

Ruben Dammers

List of Publications by Year in descending order

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Version: 2024-02-01

120
papers

3,809
citations

136940

32
h-index

138468

58
g-index

125
all docs

125
docs citations

125
times ranked

3900
citing authors

#	ARTICLE	IF	CITATIONS
1	Upper Extremity Ischemia and Hemodialysis Vascular Access. <i>European Journal of Vascular and Endovascular Surgery</i> , 2004, 27, 1-5.	1.5	249
2	Prognostic Value of Computerized Tomography Scan Characteristics in Traumatic Brain Injury: Results from The IMPACT Study. <i>Journal of Neurotrauma</i> , 2007, 24, 303-314.	3.4	240
3	Risk factors for infections related to external ventricular drainage. <i>Acta Neurochirurgica</i> , 2008, 150, 209-214.	1.7	237
4	Safety and efficacy of frameless and frame-based intracranial biopsy techniques. <i>Acta Neurochirurgica</i> , 2008, 150, 23-29.	1.7	214
5	Prospective evaluation of failure modes in autogenous radiocephalic wrist access for haemodialysis. <i>Nephrology Dialysis Transplantation</i> , 2003, 18, 378-383.	0.7	164
6	Fluid Status, Blood Pressure, and Cardiovascular Abnormalities in Patients on Peritoneal Dialysis. <i>Peritoneal Dialysis International</i> , 2002, 22, 477-487.	2.3	158
7	Induced Hypertension for Delayed Cerebral Ischemia After Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2018, 49, 76-83.	2.0	140
8	Pathophysiology and Nonsurgical Treatment of Chronic Subdural Hematoma: From Past to Present to Future. <i>World Neurosurgery</i> , 2018, 116, 402-411.e2.	1.3	120
9	The role of corticosteroids in the management of chronic subdural hematoma: a systematic review. <i>European Journal of Neurology</i> , 2012, 19, 1397-1403.	3.3	116
10	Association of intracranial aneurysm rupture with smoking duration, intensity, and cessation. <i>Neurology</i> , 2017, 89, 1408-1415.	1.1	96
11	Fluid status, blood pressure, and cardiovascular abnormalities in patients on peritoneal dialysis. <i>Peritoneal Dialysis International</i> , 2002, 22, 477-87.	2.3	92
12	Towards improving the safety and diagnostic yield of stereotactic biopsy in a single centre. <i>Acta Neurochirurgica</i> , 2010, 152, 1915-1921.	1.7	86
13	Central vein obstruction in hemodialysis patients: Results of radiological and surgical intervention. <i>European Journal of Vascular and Endovascular Surgery</i> , 2003, 26, 317-321.	1.5	81
14	Shear stress depends on vascular territory: comparison between common carotid and brachial artery. <i>Journal of Applied Physiology</i> , 2003, 94, 485-489.	2.5	78
15	Clinical Factors Associated With Outcome in Chronic Subdural Hematoma. <i>Neurosurgery</i> , 2012, 70, 873-880.	1.1	77
16	Effects of Induced Hypertension on Cerebral Perfusion in Delayed Cerebral Ischemia After Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2015, 46, 3277-3281.	2.0	73
17	Neurosurgical Intervention for Supratentorial Intracerebral Hemorrhage. <i>Annals of Neurology</i> , 2020, 88, 239-250.	5.3	69
18	The incidence of postoperative thromboembolic complications following surgical resection of intracranial meningioma. A retrospective study of a large single center patient cohort. <i>Clinical Neurology and Neurosurgery</i> , 2014, 123, 150-154.	1.4	66

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19	Arterial wall properties in patients with renal failure. <i>American Journal of Kidney Diseases</i> , 2002, 39, 1206-1212.	1.9	56
20	Lumbar disc herniation: level increases with age. <i>World Neurosurgery</i> , 2002, 58, 209-212.	1.3	55
21	Systematic review of current randomised control trials in chronic subdural haematoma and proposal for an international collaborative approach. <i>Acta Neurochirurgica</i> , 2020, 162, 763-776.	1.7	54
22	Radiological prognostic factors of chronic subdural hematoma recurrence: a systematic review and meta-analysis. <i>Neuroradiology</i> , 2021, 63, 27-40.	2.2	53
23	The effect of flow changes on the arterial system proximal to an arteriovenous fistula for hemodialysis. <i>Ultrasound in Medicine and Biology</i> , 2005, 31, 1327-1333.	1.5	51
24	Evaluation of 4-mm to 7-mm versus 6-mm prosthetic brachial-antecubital forearm loop access for hemodialysis: results of a randomized multicenter clinical trial. <i>Journal of Vascular Surgery</i> , 2003, 37, 143-148.	1.1	48
25	Results of early surgery for sagittal suture synostosis: long-term follow-up and the occurrence of raised intracranial pressure. <i>Child's Nervous System</i> , 2013, 29, 997-1005.	1.1	48
26	Antiepileptic drug therapy in the perioperative course of neurosurgical patients. <i>Current Opinion in Anaesthesiology</i> , 2010, 23, 564-567.	2.0	40
27	Conventional Autopsy versus Minimally Invasive Autopsy with Postmortem MRI, CT, and CT-guided Biopsy: Comparison of Diagnostic Performance. <i>Radiology</i> , 2018, 289, 658-667.	7.3	38
28	Corticosteroid treatment compared with surgery in chronic subdural hematoma: a systematic review and meta-analysis. <i>Acta Neurochirurgica</i> , 2019, 161, 1231-1242.	1.7	37
29	Comparison of Large Animal Models for Acute Ischemic Stroke: Which Model to Use?. <i>Stroke</i> , 2022, 53, 1411-1422.	2.0	36
30	Video-assisted basilic vein transposition for haemodialysis vascular access: preliminary experience with a new technique. <i>Nephrology Dialysis Transplantation</i> , 2001, 16, 391-394.	0.7	35
31	The Effect of Chronic Flow Changes on Brachial Artery Diameter and Shear Stress in Arteriovenous Fistulas for Hemodialysis. <i>International Journal of Artificial Organs</i> , 2002, 25, 124-128.	1.4	35
32	Minimally Invasive, Spring-Assisted Correction of Sagittal Suture Synostosis: Technique, Outcome, and Complications in 83 Cases. <i>Plastic and Reconstructive Surgery</i> , 2018, 141, 423-433.	1.4	35
33	Stenosis detection in forearm hemodialysis arteriovenous fistulae by multiphase contrast-enhanced magnetic resonance angiography: Preliminary experience. <i>Journal of Magnetic Resonance Imaging</i> , 2003, 17, 54-64.	3.4	34
34	Systemic Dilation Diathesis in Patients with Abdominal Aortic Aneurysms: A Role for Matrix Metalloproteinase-9?. <i>European Journal of Vascular and Endovascular Surgery</i> , 2005, 29, 371-377.	1.5	34
35	ECTOPIC RECURRENCE OF CRANIOPHARYNGIOMAS. <i>Neurosurgery</i> , 2009, 64, E382-E383.	1.1	34
36	Dexamethasone Therapy in Symptomatic Chronic Subdural Hematoma (DECSA®): A Retrospective Evaluation of Initial Corticosteroid Therapy versus Primary Surgery. <i>Journal of Neurotrauma</i> , 2020, 37, 366-372.	3.4	33

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37	Dexamethasone therapy versus surgery for chronic subdural haematoma (DECSA trial): study protocol for a randomised controlled trial. <i>Trials</i> , 2018, 19, 575.	1.6	31
38	Contemporary frameless intracranial biopsy techniques: Might variation in safety and efficacy be expected?. <i>Acta Neurochirurgica</i> , 2015, 157, 2011-2016.	1.7	30
39	Spinal meningiomas: Treatment outcome and long-term follow-up. <i>Clinical Neurology and Neurosurgery</i> , 2020, 198, 106238.	1.4	29
40	Pituitary Dysfunction After Aneurysmal Subarachnoid Hemorrhage. <i>Neurosurgery</i> , 2016, 79, 253-264.	1.1	28
41	Ambivalence among neurologists and neurosurgeons on the treatment of chronic subdural hematoma: a national survey. <i>Acta Neurologica Belgica</i> , 2013, 113, 55-59.	1.1	25
42	Morphological Parameters Associated With Middle Cerebral Artery Aneurysms. <i>Neurosurgery</i> , 2015, 76, 721-727.	1.1	24
43	Brachial artery shear stress is independent of gender or age and does not modify vessel wall mechanical properties. <i>Ultrasound in Medicine and Biology</i> , 2002, 28, 1015-1022.	1.5	23
44	Neurosurgical and Perioperative Management of Chronic Subdural Hematoma. <i>Frontiers in Neurology</i> , 2020, 11, 550.	2.4	23
45	A randomised trial of high and low pressure level settings on an adjustable ventriculoperitoneal shunt valve for idiopathic normal pressure hydrocephalus: results of the Dutch evaluation programme Strata shunt (DEPSS) trial. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013, 84, 813-817.	1.9	20
46	Frontobiparietal remodeling with or without a widening bridge for sagittal synostosis: comparison of 2 cohorts for aesthetic and functional outcome. <i>Journal of Neurosurgery: Pediatrics</i> , 2015, 16, 86-93.	1.3	19
47	Armoured brain: case report of a symptomatic calcified chronic subdural haematoma. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2006, 78, 542-543.	1.9	18
48	The History of the Kernohan Notch Revisited. <i>Neurosurgery</i> , 2016, 78, 581-584.	1.1	18
49	Association Between Vascular Anatomy and Posterior Communicating Artery Aneurysms. <i>World Neurosurgery</i> , 2015, 84, 1251-1255.	1.3	17
50	Effects of Surgical Sympathectomy on Skin Blood Flow in a Rat Model of Chronic Limb Ischemia. <i>World Journal of Surgery</i> , 1998, 22, 807-811.	1.6	16
51	Endoscopic third ventriculocisternostomy in hydrocephalic children under 2 years of age: appropriate or not? A single-center retrospective cohort study. <i>Child's Nervous System</i> , 2013, 29, 419-423.	1.1	16
52	Sleep apnoea in syndromic craniosynostosis occurs independent of hindbrain herniation. <i>Child's Nervous System</i> , 2013, 29, 289-296.	1.1	16
53	Applicability and benefit of arterial transfer functions. <i>Journal of Hypertension</i> , 2003, 21, 1241-1243.	0.5	15
54	Multi-Slice Computed Tomographic Angiography for Stenosis Detection in Forearm Hemodialysis Arteriovenous Fistulas. <i>Journal of Vascular Access</i> , 2008, 9, 278-284.	0.9	15

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55	Endoscopic third ventriculostomy and repeat endoscopic third ventriculostomy in pediatric patients: the Dutch experience. <i>Journal of Neurosurgery: Pediatrics</i> , 2017, 20, 314-323.	1.3	15
56	The membrane of Lilliequist's safe haven in the middle of the brain. A narrative review. <i>Acta Neurochirurgica</i> , 2020, 162, 2235-2244.	1.7	15
57	Detection of cell-cycle regulators in failed arteriovenous fistulas for haemodialysis. <i>Nephrology Dialysis Transplantation</i> , 2003, 18, 814-818.	0.7	14
58	Microcirculatory effects of experimental acute limb ischaemia's reperfusion. <i>British Journal of Surgery</i> , 2002, 88, 816-824.	0.3	13
59	The Flower Petal Training System in Microsurgery. <i>Annals of Plastic Surgery</i> , 2019, 83, 697-701.	0.9	13
60	BILATERAL INTERNAL CAROTID ARTERY ANEURYSM SIMULATING PITUITARY APOPLEXY. <i>Neurosurgery</i> , 2009, 65, E1202.	1.1	12
61	Fatal Subarachnoid Hemorrhage from an Aneurysm of a Persistent Primitive Hypoglossal Artery: Case Series and Literature Overview. <i>World Neurosurgery</i> , 2018, 117, 285-291.	1.3	12
62	Extensive calcification of the ligamentum flavum causing cervical myelopathy in a Caucasian woman. <i>SpringerPlus</i> , 2016, 5, 1927.	1.2	10
63	Study Protocol on Defining Core Outcomes and Data Elements in Chronic Subdural Haematoma. <i>Neurosurgery</i> , 2021, 89, 720-725.	1.1	10
64	Chronic Serous Otitis Media as a Manifestation of Temporal Meningioma. <i>Orl</i> , 2011, 73, 287-290.	1.1	9
65	Currarino's triad diagnosed in an adult woman. <i>European Spine Journal</i> , 2012, 21, 569-572.	2.2	9
66	Two-Stage Cranioplasty: Tissue Expansion Directly over the Craniectomy Defect Prior to Cranioplasty. <i>Craniofacial Trauma & Reconstruction</i> , 2016, 9, 355-360.	1.3	9
67	Flow cytometry shows added value in diagnosing lymphoma in brain biopsies. <i>Cytometry Part B - Clinical Cytometry</i> , 2018, 94, 928-934.	1.5	9
68	Deep Cerebral Perforators: Anatomical Distribution and Clinical Symptoms. <i>Stroke</i> , 2021, 52, e660-e674.	2.0	9
69	Determinants of Arterial Distensibility in Patients with Renal Failure. <i>Nephron Physiology</i> , 2003, 95, p43-p48.	1.2	8
70	Diagnosis and surgical management of extracranial PICA aneurysms presenting through subarachnoid haemorrhage: Case report and review of the literature. <i>Clinical Neurology and Neurosurgery</i> , 2009, 111, 758-761.	1.4	8
71	Multi-slice computed tomographic angiography for stenosis detection in forearm hemodialysis arteriovenous fistulas. <i>Journal of Vascular Access</i> , 2008, 9, 278-84.	0.9	8
72	Tenets of Good Practice in Regression Analysis. A Brief Tutorial. <i>World Neurosurgery</i> , 2022, 161, 230-239.e6.	1.3	8

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73	Unruptured Arteriovenous Malformations. <i>Stroke</i> , 2021, 52, 1143-1146.	2.0	7
74	Surgery After Primary Dexamethasone Treatment for Patients with Chronic Subdural Hematoma—A Retrospective Study. <i>World Neurosurgery</i> , 2022, 162, e358-e368.	1.3	7
75	Fusiform Aneurysms Are Associated with Aortic Root Dilatation in Patients with Subarachnoid Hemorrhage. <i>World Neurosurgery</i> , 2015, 84, 1681-1685.	1.3	6
76	CAVERNOUS HEMANGIOMA OF THE MESENCEPHALON. <i>Operative Neurosurgery</i> , 2009, 64, ons296-ons300.	0.8	5
77	RADIOGUIDED IMPROVED RESECTION OF A CRANIAL BASE MENINGIOMA. <i>Operative Neurosurgery</i> , 2009, 64, onsE84-onsE85.	0.8	5
78	The importance of microsurgery in childhood meningioma: a case report. <i>Child's Nervous System</i> , 2015, 31, 161-165.	1.1	5
79	Cystic Degeneration of Craniofacial Fibrous Dysplasia. <i>World Neurosurgery</i> , 2018, 120, 159-162.	1.3	5
80	Advancing the Surgical Treatment of Intracerebral Hemorrhage: Study Design and Research Directions. <i>World Neurosurgery</i> , 2022, 161, 367-375.	1.3	5
81	Occurrence of malignant vertebral fractures in an emergency room setting. <i>Emergency Medicine Journal</i> , 2007, 24, 707-709.	1.0	4
82	Discomfort and Pain in Newborns With Myelomeningocele: A Prospective Evaluation. <i>Pediatrics</i> , 2012, 129, e741-e747.	2.1	4
83	Letter: Medical Management With Interventional Therapy Versus Medical Management Alone for Unruptured Brain Arteriovenous Malformations (ARUBA): Final Follow-up of a Multicentre, Nonblinded, Randomised Controlled Trial. <i>Neurosurgery</i> , 2020, 87, E729-E730.	1.1	4
84	Can Young Vascular Neurosurgeons Become Proficient in Microsurgical Clip Reconstruction in the Endovascular Era? A Rotterdam Cohort Spanning 2 Decades with Propensity Score Matching for Complexity. <i>World Neurosurgery</i> , 2020, 144, e780-e788.	1.3	4
85	The double stitch everting technique in end-to-side vascular anastomoses. <i>Microsurgery</i> , 2017, 37, 88-89.	1.3	3
86	Open Microvascular Thrombectomy for Acute Intracranial Large Vessel Occlusion: Microsurgery in the Endovascular Thrombectomy Era. <i>World Neurosurgery</i> , 2021, 145, e278-e290.	1.3	3
87	How I do it: proximal control in parkinson's triangle for a very large paraclinoid aneurysm. <i>Acta Neurochirurgica</i> , 2021, 163, 2967-2971.	1.7	3
88	Effect of Steroids as an Adjunct to Surgical Treatment in Patients with Chronic Subdural Hematoma. <i>Journal of Neurotrauma</i> , 2021, 38, 2572-2579.	3.4	3
89	The first historical description of chronic subdural hematoma: A tale of inaccurate interpretation, inaccurate quoting and inaccurate re-quoting. <i>Journal of the History of the Neurosciences</i> , 2023, 32, 1-18.	0.9	3
90	National survey on the current practice and attitudes toward the management of chronic subdural hematoma. <i>Brain and Behavior</i> , 2022, 12, e2463.	2.2	3

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91	Proper Use of Multiple Imputation and Dealing with Missing Covariate Data. <i>World Neurosurgery</i> , 2022, 161, 284-290.	1.3	3
92	Neurogenic pulmonary oedema in a patient with leptomeningeal carcinomatosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2006, 77, 1097-1097.	1.9	2
93	In Commendation of the Microscope. <i>Neurosurgery</i> , 2010, 66, 969-973.	1.1	2
94	Management of Chronic Subdural Hematoma. <i>Contemporary Neurosurgery</i> , 2015, 37, 1-5.	0.1	2
95	A Case of Spontaneous Third Ventriculocisternostomy to the Interpeduncular Fossa. <i>World Neurosurgery</i> , 2019, 127, 530-533.	1.3	2
96	Diagnostic reliability of the Berlin classification for complex MCA aneurysms—usability in a series of only giant aneurysms. <i>Acta Neurochirurgica</i> , 2020, 162, 2753-2758.	1.7	2
97	Growth of unruptured aneurysms: A meta-analysis of natural history and endovascular studies. <i>Journal of Clinical Neuroscience</i> , 2021, 91, 343-349.	1.5	2
98	Successful surgical optic nerve decompression in a patient with hypertrophic pachymeningitis due to granulomatous polyangiitis. <i>BMJ Case Reports</i> , 2015, 2015, bcr2014208110-bcr2014208110.	0.5	2
99	Transient neurological deficit in patients with chronic subdural hematoma: A retrospective cohort analysis. <i>Journal of Neurology</i> , 2022, 269, 3180-3188.	3.6	2
100	Pathophysiology of transient neurological deficit in patients with chronic subdural hematoma: A systematic review. <i>Acta Neurologica Scandinavica</i> , 2022, 145, 649-657.	2.1	2
101	Vision loss caused by immunoglobulin G4-related disease of the skull base complicated by a mucocele of the sphenoid sinus. <i>International Forum of Allergy and Rhinology</i> , 2022, , .	2.8	2
102	Identifying the Conditions for Cost-Effective Minimally Invasive Neurosurgery in Spontaneous Supratentorial Intracerebral Hemorrhage. <i>Frontiers in Neurology</i> , 0, 13, .	2.4	2
103	Endothelin-1 Levels and Conduit Artery Mechanical Properties in End-Stage Renal Disease. <i>Blood Purification</i> , 2005, 23, 190-195.	1.8	1
104	Centralisatie van craniosynostose in Nederland. <i>Tijdschrift Voor Kindergeneeskunde</i> , 2014, 82, 106-111.	0.0	1
105	In Reply: The History of the Kernohan Notch Revisited. <i>Neurosurgery</i> , 2017, 80, 226-226.	1.1	1
106	Prevalence of Cognitive Complaints and Impairment in Patients with Chronic Subdural Hematoma and Recovery after Treatment: A Systematic Review. <i>Journal of Neurotrauma</i> , 2020, 38, 159-168.	3.4	1
107	The “weekend effect” and outcomes after clipping of ruptured intracranial aneurysms—general healthcare metrics and trained vascular neurosurgeons. <i>Acta Neurochirurgica</i> , 2021, 163, 793-795.	1.7	1
108	Variation in medical management and neurosurgical treatment of patients with supratentorial spontaneous intracerebral haemorrhage. <i>European Stroke Journal</i> , 2021, 6, 134-142.	5.5	1

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109	The Double Stitch Everting Technique in the End-to-Side Microvascular Anastomosis: Validation of the Technique Using a Randomized N-of-1 Trial. <i>Journal of Reconstructive Microsurgery</i> , 2021, 37, 421-426.	1.8	1
110	External validation of prognostic models predicting outcome after chronic subdural hematoma. <i>Acta Neurochirurgica</i> , 2022, , 1.	1.7	1
111	Regarding "new method to create a vascular arteriovenous fistula in the arm with an endoscopic technique" <i>Journal of Vascular Surgery</i> , 2003, 37, 1343-1344.	1.1	0
112	N-acetylglutamate synthetase deficiency or porto-systemic shunt associated encephalopathy?. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2002, 91, 729-729.	1.5	0
113	Management of Chronic Subdural Hematoma. <i>Contemporary Neurosurgery</i> , 2015, 37, 1-5.	0.1	0
114	Letter to the Editor: Deep venous thrombosis and pulmonary embolism. <i>Journal of Neurosurgery</i> , 2015, 122, 721-722.	1.6	0
115	In Reply. <i>Neurosurgery</i> , 2016, 79, E546-E547.	1.1	0
116	Effects of two isometheptene enantiomers in isolated human blood vessels and rat middle meningeal artery " potential antimigraine efficacy. <i>Journal of Headache and Pain</i> , 2019, 20, 47.	6.0	0
117	Letter to the editor: Progressive neurology in a young woman with a known Currarino's triad. <i>European Spine Journal</i> , 2021, 30, 1391-1392.	2.2	0
118	Comment on "A modified "interrupted" method with resting of the suture needle on the vessel wall for microvascular anastomosis" <i>Microsurgery</i> , 2021, 41, 703-703.	1.3	0
119	Carotid elasticity measurements. , 2003, , 269-283.		0
120	Radioguided Improved Resection of a Skull Base Meningioma. <i>Skull Base</i> , 2009, 19, .	0.4	0