journal of Neuroradiology, 2022, 49, 108.	0.6	0
65	Abstract 1122â€000031: Reasons Thrombectomy Candidates Become Ineligible After Transfer for Treatment in a Hubâ€Andâ€Spoke Telestroke Model. , 2021, 1, .		0
66	The role of the hippocampus in mediating cognitive impairment in cerebral amyloid angiopathy. Alzheimer's and Dementia, 2021, 17, .	0.4	0
67	The association of blood pressure variability with white matter integrity and cognitive impairment in cerebral amyloid angiopathy. Alzheimer's and Dementia, 2021, 17, .	0.4	0