

Daniele Rigamonti

List of Publications by Year in descending order

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Version: 2024-02-01

130
papers

6,702
citations

109137

35
h-index

62479

80
g-index

150
all docs

150
docs citations

150
times ranked

5012
citing authors

#	ARTICLE	IF	CITATIONS
1	Cerebral Cavernous Malformations. <i>New England Journal of Medicine</i> , 1988, 319, 343-347.	13.9	665
2	The MRI appearance of cavernous malformations (angiomas). <i>Journal of Neurosurgery</i> , 1987, 67, 518-524.	0.9	551
3	Spinal epidural abscess: contemporary trends in etiology, evaluation, and management. <i>World Neurosurgery</i> , 1999, 52, 189-197.	1.3	374
4	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.	0.6	334
5	Detection of tumor-derived DNA in cerebrospinal fluid of patients with primary tumors of the brain and spinal cord. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 9704-9709.	3.3	317
6	Spinal epidural abscess: A report of 40 cases and review. <i>World Neurosurgery</i> , 1992, 38, 225-231.	1.3	278
7	Cavernous malformations: natural history, diagnosis and treatment. <i>Nature Reviews Neurology</i> , 2009, 5, 659-670.	4.9	266
8	Hemangioblastomas of the Central Nervous System in von Hippel-Lindau Syndrome and Sporadic Disease. <i>Neurosurgery</i> , 2001, 48, 55-63.	0.6	259
9	The Natural History of Cavernous Malformations: A Prospective Study of 68 Patients. <i>Neurosurgery</i> , 1999, 44, 1166-1173.	0.6	248
10	Cerebrospinal fluid shunt placement for pseudotumor cerebri-associated intractable headache: predictors of treatment response and an analysis of long-term outcomes. <i>Journal of Neurosurgery</i> , 2004, 101, 627-632.	0.9	216
11	Cavernous Malformations and Capillary Telangiectasia: A Spectrum within a Single Pathological Entity. <i>Neurosurgery</i> , 1991, 28, 60-64.	0.6	214
12	Diagnosis, Treatment, and Analysis of Long-term Outcomes in Idiopathic Normal-Pressure Hydrocephalus. <i>Neurosurgery</i> , 2005, 57, 699-705.	0.6	213
13	The Natural History of Cavernous Malformations. <i>Neurosurgery Clinics of North America</i> , 1999, 10, 411-417.	0.8	201
14	The diagnosis and treatment of idiopathic normal pressure hydrocephalus. <i>Nature Clinical Practice Neurology</i> , 2006, 2, 375-381.	2.7	170
15	Dynamic nature of cavernous malformations: a prospective magnetic resonance imaging study with volumetric analysis. <i>Journal of Neurosurgery</i> , 2000, 93, 981-986.	0.9	155
16	Cerebral venous malformations. <i>Journal of Neurosurgery</i> , 1990, 73, 560-564.	0.9	141
17	Epidural abscesses of the CNS. <i>Lancet Neurology</i> , The, 2009, 8, 292-300.	4.9	141
18	The Natural History of Conservatively Managed Symptomatic Intramedullary Spinal Cord Cavernomas. <i>Neurosurgery</i> , 2007, 60, 865-872.	0.6	118

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19	Visual and Neurological Outcomes Following Endovascular Stenting for Pseudotumor Cerebri Associated With Transverse Sinus Stenosis. <i>Journal of Neuro-Ophthalmology</i> , 2013, 33, 117-122.	0.4	109
20	Baseline Neuropsychological Profile and Cognitive Response to Cerebrospinal Fluid Shunting for Idiopathic Normal Pressure Hydrocephalus. <i>Dementia and Geriatric Cognitive Disorders</i> , 2005, 20, 163-168.	0.7	107
21	Mutations in KRIT1 in Familial Cerebral Cavernous Malformations. <i>Neurosurgery</i> , 2000, 46, 1272-1279.	0.6	90
22	DIAGNOSIS, TREATMENT, AND ANALYSIS OF LONG-TERM OUTCOMES IN IDIOPATHIC NORMAL-PRESSURE HYDROCEPHALUS. <i>Neurosurgery</i> , 2008, 62, 670-7.	0.6	85
23	INTERACTION BETWEEN KRIT1 AND MALCAVERNIN. <i>Neurosurgery</i> , 2007, 60, 353-359.	0.6	82
24	Diagnosis, Treatment, and Analysis of Long-term Outcomes in Idiopathic Normal-Pressure Hydrocephalus. <i>Neurosurgery</i> , 2005, 57, 699-705.	0.6	73
25	Appearance of venous malformations on magnetic resonance imaging. <i>Journal of Neurosurgery</i> , 1988, 69, 535-539.	0.9	71
26	Ventriculoatrial versus ventriculoperitoneal shunt complications in idiopathic normal pressure hydrocephalus. <i>Clinical Neurology and Neurosurgery</i> , 2017, 157, 1-6.	0.6	69
27	Cognitive Recovery in Idiopathic Normal Pressure Hydrocephalus After Shunt. <i>Cognitive and Behavioral Neurology</i> , 2004, 17, 179-184.	0.5	63
28	Prevalence and fatality rates of COVID-19: What are the reasons for the wide variations worldwide?. <i>Travel Medicine and Infectious Disease</i> , 2020, 35, 101711.	1.5	58
29	Venous sinus stenting is a valuable treatment for fulminant idiopathic intracranial hypertension. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 685-689.	0.8	55
30	Visual outcomes of surgical intervention for pseudotumour cerebri: optic nerve sheath fenestration versus cerebrospinal fluid diversion. <i>British Journal of Ophthalmology</i> , 2014, 98, 1360-1363.	2.1	54
31	Cloning of the Murine Krit1 cDNA Reveals Novel Mammalian 5' Coding Exons. <i>Genomics</i> , 2000, 70, 392-395.	1.3	46
32	Spinal Epidural Abscess: Current Diagnosis and Management. <i>Current Infectious Disease Reports</i> , 2010, 12, 484-491.	1.3	46
33	Risk factors for failed transverse sinus stenting in pseudotumor cerebri patients. <i>Clinical Neurology and Neurosurgery</i> , 2014, 127, 75-78.	0.6	44
34	KRIT1 MODULATES β 21-INTEGRIN-MEDIATED ENDOTHELIAL CELL PROLIFERATION. <i>Neurosurgery</i> , 2008, 63, 571-578.	0.6	41
35	The Juxtaposition of a Capillary Telangiectasia, Cavernous Malformation, and Developmental Venous Anomaly in the Brainstem of a Single Patient: Case Report. <i>Neurosurgery</i> , 2001, 49, 1246-1250.	0.6	37
36	Stereotactic Radiosurgery: Treatment of Brain Metastasis Without Interruption of Systemic Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 735-742.	0.4	37

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37	Cognitive Impairment in Patients with Pseudotumor Cerebri Syndrome. <i>Behavioural Neurology</i> , 2011, 24, 143-148.	1.1	36
38	Use of Stereotactic Radiosurgery in Elderly and Very Elderly Patients With Brain Metastases to Limit Toxicity Associated With Whole Brain Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 98, 939-947.	0.4	32
39	Clinical outcomes after ventriculoatrial shunting for idiopathic normal pressure hydrocephalus. <i>Clinical Neurology and Neurosurgery</i> , 2016, 143, 34-38.	0.6	30
40	Racial Associations with Hemorrhagic Presentation in Cerebral Arteriovenous Malformations. <i>World Neurosurgery</i> , 2015, 84, 461-469.	0.7	28
41	Alzheimer's disease pathology and shunt surgery outcome in normal pressure hydrocephalus. <i>PLoS ONE</i> , 2017, 12, e0182288.	1.1	28
42	Timing of surgical treatment for idiopathic normal pressure hydrocephalus: association between treatment delay and reduced short-term benefit. <i>Neurosurgical Focus</i> , 2016, 41, E2.	1.0	27
43	The Juxtaposition of a Capillary Telangiectasia, Cavernous Malformation, and Developmental Venous Anomaly in the Brainstem of a Single Patient: Case Report. <i>Neurosurgery</i> , 2001, 49, 1246-1250.	0.6	26
44	The strategy of repeat stereotactic radiosurgery without whole brain radiation treatment for new brain metastases: Outcomes and implications for follow-up monitoring. <i>Practical Radiation Oncology</i> , 2016, 6, 409-416.	1.1	24
45	Superficial Siderosis Associated with Multiple Cavernous Malformations: Report of Three Cases. <i>Neurosurgery</i> , 2001, 48, 1147-1151.	0.6	23
46	Effect of Antibiotic-Impregnated Shunts on Infection Rate in Adult Hydrocephalus: A Single Institution's Experience. <i>Neurosurgery</i> , 2011, 69, 625-629.	0.6	22
47	Cost Analysis of Antibiotic-Impregnated Catheters in the Treatment of Hydrocephalus in Adult Patients. <i>World Neurosurgery</i> , 2010, 74, 528-531.	0.7	21
48	The Natural History of Cavernous Malformations: A Prospective Study of 68 Patients. <i>Neurosurgery</i> , 1999, 44, 1166-1171.	0.6	19
49	Long-term hydrocephalus alters the cytoarchitecture of the adult subventricular zone. <i>Experimental Neurology</i> , 2014, 261, 236-244.	2.0	17
50	Cavernous Malformations: A Review and Current Controversies. <i>Neurosurgery Quarterly</i> , 2006, 16, 15-23.	0.1	16
51	Functional gait outcomes for idiopathic normal pressure hydrocephalus after primary endoscopic third ventriculostomy. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 1303-1308.	0.8	16
52	Planning Evaluation of C-Arm Cone Beam CT Angiography for Target Delineation in Stereotactic Radiation Surgery of Brain Arteriovenous Malformations. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 430-437.	0.4	15
53	Vertebral hemangiomas associated with familial cerebral cavernous malformation: segmental disease expression. <i>Journal of Neurosurgery: Spine</i> , 2002, 97, 227-230.	0.9	14
54	Outcomes and Experience with Lumbopleural Shunts in the Management of Idiopathic Intracranial Hypertension. <i>World Neurosurgery</i> , 2015, 84, 314-319.	0.7	14

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55	Are shunt series and shunt patency studies useful in patients with shunted idiopathic intracranial hypertension in the emergency department?. <i>Clinical Neurology and Neurosurgery</i> , 2015, 138, 89-93.	0.6	13
56	The Nature and Fate of Punctate (Type IV) Cavernous Malformations. <i>Neurosurgery</i> , 2001, 49, 26-32.	0.6	12
57	The Nature and Fate of Punctate (Type IV) Cavernous Malformations. <i>Neurosurgery</i> , 2001, 49, 26-32.	0.6	12
58	Imaging of the cerebrospinal fluid circulation. , 2014, , 121-138.		12
59	Does CT wand guidance improve shunt placement in patients with hydrocephalus?. <i>Clinical Neurology and Neurosurgery</i> , 2015, 132, 26-30.	0.6	11
60	Superficial Siderosis Associated with Multiple Cavernous Malformations: Report of Three Cases. <i>Neurosurgery</i> , 2001, 48, 1147-1151.	0.6	11
61	Radionuclide Shunt Patency Study for Suspected Ventriculoatrial Shunt Malfunction. <i>Clinical Nuclear Medicine</i> , 2013, 38, 527-533.	0.7	10
62	Long-term Outcomes With Planned Multistage Reduced Dose Repeat Stereotactic Radiosurgery for Treatment of Inoperable High-Grade Arteriovenous Malformations: An Observational Retrospective Cohort Study. <i>Neurosurgery</i> , 2017, 81, 136-146.	0.6	9
63	The Utility of Computed Tomography in Shunted Patients with Idiopathic Intracranial Hypertension Presenting to the Emergency Department. <i>World Neurosurgery</i> , 2015, 84, 1852-1856.	0.7	8
64	Choroid plexus hyperplasia: A possible cause of hydrocephalus in adults. <i>Neurology</i> , 2016, 87, 2058-2060.	1.5	8
65	Aqueductal Cerebrospinal Fluid Stroke Volume Flow in a Rodent Model of Chronic Communicating Hydrocephalus: Establishing a Homogeneous Study Population for Cerebrospinal Fluid Dynamics Exploration. <i>World Neurosurgery</i> , 2019, 128, e1118-e1125.	0.7	8
66	Angiographic detection of cerebral cavernous malformations with C-arm cone beam CT imaging in three patients. <i>Journal of NeuroInterventional Surgery</i> , 2014, 6, e17-e17.	2.0	7
67	Predictors of admission and shunt revision during emergency department visits for shunt-treated adult patients with idiopathic intracranial hypertension. <i>Journal of Neurosurgery</i> , 2017, 127, 233-239.	0.9	7
68	Spinal Epidural Abscess: Diagnosis and Treatment. <i>Operative Techniques in Neurosurgery</i> , 2004, 7, 188-192.	0.1	6
69	Idiopathic normal pressure hydrocephalus: the benefits and problems of shunting. <i>Nature Clinical Practice Neurology</i> , 2009, 5, 80-81.	2.7	6
70	Neuropathology of human hydrocephalus. , 2014, , 14-27.		6
71	Predictors of Ventriculoperitoneal Shunt Revision in Patients with Idiopathic Normal Pressure Hydrocephalus. <i>World Neurosurgery</i> , 2016, 90, 76-81.	0.7	6
72	Cerebral Cavernous Malformations. <i>Neurosurgery Quarterly</i> , 2008, 18, 223-229.	0.1	5

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73	Molecular biology of cerebral cavernous malformation. , 2011, , 31-40.		5
74	Management of Hemorrhage from Cavernous Malformations. Current Atherosclerosis Reports, 2012, 14, 360-365.	2.0	5
75	The pathophysiologic basis of cognitive dysfunction in idiopathic normal pressure hydrocephalus. , 2014, , 70-79.		5
76	The Use of an Aspirating/Resecting Device to Reduce Stoma Closure Following Endoscopic Third Ventriculostomy for Aqueductal Stenosis. Operative Neurosurgery, 2015, 11, 512-517.	0.4	5
77	An international call for a new grading system for cerebral and cerebellar cavernomas. Journal of Neurosurgical Sciences, 2021, 65, 239-246.	0.3	5
78	Complications Specific to Lumboperitoneal Shunt. , 2015, , 203-211.		5
79	NPH Log: Validation of a New Assessment Tool Leading to Earlier Diagnosis of Normal Pressure Hydrocephalus. Cureus, 2016, 8, e659.	0.2	5
80	Treatment of intracranial aneurysms: Surgical clipping or endovascular coiling?. Annals of Neurology, 2001, 49, 682-683.	2.8	4
81	Resection of cavernous malformations of the brainstem. , 2011, , 143-160.		4
82	Angiographic detection of cerebral cavernous malformations with C-arm cone beam CT imaging in three patients. BMJ Case Reports, 2013, 2013, bcr2013010650-bcr2013010650.	0.2	4
83	Core imaging in adult hydrocephalus. , 2014, , 110-120.		4
84	Ultrasound for the assessment of distal shunt malfunction in adults with internal ventricular shunts. Journal of Clinical Neuroscience, 2017, 45, 282-287.	0.8	4
85	Deferred Radiotherapy After Debulking of Non-functioning Pituitary Macroadenomas: Clinical Outcomes. Frontiers in Oncology, 2019, 8, 660.	1.3	4
86	Founder of modern hydrocephalus diagnosis and therapy: Walter Dandy at the Johns Hopkins Hospital. Journal of Neurosurgery, 2019, 131, 1046-1051.	0.9	4
87	Cerebral cavernous malformations and developmental venous anomalies. , 0, , 189-220.		3
88	Comparison of Hospital Cost and Resource Use Associated With Antibiotic-Impregnated Versus Standard Shunt Catheters. Neurosurgery, 2011, 58, 122-125.	0.6	3
89	Special problems in cavernous malformations: migraine, pregnancy, hormonal replacement, anticoagulation, NSAIDs, stress, and altitude elevation changes. , 2011, , 185-190.		3
90	The Application of Data Mining to Evaluate the Cost-Effectiveness of Alternative Treatment Modalities in a National Medicare Database. International Journal of Strategic Decision Sciences, 2011, 2, 14-28.	0.0	3

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91	Using Commercial Activity Monitors to Measure Gait in Patients with Suspected iNPH: Implications for Ambulatory Monitoring. <i>Cureus</i> , 2015, 7, e382.	0.2	3
92	Epidemiology and natural history of cavernous malformations. , 0, , 9-14.		2
93	Hydrocephalus shunts. , 0, , 190-206.		2
94	Animal models of hydrocephalus. , 0, , 28-35.		2
95	Timely stereotactic body radiotherapy (SBRT) for spine metastases using a rapidly deployable automated planning algorithm. <i>SpringerPlus</i> , 2016, 5, 1337.	1.2	2
96	Clinical features and medical management of cavernous malformations. , 0, , 65-78.		1
97	Principles for managing cavernous malformations in eloquent locations. , 0, , 161-172.		1
98	Pseudotumor Cerebri Syndrome. <i>Contemporary Neurosurgery</i> , 2013, 35, 1-8.	0.2	1
99	The epidemiology of hydrocephalus. , 0, , 57-62.		1
100	Monitoring of intracranial pressure and assessment of cerebrospinal fluid dynamics. , 0, , 150-163.		1
101	Incontinence and lower urinary tract symptoms in normal pressure hydrocephalus. , 0, , 80-90.		1
102	Cerebrospinal fluid dynamics and infusion techniques. , 0, , 139-149.		1
103	Endoscopic third ventriculostomy. , 0, , 218-231.		1
104	Lumboatrial shunt in a patient with Crouzon syndrome complicated by pseudotumor cerebri. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 1507-1510.	0.8	1
105	Comparison of outcomes between patients with idiopathic normal pressure hydrocephalus who received a primary versus a salvage shunt. <i>Journal of Clinical Neuroscience</i> , 2016, 29, 117-120.	0.8	1
106	Ventricular Volume Dynamics During the Development of Adult Chronic Communicating Hydrocephalus in a Rodent Model. <i>World Neurosurgery</i> , 2018, 120, e1120-e1127.	0.7	1
107	Achieving and Maintaining Safety in Healthcare Requires Unwavering Institutional and Individual Commitments. <i>Cureus</i> , 2021, 13, e13192.	0.2	1
108	Treatment of intracranial aneurysms: Surgical clipping or endovascular coiling?. <i>Annals of Neurology</i> , 2001, 49, 682-683.	2.8	1

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109	RETINAL VENOUS TELANGIECTASIA AND ANASTOMOSES WITH CEREBELLAR VENOUS AND CAVERNOUS MALFORMATION. <i>Retina</i> , 2001, 21, 262-265.	1.0	1
110	Familial cavernous malformations: a historical survey. , 0, , 15-20.		0
111	Clinical and molecular genetics of cerebral cavernous malformations. , 0, , 21-30.		0
112	Cavernous malformations and epilepsy: medical management of seizures and the presurgical evaluation of medically intractable epilepsy. , 0, , 91-102.		0
113	Surgery of spinal cavernous malformations. , 0, , 127-134.		0
114	Shunting for idiopathic normal-pressure hydrocephalus: can we predict response?. <i>Future Neurology</i> , 2011, 6, 223-236.	0.9	0
115	Adult Pseudotumor Cerebri Syndrome. , 2012, , 1135-1141.		0
116	Normal pressure hydrocephalus grading scales. , 0, , 91-98.		0
117	Cerebrospinal fluid biomarkers in idiopathic normal pressure hydrocephalus. , 0, , 164-174.		0
118	Management of shunts in normal pressure hydrocephalus. , 0, , 207-217.		0
119	Outcome of idiopathic normal pressure hydrocephalus. , 0, , 232-246.		0
120	Low-pressure syndromes and cerebrospinal fluid leaks. , 0, , 256-263.		0
121	Management of the adult with congenital hydrocephalus. , 0, , 264-274.		0
122	Management of hydrocephalus with associated cerebrospinal fluid pathologies. , 0, , 275-290.		0
123	Chiari malformation and hydrocephalus in adults. , 0, , 291-295.		0
124	Pseudotumor cerebri syndrome. , 0, , 296-303.		0
125	Genetics of hydrocephalus. , 0, , 36-56.		0
126	Predictors of Ventriculoperitoneal Shunt Revision in Patients with Idiopathic Normal Pressure Hydrocephalus. <i>Brazilian Neurosurgery</i> , 2018, 37, .	0.0	0

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127	Timing of Surgical Treatment for Idiopathic Normal Pressure Hydrocephalus: Association Between Treatment Delay and Reduced Short-term Benefit. <i>Brazilian Neurosurgery</i> , 2018, 37, .	0.0	0
128	Comparison of Outcomes Between Patients with Idiopathic Normal Pressure Hydrocephalus Who Received a Primary versus a Salvage Shunt. <i>Brazilian Neurosurgery</i> , 2018, 37, .	0.0	0
129	The Application of Data Mining to Evaluate the Cost-Effectiveness of Alternative Treatment Modalities in a National Medicare Database. , 0, , 74-88.		0
130	Preliminary Validation of FoRCaSco: A New Grading System for Cerebral and Cerebellar Cavernomas. <i>World Neurosurgery</i> , 2022, 162, e597-e604.	0.7	0