

Issam A Awad

List of Publications by Year in descending order

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Version: 2024-02-01

246
papers

17,731
citations

11651

70
h-index

16183

124
g-index

258
all docs

258
docs citations

258
times ranked

9907
citing authors

#	ARTICLE	IF	CITATIONS
1	Perfusion and Permeability <scp>MRI</scp> Predicts Future Cavernous Angioma Hemorrhage and Growth. Journal of Magnetic Resonance Imaging, 2022, 55, 1440-1449.	3.4	9
2	Management of Intraventricular Hemorrhage. , 2022, , 1055-1065.e3.		0
3	Intraventricular Hemorrhage Expansion in the CLEAR III Trial: A Post Hoc Exploratory Analysis. Stroke, 2022, 53, 1847-1853.	2.0	5
4	Developmental venous anomalies are a genetic primer for cerebral cavernous malformations. , 2022, 1, 246-252.		21
5	Propranolol as therapy for cerebral cavernous malformations: a cautionary note. Journal of Translational Medicine, 2022, 20, 160.	4.4	5
6	Cerebral Microbleeds and Acute Hematoma Characteristics in the ATACH-2 and MISTIE III Trials. Neurology, 2022, 98, e1013-e1020.	1.1	5
7	Cerebral Hemorrhage: Pathophysiology, Treatment, and Future Directions. Circulation Research, 2022, 130, 1204-1229.	4.5	109
8	Rapamycin in Cerebral Cavernous Malformations: What Doses to Test in Mice and Humans. ACS Pharmacology and Translational Science, 2022, 5, 266-277.	4.9	5
9	Association of Intraventricular Fibrinolysis With Clinical Outcomes in Intracerebral Hemorrhage: An Individual Participant Data Meta-Analysis. Stroke, 2022, 53, 2876-2886.	2.0	11
10	3D Deep Neural Network Segmentation of Intracerebral Hemorrhage: Development and Validation for Clinical Trials. Neuroinformatics, 2021, 19, 403-415.	2.8	31
11	Cerebrovascular Complications in Early Survivors of Civilian Penetrating Brain Injury. Neurocritical Care, 2021, 34, 918-926.	2.4	10
12	Prior antiplatelet therapy and haematoma expansion after primary intracerebral haemorrhage: an individual patient-level analysis of CLEAR III, MISTIE III and VISTA-ICH. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 364-369.	1.9	9
13	Intracerebral Hemorrhage Volume Reduction and Timing of Intervention Versus Functional Benefit and Survival in the MISTIE III and STICH Trials. Neurosurgery, 2021, 88, 961-970.	1.1	24
14	Propranolol inhibits cavernous vascular malformations by β_1 adrenergic receptor antagonism in animal models. Journal of Clinical Investigation, 2021, 131, .	8.2	28
15	Longitudinal transcriptomics define the stages of myeloid activation in the living human brain after intracerebral hemorrhage. Science Immunology, 2021, 6, .	11.9	31
16	Leukocyte dynamics after intracerebral hemorrhage in a living patient reveal rapid adaptations to tissue milieu. JCI Insight, 2021, 6, .	5.0	11
17	Impact of Intracranial Pressure Monitorâ€“Guided Therapy on Neurologic Outcome After Spontaneous Nontraumatic Intracranial Hemorrhage. Journal of Stroke and Cerebrovascular Diseases, 2021, 30, 105540.	1.6	10
18	Temporal Evolution and Outcomes of Non-Traumatic Intracerebral Hemorrhage in Hospitalized Patients. Journal of Stroke and Cerebrovascular Diseases, 2021, 30, 105584.	1.6	0

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19	PIK3CA and CCM mutations fuel cavernomas through a cancer-like mechanism. <i>Nature</i> , 2021, 594, 271-276.	27.8	103
20	Perfusion and permeability as diagnostic biomarkers of cavernous angioma with symptomatic hemorrhage. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 2944-2956.	4.3	6
21	Abortive intussusceptive angiogenesis causes multi-cavernous vascular malformations. <i>ELife</i> , 2021, 10, .	6.0	8
22	Cerebral Cavernous Malformation: From Mechanism to Therapy. <i>Circulation Research</i> , 2021, 129, 195-215.	4.5	82
23	Commentary: Feasibility and Morbidity of Magnetic Resonance Imaging-Guided Stereotactic Laser Ablation of Deep Cerebral Cavernous Malformations: A Report of 4 Cases. <i>Neurosurgery</i> , 2021, 89, E207-E208.	1.1	2
24	In Reply: Intracerebral Hemorrhage Volume Reduction and Timing of Intervention Versus Functional Benefit and Survival in the MISTIE III and STICH Trials. <i>Neurosurgery</i> , 2021, 89, E247-E248.	1.1	2
25	Astrocytes propel neurovascular dysfunction during cerebral cavernous malformation lesion formation. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	32
26	Intracranial Pressure and Cerebral Perfusion Pressure in Large Spontaneous Intracranial Hemorrhage and Impact of Minimally Invasive Surgery. <i>Frontiers in Neurology</i> , 2021, 12, 729831.	2.4	11
27	CSF and serum inflammatory response and association with outcomes in spontaneous intracerebral hemorrhage with intraventricular extension: an analysis of the CLEAR-III Trial. <i>Journal of Neuroinflammation</i> , 2021, 18, 179.	7.2	12
28	Post-Trial Enhanced Deployment and Technical Performance with the MISTIE Procedure per Lessons Learned. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105996.	1.6	3
29	Baseline Characteristics of Patients With Cavernous Angiomas With Symptomatic Hemorrhage in Multisite Trial Readiness Project. <i>Stroke</i> , 2021, 52, 3829-3838.	2.0	6
30	COVID-19 in a Hemorrhagic Neurovascular Disease, Cerebral Cavernous Malformation. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 106101.	1.6	3
31	Post-Stroke Depression in Patients with Large Spontaneous Intracerebral Hemorrhage. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 106082.	1.6	9
32	A Roadmap for Developing Plasma Diagnostic and Prognostic Biomarkers of Cerebral Cavernous Angioma With Symptomatic Hemorrhage (CASH). <i>Neurosurgery</i> , 2021, 88, 686-697.	1.1	17
33	Association Between Intraventricular Alteplase Use and Parenchymal Hematoma Volume in Patients With Spontaneous Intracerebral Hemorrhage and Intraventricular Hemorrhage. <i>JAMA Network Open</i> , 2021, 4, e2135773.	5.9	6
34	Phantom validation of quantitative susceptibility and dynamic contrast-enhanced permeability MR sequences across instruments and sites. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1192-1199.	3.4	10
35	A Brain-Targeted Orally Available ROCK2 Inhibitor Benefits Mild and Aggressive Cavernous Angioma Disease. <i>Translational Stroke Research</i> , 2020, 11, 365-376.	4.2	22
36	Symptomatic Brain Hemorrhages from Cavernous Angioma After Botulinum Toxin Injections, a Role of TLR/MEKK3 Mechanism? Case Report and Review of the Literature. <i>World Neurosurgery</i> , 2020, 136, 7-11.	1.3	7

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37	In Reply: Surgical Performance Determines Functional Outcome Benefit in the Minimally Invasive Surgery Plus Recombinant Tissue Plasminogen Activator for Intracerebral Hemorrhage Evacuation (MISTIE) Procedure. <i>Neurosurgery</i> , 2020, 86, E411-E411.	1.1	4
38	A Pooled Analysis of Diffusion-Weighted Imaging Lesions in Patients With Acute Intracerebral Hemorrhage. <i>JAMA Neurology</i> , 2020, 77, 1390.	9.0	38
39	Novel Murine Models of Cerebral Cavernous Malformations. <i>Angiogenesis</i> , 2020, 23, 651-666.	7.2	36
40	Cerebral cavernous malformations are driven by ADAMTS5 proteolysis of versican. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	30
41	Thrombolysis for Evacuation of Intracerebral and Intraventricular Hemorrhage: A Guide to Surgical Protocols With Practical Lessons Learned From the MISTIE and CLEAR Trials. <i>Operative Neurosurgery</i> , 2020, 20, 98-108.	0.8	8
42	Antibodies in cerebral cavernous malformations react with cytoskeleton autoantigens in the lesional milieu. <i>Journal of Autoimmunity</i> , 2020, 113, 102469.	6.5	4
43	Permissive microbiome characterizes human subjects with a neurovascular disease cavernous angioma. <i>Nature Communications</i> , 2020, 11, 2659.	12.8	27
44	Role of Temporal Sequence in Treating Intracerebral Hemorrhage. <i>Annals of Neurology</i> , 2020, 88, 237-238.	5.3	3
45	Common transcriptome, plasma molecules, and imaging signatures in the aging brain and a Mendelian neurovascular disease, cerebral cavernous malformation. <i>GeroScience</i> , 2020, 42, 1351-1363.	4.6	11
46	Primary intraventricular hemorrhage outcomes in the CLEAR III trial. <i>International Journal of Stroke</i> , 2020, 15, 872-880.	5.9	7
47	Cerebral Cavernous Malformation Proteins in Barrier Maintenance and Regulation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 675.	4.1	20
48	Relationship of White Matter Lesions with Intracerebral Hemorrhage Expansion and Functional Outcome: MISTIE II and CLEAR III. <i>Neurocritical Care</i> , 2020, 33, 516-524.	2.4	11
49	Quantitative Susceptibility Mapping and Vessel Wall Imaging as Screening Tools to Detect Microbleed in Sentinel Headache. <i>Journal of Clinical Medicine</i> , 2020, 9, 979.	2.4	10
50	Stereotactic laser interstitial thermal therapy for epilepsy associated with solitary and multiple cerebral cavernous malformations. <i>Neurosurgical Focus</i> , 2020, 48, E12.	2.3	14
51	Subclinical imaging changes in cerebral cavernous angiomas during prospective surveillance. <i>Journal of Neurosurgery</i> , 2020, 134, 1-8.	1.6	8
52	Venous Thromboembolism After Intraventricular Hemorrhage: Results From the CLEAR III Trial. <i>Neurosurgery</i> , 2019, 84, 709-716.	1.1	8
53	Phenotypic characterization of murine models of cerebral cavernous malformations. <i>Laboratory Investigation</i> , 2019, 99, 319-330.	3.7	24
54	Cavernous angiomas: deconstructing a neurosurgical disease. <i>Journal of Neurosurgery</i> , 2019, 131, 1-13.	1.6	87

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55	Transcriptome clarifies mechanisms of lesion genesis versus progression in models of Ccm3 cerebral cavernous malformations. <i>Acta Neuropathologica Communications</i> , 2019, 7, 132.	5.2	27
56	Surgery for intracerebral haemorrhage – Authors' reply. <i>Lancet, The</i> , 2019, 394, e22-e23.	13.7	0
57	Surgical Performance Determines Functional Outcome Benefit in the Minimally Invasive Surgery Plus Recombinant Tissue Plasminogen Activator for Intracerebral Hemorrhage Evacuation (MISTIE) Procedure. <i>Neurosurgery</i> , 2019, 84, 1157-1168.	1.1	93
58	A randomized 500-subject open-label phase 3 clinical trial of minimally invasive surgery plus alteplase in intracerebral hemorrhage evacuation (MISTIE III). <i>International Journal of Stroke</i> , 2019, 14, 548-554.	5.9	19
59	Efficacy and safety of minimally invasive surgery with thrombolysis in intracerebral haemorrhage evacuation (MISTIE III): a randomised, controlled, open-label, blinded endpoint phase 3 trial. <i>Lancet, The</i> , 2019, 393, 1021-1032.	13.7	534
60	Rho Kinase Inhibition Blunts Lesion Development and Hemorrhage in Murine Models of Aggressive <i>Pdcd10/Ccm3</i> Disease. <i>Stroke</i> , 2019, 50, 738-744.	2.0	40
61	Distinct cellular roles for PDCD10 define a gut-brain axis in cerebral cavernous malformation. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	51
62	Intracranial Hypertension and Cerebral Perfusion Pressure Insults in Adult Hypertensive Intraventricular Hemorrhage: Occurrence and Associations With Outcome. <i>Critical Care Medicine</i> , 2019, 47, 1125-1134.	0.9	43
63	Atorvastatin Treatment of Cavernous Angiomas with Symptomatic Hemorrhage Exploratory Proof of Concept (AT CASH EPOC) Trial. <i>Neurosurgery</i> , 2019, 85, 843-853.	1.1	58
64	Cerebral cavernous malformations form an anticoagulant vascular domain in humans and mice. <i>Blood</i> , 2019, 133, 193-204.	1.4	60
65	The cerebral cavernous malformation disease causing gene KRIT1 participates in intestinal epithelial barrier maintenance and regulation. <i>FASEB Journal</i> , 2019, 33, 2132-2143.	0.5	11
66	Trial Readiness in Cavernous Angiomas With Symptomatic Hemorrhage (CASH). <i>Neurosurgery</i> , 2019, 84, 954-964.	1.1	34
67	Comprehensive transcriptome analysis of cerebral cavernous malformation across multiple species and genotypes. <i>JCI Insight</i> , 2019, 4, .	5.0	40
68	Biomarkers of cavernous angioma with symptomatic hemorrhage. <i>JCI Insight</i> , 2019, 4, .	5.0	25
69	Research Update in Neuroscience for Neurosurgeons: a historical perspective. <i>Journal of Neurosurgery</i> , 2019, 131, 639-648.	1.6	1
70	Basic and Translational Research in Intracerebral Hemorrhage. <i>Stroke</i> , 2018, 49, 1308-1314.	2.0	41
71	Symptomatic Hemorrhagic Complications in Clot Lysis: Evaluation of Accelerated Resolution of Intraventricular Hemorrhage Phase III Clinical Trial (CLEAR III): A Posthoc Root-Cause Analysis. <i>Neurosurgery</i> , 2018, 83, 1260-1268.	1.1	5
72	The Incidence of Catheter Tract Hemorrhage and Catheter Placement Accuracy in the CLEAR III Trial. <i>Neurocritical Care</i> , 2018, 29, 23-32.	2.4	21

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73	Plasma Biomarkers of Inflammation and Angiogenesis Predict Cerebral Cavernous Malformation Symptomatic Hemorrhage or Lesional Growth. <i>Circulation Research</i> , 2018, 122, 1716-1721.	4.5	47
74	Influence of Bleeding Pattern on Ischemic Lesions After Spontaneous Hypertensive Intracerebral Hemorrhage with Intraventricular Hemorrhage. <i>Neurocritical Care</i> , 2018, 29, 180-188.	2.4	13
75	Plasma Biomarkers of Inflammation Reflect Seizures and Hemorrhagic Activity of Cerebral Cavernous Malformations. <i>Translational Stroke Research</i> , 2018, 9, 34-43.	4.2	45
76	Quantitative susceptibility mapping as a monitoring biomarker in cerebral cavernous malformations with recent hemorrhage. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 1133-1138.	3.4	23
77	Combined petrosal approach. <i>Current Opinion in Otolaryngology and Head and Neck Surgery</i> , 2018, 26, 293-301.	1.8	6
78	Thrombolytic removal of intraventricular haemorrhage in treatment of severe stroke: results of the randomised, multicentre, multiregion, placebo-controlled CLEAR III trial. <i>Lancet, The</i> , 2017, 389, 603-611.	13.7	364
79	Surgical Performance in Minimally Invasive Surgery Plus Recombinant Tissue Plasminogen Activator for Intracerebral Hemorrhage Evacuation Phase III Clinical Trial. <i>Neurosurgery</i> , 2017, 81, 860-866.	1.1	46
80	Endothelial TLR4 and the microbiome drive cerebral cavernous malformations. <i>Nature</i> , 2017, 545, 305-310.	27.8	247
81	“Standards and guidelines for standards and guidelines”: intracranial dural arteriovenous shunts as a paradigm. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 429-430.	3.3	1
82	Demographic Risk Factors for Vascular Lesions as Etiology of Intraventricular Hemorrhage in Prospectively Screened Cases. <i>Cerebrovascular Diseases</i> , 2017, 43, 223-230.	1.7	9
83	Synopsis of Guidelines for the Clinical Management of Cerebral Cavernous Malformations: Consensus Recommendations Based on Systematic Literature Review by the Angioma Alliance Scientific Advisory Board Clinical Experts Panel. <i>Neurosurgery</i> , 2017, 80, 665-680.	1.1	334
84	Thrombospondin1 (TSP1) replacement prevents cerebral cavernous malformations. <i>Journal of Experimental Medicine</i> , 2017, 214, 3331-3346.	8.5	80
85	Permanent CSF shunting after intraventricular hemorrhage in the CLEAR III trial. <i>Neurology</i> , 2017, 89, 355-362.	1.1	29
86	Vascular permeability and iron deposition biomarkers in longitudinal follow-up of cerebral cavernous malformations. <i>Journal of Neurosurgery</i> , 2017, 127, 102-110.	1.6	44
87	RhoA Kinase Inhibition With Fasudil Versus Simvastatin in Murine Models of Cerebral Cavernous Malformations. <i>Stroke</i> , 2017, 48, 187-194.	2.0	86
88	Cerebral cavernous malformations arise from endothelial gain of MEK3/4 signalling. <i>Nature</i> , 2016, 532, 122-126.	27.8	249
89	B-Cell Depletion Reduces the Maturation of Cerebral Cavernous Malformations in Murine Models. <i>Journal of NeuroImmune Pharmacology</i> , 2016, 11, 369-377.	4.1	39
90	Safety and efficacy of minimally invasive surgery plus alteplase in intracerebral haemorrhage evacuation (MISTIE): a randomised, controlled, open-label, phase 2 trial. <i>Lancet Neurology, The</i> , 2016, 15, 1228-1237.	10.2	292

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91	Quantitative Susceptibility Mapping in Cerebral Cavernous Malformations: Clinical Correlations. American Journal of Neuroradiology, 2016, 37, 1209-1215.	2.4	35
92	Micro-computed tomography in murine models of cerebral cavernous malformations as a paradigm for brain disease. Journal of Neuroscience Methods, 2016, 271, 14-24.	2.5	25
93	Peripheral plasma vitamin D and non-HDL cholesterol reflect the severity of cerebral cavernous malformation disease. Biomarkers in Medicine, 2016, 10, 255-264.	1.4	31
94	Accuracy of the ABC/2 Score for Intracerebral Hemorrhage. Stroke, 2015, 46, 2470-2476.	2.0	125
95	Vascular Permeability in Cerebral Cavernous Malformations. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 1632-1639.	4.3	55
96	Bleeding and Infection With External Ventricular Drainage. Neurosurgery, 2015, 76, 291-301.	1.1	67
97	Exceptional aggressiveness of cerebral cavernous malformation disease associated with PDCD10 mutations. Genetics in Medicine, 2015, 17, 188-196.	2.4	116
98	Dynamic Permeability and Quantitative Susceptibility. Stroke, 2014, 45, 598-601.	2.0	59
99	Guidelines for the Prevention of Stroke in Women. Stroke, 2014, 45, 1545-1588.	2.0	754
100	Evaluation of Iron Content in Human Cerebral Cavernous Malformation Using Quantitative Susceptibility Mapping. Investigative Radiology, 2014, 49, 498-504.	6.2	83
101	Spontaneous Intracerebral and Intraventricular Hemorrhage. Neurosurgery, 2014, 74, S142-S150.	1.1	45
102	A Multicenter, Randomized, Double-Blinded, Placebo-Controlled Phase III Study of Clot Lysis Evaluation of Accelerated Resolution of Intraventricular Hemorrhage (CLEAR III). International Journal of Stroke, 2014, 9, 536-542.	5.9	102
103	Determinants of External Ventricular Drain Placement and Associated Outcomes in Patients with Spontaneous Intraventricular Hemorrhage. Neurocritical Care, 2014, 21, 426-434.	2.4	40
104	Lesions from patients with sporadic cerebral cavernous malformations harbor somatic mutations in the CCM genes: evidence for a common biochemical pathway for CCM pathogenesis. Human Molecular Genetics, 2014, 23, 4357-4370.	2.9	117
105	Intensive Care After Elective Craniotomy: "All Politics Is Local". World Neurosurgery, 2014, 81, 64-65.	1.3	9
106	Immune complex formation and in situ B-cell clonal expansion in human cerebral cavernous malformations. Journal of Neuroimmunology, 2014, 272, 67-75.	2.3	26
107	When Blood Tickles the Brain: Where Is the Argument?. World Neurosurgery, 2013, 79, 636-637.	1.3	1
108	The Modified Graeb Score. Stroke, 2013, 44, 635-641.	2.0	119

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109	Minimally Invasive Surgery Plus Recombinant Tissue-type Plasminogen Activator for Intracerebral Hemorrhage Evacuation Decreases Perihematomal Edema. <i>Stroke</i> , 2013, 44, 627-634.	2.0	301
110	Resolution of Intraventricular Hemorrhage Varies by Ventricular Region and Dose of Intraventricular Thrombolytic. <i>Stroke</i> , 2012, 43, 1666-1668.	2.0	81
111	Ventricular Catheter Location and the Clearance of Intraventricular Hemorrhage. <i>Neurosurgery</i> , 2012, 70, 1258-1264.	1.1	35
112	Fasudil Decreases Lesion Burden in a Murine Model of Cerebral Cavernous Malformation Disease. <i>Stroke</i> , 2012, 43, 571-574.	2.0	130
113	Occurrence and impact of intracranial pressure elevation during treatment of severe intraventricular hemorrhage*. <i>Critical Care Medicine</i> , 2012, 40, 1601-1608.	0.9	69
114	Thrombolytic Evacuation of Intracerebral and Intraventricular Hemorrhage. <i>Current Cardiology Reports</i> , 2012, 14, 754-760.	2.9	16
115	Drainage Efficiency with Dual Versus Single Catheters in Severe Intraventricular Hemorrhage. <i>Neurocritical Care</i> , 2012, 16, 399-405.	2.4	32
116	External Ventricular Drainage for Intraventricular Hemorrhage. <i>Current Neurology and Neuroscience Reports</i> , 2012, 12, 24-33.	4.2	116
117	Comments. <i>Neurosurgery</i> , 2012, 71, 108.	1.1	0
118	A "pseudo-cavernoma" An encapsulated hematoma of the choroid plexus. <i>Journal of Clinical Neuroscience</i> , 2011, 18, 846-848.	1.5	2
119	Intraventricular Hemorrhage Secondary to Intranidal Aneurysm Rupture—Successful Management by Arteriovenous Malformation Embolization Followed by Intraventricular Tissue Plasminogen Activator: Case Report. <i>Neurosurgery</i> , 2011, 68, E581-E586.	1.1	12
120	Magnetic Resonance Imaging Evaluation of Cerebral Cavernous Malformations With Susceptibility-Weighted Imaging. <i>Neurosurgery</i> , 2011, 68, 641-648.	1.1	80
121	Fatal "hypertensive" intracerebral hemorrhage associated with a cerebral cavernous angioma: case report. <i>Acta Neurochirurgica</i> , 2011, 153, 421-423.	1.7	4
122	Low-Dose Recombinant Tissue-Type Plasminogen Activator Enhances Clot Resolution in Brain Hemorrhage. <i>Stroke</i> , 2011, 42, 3009-3016.	2.0	169
123	A novel mouse model of cerebral cavernous malformations based on the two-hit mutation hypothesis recapitulates the human disease. <i>Human Molecular Genetics</i> , 2011, 20, 211-222.	2.9	120
124	A founder mutation in the Ashkenazi Jewish population affecting messenger RNA splicing of the CCM2 gene causes cerebral cavernous malformations. <i>Genetics in Medicine</i> , 2011, 13, 662-666.	2.4	12
125	Cerebral cavernous malformations proteins inhibit Rho kinase to stabilize vascular integrity. <i>Journal of Experimental Medicine</i> , 2010, 207, 881-896.	8.5	303
126	Emerging clinical imaging techniques for cerebral cavernous malformations: a systematic review. <i>Neurosurgical Focus</i> , 2010, 29, E6.	2.3	93

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127	Genomics of Human Intracranial Aneurysm Wall. <i>Stroke</i> , 2009, 40, 1252-1261.	2.0	101
128	Radiosurgery for angiographically occult vascular malformations. <i>Neurosurgical Focus</i> , 2009, 26, E16.	2.3	30
129	Immune Response in Human Cerebral Cavernous Malformations. <i>Stroke</i> , 2009, 40, 1659-1665.	2.0	52
130	Biology of Vascular Malformations of the Brain. <i>Stroke</i> , 2009, 40, e694-702.	2.0	194
131	OUTCOME PREDICTORS AND SPECTRUM OF TREATMENT ELIGIBILITY WITH PROSPECTIVE PROTOCOLIZED MANAGEMENT OF INTRACEREBRAL HEMORRHAGE. <i>Neurosurgery</i> , 2009, 64, 436-446.	1.1	20
132	CAVERNOUS MALFORMATIONS OF THE BASAL GANGLIA AND THALAMUS. <i>Neurosurgery</i> , 2009, 65, 7-19.	1.1	72
133	BRAINSTEM CAVERNOUS MALFORMATIONS. <i>Neurosurgery</i> , 2009, 64, E805-E818.	1.1	144
134	CEREBRAL CAVERNOUS MALFORMATIONS. <i>Neurosurgery</i> , 2009, 65, 138-145.	1.1	68
135	Different spectra of genomic deletions within the CCM genes between Italian and American CCM patient cohorts. <i>Neurogenetics</i> , 2008, 9, 25-31.	1.4	33
136	Current Updates in Perioperative Management of Intracerebral Hemorrhage. <i>Neurosurgery Clinics of North America</i> , 2008, 19, 401-414.	1.7	6
137	Hemorrhage From Cavernous Malformations of the Brain. <i>Stroke</i> , 2008, 39, 3222-3230.	2.0	230
138	ADVANCED MAGNETIC RESONANCE IMAGING OF CEREBRAL CAVERNOUS MALFORMATIONS. <i>Neurosurgery</i> , 2008, 63, 790-798.	1.1	46
139	Surrogate Measures of Outcome in Clinical Trials. <i>Neurosurgery</i> , 2008, 63, N5.	1.1	1
140	ADVANCED MAGNETIC RESONANCE IMAGING OF CEREBRAL CAVERNOUS MALFORMATIONS. <i>Neurosurgery</i> , 2008, 63, 782-789.	1.1	30
141	Engineering the Ideal Bypass Graft. <i>Neurosurgery</i> , 2008, 63, N9.	1.1	0
142	Oligoclonal immune response in cerebral cavernous malformations. <i>Journal of Neurosurgery</i> , 2007, 107, 1023-1026.	1.6	38
143	CONCEPTS AND HYPOTHESES. <i>Neurosurgery</i> , 2007, 61, 693-703.	1.1	45
144	On Lumbar Disc Herniation, SPORT and "We Told You So" <i>Neurosurgery</i> , 2007, 60, N6-N7.	1.1	0

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145	On COURAGE and lessons from the heart. <i>Neurosurgery</i> , 2007, 60, N8.	1.1	1
146	Current Updates in Perioperative Management of Intracerebral Hemorrhage. <i>Neurologic Clinics</i> , 2006, 24, 745-764.	1.8	19
147	SPECTRUM OF GENOTYPE AND CLINICAL MANIFESTATIONS IN CEREBRAL CAVERNOUS MALFORMATIONS. <i>Neurosurgery</i> , 2006, 59, 1278-1285.	1.1	56
148	Retrograde suction decompression of giant paraclinoid aneurysms using a No. 7 French balloon-containing guide catheter. <i>Journal of Neurosurgery</i> , 2006, 105, 479-481.	1.6	40
149	Neuroendovascular Interventions for Intracranial Posterior Circulation Disease via the Transradial Approach: Technical Case Report. <i>Neurosurgery</i> , 2005, 56, E626-E626.	1.1	62
150	Ruptured superior cerebellar artery aneurysm in a child with bilateral fibromuscular hyperplasia of the renal arteries. <i>Journal of Neurosurgery: Pediatrics</i> , 2005, 102, 338-341.	1.3	9
151	Biallelic Somatic and Germ Line CCM1 Truncating Mutations in a Cerebral Cavernous Malformation Lesion. <i>Stroke</i> , 2005, 36, 872-874.	2.0	152
152	Intracranial cavernous angioma: a practical review of clinical and biological aspects. <i>World Neurosurgery</i> , 2005, 63, 319-328.	1.3	153
153	Unfolding knowledge on cerebral cavernous malformations. <i>World Neurosurgery</i> , 2005, 63, 317-318.	1.3	15
154	FDA Approves Vagal Nerve Stimulator for Treatment Resistant Depression. <i>Neurosurgery</i> , 2005, 57, N6-N6.	1.1	0
155	Multiple Spinal Cavernous Malformations with Atypical Phenotype after Prior Irradiation: Case Report. <i>Neurosurgery</i> , 2004, 55, E1435-E1439.	1.1	31
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