

# Daniele Rigamonti

## List of Publications by Year in descending order

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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	Preliminary Validation of FoRCaSco: A New Grading System for Cerebral and Cerebellar Cavernomas. <i>World Neurosurgery</i> , 2022, 162, e597-e604.	0.7	0
2	Achieving and Maintaining Safety in Healthcare Requires Unwavering Institutional and Individual Commitments. <i>Cureus</i> , 2021, 13, e13192.	0.2	1
3	An international call for a new grading system for cerebral and cerebellar cavernomas. <i>Journal of Neurosurgical Sciences</i> , 2021, 65, 239-246.	0.3	5
4	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
5	Deferred Radiotherapy After Debulking of Non-functioning Pituitary Macroadenomas: Clinical Outcomes. <i>Frontiers in Oncology</i> , 2019, 8, 660.	1.3	4
6	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
7	Founder of modern hydrocephalus diagnosis and therapy: Walter Dandy at the Johns Hopkins Hospital. <i>Journal of Neurosurgery</i> , 2019, 131, 1046-1051.	0.9	4
8	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
9	Predictors of Ventriculoperitoneal Shunt Revision in Patients with Idiopathic Normal Pressure Hydrocephalus. <i>Brazilian Neurosurgery</i> , 2018, 37, .	0.0	0
10	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
11	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
12	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
13	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
14	Ventriculoatrial versus ventriculoperitoneal shunt complications in idiopathic normal pressure hydrocephalus. <i>Clinical Neurology and Neurosurgery</i> , 2017, 157, 1-6.	0.6	69
15	Ultrasound for the assessment of distal shunt malfunction in adults with internal ventricular shunts. <i>Journal of Clinical Neuroscience</i> , 2017, 45, 282-287.	0.8	4
16	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
17	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
18	Alzheimer's disease pathology and shunt surgery outcome in normal pressure hydrocephalus. <i>PLoS ONE</i> , 2017, 12, e0182288.	1.1	28

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19	Timely stereotactic body radiotherapy (SBRT) for spine metastases using a rapidly deployable automated planning algorithm. SpringerPlus, 2016, 5, 1337.	1.2	2
20	Comparison of outcomes between patients with idiopathic normal pressure hydrocephalus who received a primary versus a salvage shunt. Journal of Clinical Neuroscience, 2016, 29, 117-120.	0.8	1
21	The strategy of repeat stereotactic radiosurgery without whole brain radiation treatment for new brain metastases: Outcomes and implications for follow-up monitoring. Practical Radiation Oncology, 2016, 6, 409-416.	1.1	24
22	Timing of surgical treatment for idiopathic normal pressure hydrocephalus: association between treatment delay and reduced short-term benefit. Neurosurgical Focus, 2016, 41, E2.	1.0	27
23	Choroid plexus hyperplasia: A possible cause of hydrocephalus in adults. Neurology, 2016, 87, 2058-2060.	1.5	8
24	Stereotactic Radiosurgery: Treatment of Brain Metastasis Without Interruption of Systemic Therapy. International Journal of Radiation Oncology Biology Physics, 2016, 95, 735-742.	0.4	37
25	Clinical outcomes after ventriculoatrial shunting for idiopathic normal pressure hydrocephalus. Clinical Neurology and Neurosurgery, 2016, 143, 34-38.	0.6	30
26	Predictors of Ventriculoperitoneal Shunt Revision in Patients with Idiopathic Normal Pressure Hydrocephalus. World Neurosurgery, 2016, 90, 76-81.	0.7	6
27	NPH Log: Validation of a New Assessment Tool Leading to Earlier Diagnosis of Normal Pressure Hydrocephalus. Cureus, 2016, 8, e659.	0.2	5
28	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
29	Functional gait outcomes for idiopathic normal pressure hydrocephalus after primary endoscopic third ventriculostomy. Journal of Clinical Neuroscience, 2015, 22, 1303-1308.	0.8	16
30	The Utility of Computed Tomography in Shunted Patients with Idiopathic Intracranial Hypertension Presenting to the Emergency Department. World Neurosurgery, 2015, 84, 1852-1856.	0.7	8
31	Racial Associations with Hemorrhagic Presentation in Cerebral Arteriovenous Malformations. World Neurosurgery, 2015, 84, 461-469.	0.7	28
32	Detection of tumor-derived DNA in cerebrospinal fluid of patients with primary tumors of the brain and spinal cord. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 9704-9709.	3.3	317
33	Lumboatrial shunt in a patient with Crouzon syndrome complicated by pseudotumor cerebri. Journal of Clinical Neuroscience, 2015, 22, 1507-1510.	0.8	1
34	Does CT wand guidance improve shunt placement in patients with hydrocephalus?. Clinical Neurology and Neurosurgery, 2015, 132, 26-30.	0.6	11
35	Venous sinus stenting is a valuable treatment for fulminant idiopathic intracranial hypertension. Journal of Clinical Neuroscience, 2015, 22, 685-689.	0.8	55
36	Are shunt series and shunt patency studies useful in patients with shunted idiopathic intracranial hypertension in the emergency department?. Clinical Neurology and Neurosurgery, 2015, 138, 89-93.	0.6	13

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37	Outcomes and Experience with Lumbopleural Shunts in the Management of Idiopathic Intracranial Hypertension. <i>World Neurosurgery</i> , 2015, 84, 314-319.	0.7	14
38	Complications Specific to Lumboperitoneal Shunt. , 2015, , 203-211.		5
39	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
40	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
41	Risk factors for failed transverse sinus stenting in pseudotumor cerebri patients. <i>Clinical Neurology and Neurosurgery</i> , 2014, 127, 75-78.	0.6	44
42	The pathophysiologic basis of cognitive dysfunction in idiopathic normal pressure hydrocephalus. , 2014, , 70-79.		5
43	Core imaging in adult hydrocephalus. , 2014, , 110-120.		4
44	Imaging of the cerebrospinal fluid circulation. , 2014, , 121-138.		12
45	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
46	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
47	Long-term hydrocephalus alters the cytoarchitecture of the adult subventricular zone. <i>Experimental Neurology</i> , 2014, 261, 236-244.	2.0	17
48	Neuropathology of human hydrocephalus. , 2014, , 14-27.		6
49	Radionuclide Shunt Patency Study for Suspected Ventriculoatrial Shunt Malfunction. <i>Clinical Nuclear Medicine</i> , 2013, 38, 527-533.	0.7	10
50	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
51	Pseudotumor Cerebri Syndrome. <i>Contemporary Neurosurgery</i> , 2013, 35, 1-8.	0.2	1
52	Angiographic detection of cerebral cavernous malformations with C-arm cone beam CT imaging in three patients. <i>BMJ Case Reports</i> , 2013, 2013, bcr2013010650-bcr2013010650.	0.2	4
53	Adult Pseudotumor Cerebri Syndrome. , 2012, , 1135-1141.		0
54	Management of Hemorrhage from Cavernous Malformations. <i>Current Atherosclerosis Reports</i> , 2012, 14, 360-365.	2.0	5

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55	Resection of cavernous malformations of the brainstem. , 2011, , 143-160.		4
56	Molecular biology of cerebral cavernous malformation. , 2011, , 31-40.		5
57	Comparison of Hospital Cost and Resource Use Associated With Antibiotic-Impregnated Versus Standard Shunt Catheters. <i>Neurosurgery</i> , 2011, 58, 122-125.	0.6	3
58	Cognitive Impairment in Patients with Pseudotumor Cerebri Syndrome. <i>Behavioural Neurology</i> , 2011, 24, 143-148.	1.1	36
59	Special problems in cavernous malformations: migraine, pregnancy, hormonal replacement, anticoagulation, NSAIDs, stress, and altitude elevation changes. , 2011, , 185-190.		3
60	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
61	Shunting for idiopathic normal-pressure hydrocephalus: can we predict response?. <i>Future Neurology</i> , 2011, 6, 223-236.	0.9	0
62	The Application of Data Mining to Evaluate the Cost-Effectiveness of Alternative Treatment Modalities in a National Medicare Database. <i>International Journal of Strategic Decision Sciences</i> , 2011, 2, 14-28.	0.0	3
63	Spinal Epidural Abscess: Current Diagnosis and Management. <i>Current Infectious Disease Reports</i> , 2010, 12, 484-491.	1.3	46
64	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
65	Cavernous malformations: natural history, diagnosis and treatment. <i>Nature Reviews Neurology</i> , 2009, 5, 659-670.	4.9	266
66	Idiopathic normal pressure hydrocephalus: the benefits and problems of shunting. <i>Nature Clinical Practice Neurology</i> , 2009, 5, 80-81.	2.7	6
67	Epidural abscesses of the CNS. <i>Lancet Neurology</i> , The, 2009, 8, 292-300.	4.9	141
68	DIAGNOSIS, TREATMENT, AND ANALYSIS OF LONG-TERM OUTCOMES IN IDIOPATHIC NORMAL-PRESSURE HYDROCEPHALUS. <i>Neurosurgery</i> , 2008, 62, 670-7.	0.6	85
69	KRIT1 MODULATES $\beta$ 1-INTEGRIN-MEDIATED ENDOTHELIAL CELL PROLIFERATION. <i>Neurosurgery</i> , 2008, 63, 571-578.	0.6	41
70	Cerebral Cavernous Malformations. <i>Neurosurgery Quarterly</i> , 2008, 18, 223-229.	0.1	5
71	INTERACTION BETWEEN KRIT1 AND MALCAVERNIN. <i>Neurosurgery</i> , 2007, 60, 353-359.	0.6	82
72	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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73	The diagnosis and treatment of idiopathic normal pressure hydrocephalus. <i>Nature Clinical Practice Neurology</i> , 2006, 2, 375-381.	2.7	170
74	Cavernous Malformations: A Review and Current Controversies. <i>Neurosurgery Quarterly</i> , 2006, 16, 15-23.	0.1	16
75	Diagnosis, Treatment, and Analysis of Long-term Outcomes in Idiopathic Normal-Pressure Hydrocephalus. <i>Neurosurgery</i> , 2005, 57, 699-705.	0.6	213
76	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
77	Diagnosis, Treatment, and Analysis of Long-term Outcomes in Idiopathic Normal-Pressure Hydrocephalus. <i>Neurosurgery</i> , 2005, 57, 699-705.	0.6	73
78	Spinal Epidural Abscess: Diagnosis and Treatment. <i>Operative Techniques in Neurosurgery</i> , 2004, 7, 188-192.	0.1	6
79	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
80	Cognitive Recovery in Idiopathic Normal Pressure Hydrocephalus After Shunt. <i>Cognitive and Behavioral Neurology</i> , 2004, 17, 179-184.	0.5	63
81	Vertebral hemangiomas associated with familial cerebral cavernous malformation: segmental disease expression. <i>Journal of Neurosurgery: Spine</i> , 2002, 97, 227-230.	0.9	14
82	Hemangioblastomas of the Central Nervous System in von Hippel-Lindau Syndrome and Sporadic Disease. <i>Neurosurgery</i> , 2001, 48, 55-63.	0.6	259
83	Superficial Siderosis Associated with Multiple Cavernous Malformations: Report of Three Cases. <i>Neurosurgery</i> , 2001, 48, 1147-1151.	0.6	23
84	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
85	The Nature and Fate of Punctate (Type IV) Cavernous Malformations. <i>Neurosurgery</i> , 2001, 49, 26-32.	0.6	12
86	The Nature and Fate of Punctate (Type IV) Cavernous Malformations. <i>Neurosurgery</i> , 2001, 49, 26-32.	0.6	12
87	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
88	Treatment of intracranial aneurysms: Surgical clipping or endovascular coiling?. <i>Annals of Neurology</i> , 2001, 49, 682-683.	2.8	4
89	Treatment of intracranial aneurysms: Surgical clipping or endovascular coiling?. <i>Annals of Neurology</i> , 2001, 49, 682-683.	2.8	1
90	RETINAL VENOUS TELANGIECTASIA AND ANASTOMOSES WITH CEREBELLAR VENOUS AND CAVERNOUS MALFORMATION. <i>Retina</i> , 2001, 21, 262-265.	1.0	1

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91	Superficial Siderosis Associated with Multiple Cavernous Malformations: Report of Three Cases. <i>Neurosurgery</i> , 2001, 48, 1147-1151.	0.6	11
92	Mutations in KRIT1 in Familial Cerebral Cavernous Malformations. <i>Neurosurgery</i> , 2000, 46, 1272-1279.	0.6	90
93	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
94	Cloning of the Murine Krit1 cDNA Reveals Novel Mammalian 5â€² Coding Exons. <i>Genomics</i> , 2000, 70, 392-395.	1.3	46
95	The Natural History of Cavernous Malformations. <i>Neurosurgery Clinics of North America</i> , 1999, 10, 411-417.	0.8	201
96	Spinal epidural abscess: contemporary trends in etiology, evaluation, and management. <i>World Neurosurgery</i> , 1999, 52, 189-197.	1.3	374
97	The Natural History of Cavernous Malformations: A Prospective Study of 68 Patients. <i>Neurosurgery</i> , 1999, 44, 1166-1173.	0.6	248
98	The Natural History of Cavernous Malformations: A Prospective Study of 68 Patients. <i>Neurosurgery</i> , 1999, 44, 1166-1171.	0.6	19
99	Spinal epidural abscess: A report of 40 cases and review. <i>World Neurosurgery</i> , 1992, 38, 225-231.	1.3	278
100	Cavernous Malformations and Capillary Telangiectasia: A Spectrum within a Single Pathological Entity. <i>Neurosurgery</i> , 1991, 28, 60-64.	0.6	214
101	Cerebral venous malformations. <i>Journal of Neurosurgery</i> , 1990, 73, 560-564.	0.9	141
102	Cerebral Cavernous Malformations. <i>New England Journal of Medicine</i> , 1988, 319, 343-347.	13.9	665
103	Appearance of venous malformations on magnetic resonance imaging. <i>Journal of Neurosurgery</i> , 1988, 69, 535-539.	0.9	71
104	The MRI appearance of cavernous malformations (angiomas). <i>Journal of Neurosurgery</i> , 1987, 67, 518-524.	0.9	551
105	Cerebral cavernous malformations and developmental venous anomalies. , 0, , 189-220.		3
106	Epidemiology and natural history of cavernous malformations. , 0, , 9-14.		2
107	Familial cavernous malformations: a historical survey. , 0, , 15-20.		0
108	Clinical and molecular genetics of cerebral cavernous malformations. , 0, , 21-30.		0

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109	Clinical features and medical management of cavernous malformations. , 0 , 65-78.		1
110	Cavernous malformations and epilepsy: medical management of seizures and the presurgical evaluation of medically intractable epilepsy. , 0 , 91-102.		0
111	Surgery of spinal cavernous malformations. , 0 , 127-134.		0
112	Principles for managing cavernous malformations in eloquent locations. , 0 , 161-172.		1
113	The epidemiology of hydrocephalus. , 0 , 57-62.		1
114	Normal pressure hydrocephalus grading scales. , 0 , 91-98.		0
115	Monitoring of intracranial pressure and assessment of cerebrospinal fluid dynamics. , 0 , 150-163.		1
116	Cerebrospinal fluid biomarkers in idiopathic normal pressure hydrocephalus. , 0 , 164-174.		0
117	Incontinence and lower urinary tract symptoms in normal pressure hydrocephalus. , 0 , 80-90.		1
118	Hydrocephalus shunts. , 0 , 190-206.		2
119	Management of shunts in normal pressure hydrocephalus. , 0 , 207-217.		0
120	Outcome of idiopathic normal pressure hydrocephalus. , 0 , 232-246.		0
121	Low-pressure syndromes and cerebrospinal fluid leaks. , 0 , 256-263.		0
122	Management of the adult with congenital hydrocephalus. , 0 , 264-274.		0
123	Management of hydrocephalus with associated cerebrospinal fluid pathologies. , 0 , 275-290.		0
124	Chiari malformation and hydrocephalus in adults. , 0 , 291-295.		0
125	Pseudotumor cerebri syndrome. , 0 , 296-303.		0
126	Cerebrospinal fluid dynamics and infusion techniques. , 0 , 139-149.		1



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127	Animal models of hydrocephalus. , 0, , 28-35.		2
128	Genetics of hydrocephalus. , 0, , 36-56.		0
129	Endoscopic third ventriculostomy. , 0, , 218-231.		1
130	The Application of Data Mining to Evaluate the Cost-Effectiveness of Alternative Treatment Modalities in a National Medicare Database. , 0, , 74-88.		0