

Chirag D Gandhi

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

2,116
citations

201658

27
h-index

254170

43
g-index

90
all docs

90
docs citations

90
times ranked

3181
citing authors

#	ARTICLE	IF	CITATIONS
1	Diverse signaling mechanisms of mTOR complexes: mTORC1 and mTORC2 in forming a formidable relationship. <i>Advances in Biological Regulation</i> , 2019, 72, 51-62.	2.3	179
2	Initial hospital management of patients with emergent large vessel occlusion (ELVO): report of the standards and guidelines committee of the Society of NeuroInterventional Surgery. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 316-323.	3.3	112
3	Cerebral Venous Sinus Thrombosis in COVID-19 Infection: A Case Series and Review of The Literature. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105434.	1.6	110
4	Heparin crosslinked chitosan microspheres for the delivery of neural stem cells and growth factors for central nervous system repair. <i>Acta Biomaterialia</i> , 2013, 9, 6834-6843.	8.3	100
5	Flow Diverters for Intracranial Aneurysms. <i>Stroke Research and Treatment</i> , 2014, 2014, 1-12.	0.8	96
6	Head, neck, and brain tumor embolization guidelines. <i>Journal of NeuroInterventional Surgery</i> , 2012, 4, 251-255.	3.3	82
7	Standard of practice: embolization of spinal arteriovenous fistulae, spinal arteriovenous malformations, and tumors of the spinal axis. <i>Journal of NeuroInterventional Surgery</i> , 2013, 5, 3-5.	3.3	78
8	Genetic risk factors for spontaneous intracerebral haemorrhage. <i>Nature Reviews Neurology</i> , 2016, 12, 40-49.	10.1	72
9	The historical evolution of transsphenoidal surgery: facilitation by technological advances. <i>Neurosurgical Focus</i> , 2009, 27, E8.	2.3	69
10	Arteriovenous Malformations in the Pediatric Population: Review of the Existing Literature. <i>Interventional Neurology</i> , 2016, 5, 218-225.	1.8	61
11	Prehospital care delivery and triage of stroke with emergent large vessel occlusion (ELVO): report of the Standards and Guidelines Committee of the Society of Neurointerventional Surgery. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 802-812.	3.3	61
12	Clinical and Radiographic Predictors of Intracerebral Hemorrhage Outcome. <i>Interventional Neurology</i> , 2018, 7, 118-136.	1.8	56
13	True Aneurysms of the Posterior Communicating Artery: A Systematic Review and Meta-Analysis of Individual Patient Data. <i>World Neurosurgery</i> , 2011, 75, 64-72.	1.3	52
14	Reversible cerebral vasoconstriction syndrome and dissection in the setting of COVID-19 infection. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 105011.	1.6	49
15	True posterior communicating artery aneurysms: are they more prone to rupture? A biomorphometric analysis. <i>Journal of Neurosurgery</i> , 2010, 112, 611-615.	1.6	39
16	Contemporary therapeutic strategies for occlusion of the artery of Percheron: a review of the literature. <i>Journal of NeuroInterventional Surgery</i> , 2015, 7, 95-98.	3.3	38
17	Current endovascular treatment options of dural venous sinus thrombosis: a review of the literature. <i>Journal of NeuroInterventional Surgery</i> , 2013, 5, 28-34.	3.3	37
18	Platelet function inhibitors and platelet function testing in neurointerventional procedures: Table 1. <i>Journal of NeuroInterventional Surgery</i> , 2014, 6, 567-577.	3.3	37

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19	Improvements in biomaterial matrices for neural precursor cell transplantation. <i>Molecular and Cellular Therapies</i> , 2014, 2, 19.	0.2	35
20	Transarterial and transvenous access for neurointerventional surgery: report of the SNIS Standards and Guidelines Committee. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 733-741.	3.3	34
21	Optimizing a multifunctional microsphere scaffold to improve neural precursor cell transplantation for traumatic brain injury repair. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2016, 10, E419-E432.	2.7	33
22	Current Treatment Options for Cerebral Arteriovenous Malformations in Pregnancy: A Review of the Literature. <i>World Neurosurgery</i> , 2014, 81, 83-90.	1.3	32
23	Drug eluting stents versus bare metal stents for the treatment of extracranial vertebral artery disease: a meta-analysis. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 770-774.	3.3	32
24	Neuroendovascular management of emergent large vessel occlusion: update on the technical aspects and standards of practice by the Standards and Guidelines Committee of the Society of NeuroInterventional Surgery. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 315-320.	3.3	32
25	Flow Diversion for Intracranial Aneurysm Management: A New Standard of Care. <i>Neurotherapeutics</i> , 2016, 13, 582-589.	4.4	31
26	Guidelines and parameters: percutaneous sclerotherapy for the treatment of head and neck venous and lymphatic malformations. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 611-617.	3.3	31
27	Direct carotid-cavernous fistula: A complication of, and treatment with, flow diversion. <i>Interventional Neuroradiology</i> , 2016, 22, 569-576.	1.1	28
28	Post-thrombectomy management of the ELVO patient: Guidelines from the Society of NeuroInterventional Surgery. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 1258-1266.	3.3	27
29	Standard and Guidelines: Intracranial Dural Arteriovenous Shunts. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 516-523.	3.3	26
30	The Natural History and Treatment Options for Unruptured Intracranial Aneurysms. <i>International Journal of Vascular Medicine</i> , 2012, 2012, 1-11.	1.0	23
31	Influence of Relative Residence Time on Side-Wall Aneurysm Inception. <i>Neurosurgery</i> , 2018, 83, 574-581.	1.1	21
32	Genome-Wide Association Studies of Intracranial Aneurysms. <i>Stroke</i> , 2013, 44, 2670-2675.	2.0	20
33	Association of baseline frailty status and age with postoperative morbidity and mortality following intracranial meningioma resection. <i>Journal of Neuro-Oncology</i> , 2021, 155, 45-52.	2.9	19
34	Endovascular Thrombectomy for Treatment of Acute Ischemic Stroke During Pregnancy and the Early Postpartum Period. <i>Stroke</i> , 2021, 52, 3796-3804.	2.0	19
35	Acute Cerebrovascular Disorders and Vasculopathies Associated with Significant Mortality in SARS-CoV-2 Patients Admitted to The Intensive Care Unit in The New York Epicenter. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105429.	1.6	18
36	Endovascular Thrombectomy for Pediatric Acute Ischemic Stroke. <i>Stroke</i> , 2022, 53, 1530-1539.	2.0	18

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37	Low Glasgow Coma Score in Traumatic Intracranial Hemorrhage Predicts Development of Cerebral Vasospasm. <i>World Neurosurgery</i> , 2018, 120, e68-e71.	1.3	15
38	Current differential diagnoses and treatment options of vascular occlusions presenting as bilateral thalamic infarcts: a review of the literature. <i>Journal of NeuroInterventional Surgery</i> , 2013, 5, 419-425.	3.3	14
39	Prevalence of Asymptomatic Incidental Aneurysms: A Review of 2685 Computed Tomographic Angiograms. <i>World Neurosurgery</i> , 2014, 82, 1086-1090.	1.3	14
40	Effect of Bone Flap Surface Area on Outcomes in Decompressive Hemicraniectomy for Traumatic Brain Injury. <i>World Neurosurgery</i> , 2018, 119, e922-e927.	1.3	14
41	Spontaneous Hemorrhage of a Facial Neurofibroma. <i>Journal of Craniofacial Surgery</i> , 2013, 24, e514-e517.	0.7	13
42	Current endovascular treatment options for central retinal arterial occlusion: a review. <i>Neurosurgical Focus</i> , 2014, 36, E7.	2.3	13
43	Rescue Therapy for Procedural Complications Associated With Deployment of Flow-Diverting Devices in Cerebral Aneurysms. <i>Operative Neurosurgery</i> , 2018, 15, 624-633.	0.8	13
44	Nationwide trends in middle meningeal artery embolization for treatment of chronic subdural hematoma: A population-based analysis of utilization and short-term outcomes. <i>Journal of Clinical Neuroscience</i> , 2021, 94, 70-75.	1.5	13
45	Endovascular management of acute ischemic stroke. <i>Neurosurgical Focus</i> , 2009, 26, E2.	2.3	12
46	Subacute Transplantation of Native and Genetically Engineered Neural Progenitors Seeded on Microsphere Scaffolds Promote Repair and Functional Recovery After Traumatic Brain Injury. <i>ASN Neuro</i> , 2019, 11, 175909141983018.	2.7	12
47	Targeting the mTOR pathway using novel ATP-competitive inhibitors, Torin1, Torin2 and XL388, in the treatment of glioblastoma. <i>International Journal of Oncology</i> , 2021, 59, .	3.3	12
48	Neurointerventional Stenting and Antiplatelet Function Testing: To Do or Not to Do?. <i>Interventional Neurology</i> , 2014, 3, 184-189.	1.8	11
49	Internal Maxillary Artery Preoperative Embolization Using n-Butyl Cyanoacrylate and Pushable Coils for Temporomandibular Joint Ankylosis Surgery. <i>World Neurosurgery</i> , 2017, 101, 254-258.	1.3	9
50	Involvement of mTOR Pathways in Recovery from Spinal Cord Injury by Modulation of Autophagy and Immune Response. <i>Biomedicines</i> , 2021, 9, 593.	3.2	9
51	Bihemispheric ischemic strokes in patients with COVID-19. <i>Brain Circulation</i> , 2022, 8, 10.	1.8	9
52	Neurosurgical Resident Error: A Survey of U.S. Neurosurgery Residency Training Program Directors' Perceptions. <i>World Neurosurgery</i> , 2018, 109, e563-e570.	1.3	8
53	Endovascular thrombectomy with and without preceding intravenous thrombolysis for treatment of large vessel anterior circulation stroke: A cross-sectional analysis of 50,000 patients. <i>Journal of the Neurological Sciences</i> , 2022, 434, 120168.	0.6	8
54	Disentangling the signaling pathways of mTOR complexes, mTORC1 and mTORC2, as a therapeutic target in glioblastoma. <i>Advances in Biological Regulation</i> , 2022, 83, 100854.	2.3	8

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55	Endovascular Management of Central Retinal Arterial Occlusion. <i>Vascular and Endovascular Surgery</i> , 2016, 50, 579-581.	0.7	7
56	Development of cerebral vasospasm following traumatic intracranial hemorrhage: incidence, risk factors, and clinical outcomes. <i>Neurosurgical Focus</i> , 2022, 52, E14.	2.3	7
57	SLAM: Stereotactic Radiosurgery of Large Arteriovenous Malformations: Meta-analysis of Hemorrhage in High-Grade Pollock-Flickinger Arteriovenous Malformations. <i>World Neurosurgery</i> , 2016, 85, 32-41.	1.3	6
58	Effects of Meteorological Variables on the Incidence of Rupture of Intracranial Aneurysms in Central New Jersey. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2017, 78, 238-244.	0.8	6
59	The novel use of Onyx for the rapid treatment of a traumatic carotid injury. <i>Journal of NeuroInterventional Surgery</i> , 2012, 4, e18-e18.	3.3	5
60	Endovascular therapy for cerebrovascular injuries after head and neck trauma. <i>Trauma</i> , 2015, 17, 258-269.	0.5	5
61	Endovascular Management of Spinal Dural Arteriovenous Fistulas. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2016, 77, 523-526.	0.8	5
62	Isolated Intraventricular Hemorrhage Associated with Cerebral Vasospasm and Delayed Cerebral Ischemia following Arteriovenous Malformation Rupture. <i>Interventional Neurology</i> , 2018, 7, 479-489.	1.8	5
63	Spinal Epidural Abscess Patients Have Higher Modified Frailty Indexes Than Back Pain Patients on Emergency Room Presentation: A Single-Center Retrospective Case-Control Study. <i>World Neurosurgery</i> , 2021, 152, e610-e616.	1.3	5
64	Intracranial Tumors: Cisternal Angle as a Measure of Midbrain Compression for Assessing Risk of Postembolization Clinical Deterioration. <i>Radiology</i> , 2009, 251, 892-900.	7.3	4
65	Neurosurgery in Ancient India: Susruta. <i>Indian Journal of Neurosurgery</i> , 2015, 04, 117-123.	0.2	4
66	Mandatory Neuroendovascular Evolution: Meeting the New Demands. <i>Interventional Neurology</i> , 2019, 8, 69-82.	1.8	4
67	Incidence of Neo-Intimal Hyperplasia in Anterior Circulation Aneurysms Following Pipeline Flow Diversion. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105794.	1.6	4
68	Pipeline embolization of ruptured, previously coiled cerebral aneurysms: Case series and considerations for management. <i>Brain Circulation</i> , 2021, 7, 111.	1.8	4
69	Cardiac arrest in spontaneous subarachnoid hemorrhage and associated outcomes. <i>Neurosurgical Focus</i> , 2022, 52, E6.	2.3	4
70	Does alar ligament injury predict conservative treatment failure of atlantoaxial rotatory subluxation in adults: Case report and review of the literature. <i>Spinal Cord Series and Cases</i> , 2021, 7, 103.	0.6	4
71	Acute subdural hematomas secondary to aneurysmal subarachnoid hemorrhage confer poor prognosis: a national perspective. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 426-429.	3.3	3
72	Endovascular Management of Epistaxis Secondary to Dissecting Pseudoaneurysm of the Descending Palatine Artery Following Orthognathic Surgery. <i>Journal of Vascular and Interventional Neurology</i> , 2018, 10, 41-46.	1.1	3

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73	Flow diversion in anterior cerebral artery aneurysms. <i>Brain Circulation</i> , 2021, 7, 247.	1.8	3
74	Reversal of Visual Impairment Associated with Vasospasm After Resection of Sphenoclinoidocavernous Meningioma with Intra-Arterial Verapamil. <i>World Neurosurgery</i> , 2016, 92, 581.e1-581.e5.	1.3	2
75	Acute communicating hydrocephalus after intracranial arachnoid cyst decompression: A report of two cases. , 2021, 12, 533.		2
76	Obstructive sleep apnea confers lower mortality risk in acute ischemic stroke patients treated with endovascular thrombectomy: National Inpatient Sample analysis 2010â€“2018. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 1195-1199.	3.3	2
77	Cerebral vasospasm following arteriovenous malformation rupture: a population-based cross-sectional study. <i>Neurosurgical Focus</i> , 2022, 53, E15.	2.3	2
78	Off-Label Uses for Flow Diversion in Intracranial Aneurysm Management. <i>Journal of Neuroimaging</i> , 2017, 27, 359-364.	2.0	1
79	Embolization of Pediatric Intracranial and Skull Base Vascular Tumors. , 2016, , 273-284.		1
80	Decision-Making for Patients With Cerebral Arteriovenous Malformations. <i>Cardiology in Review</i> , 2021, 29, 10-14.	1.4	1
81	Genetic Insights into Cerebrovascular Disorders: A Comprehensive Review. <i>Journal of Vascular and Interventional Neurology</i> , 2017, 9, 21-32.	1.1	1
82	An institutional report of heparin induced thrombocytopenia type II in aneurysmal subarachnoid hemorrhage patients. <i>Interventional Neuroradiology</i> , 2022, , 159101992210916.	1.1	1
83	Frailty is a risk factor for intracranial abscess and is associated with longer length of stay: a retrospective single institution case-control study. <i>Journal of Neurosurgical Sciences</i> , 2022, , .	0.6	1
84	Use of femoral compression device for neck compression in carotid blowout as a temporizing measure to achieve coil sacrifice. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 921-922.	3.3	0
85	The Life and Death of Lord Nelson: The Leader, the Patient, the Legend. <i>World Neurosurgery</i> , 2021, 145, 348-355.	1.3	0
86	Treatment of an Elusive Symptomatic Sinus Pericranii: Case Report and Review of the Literature. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2021, , .	0.8	0
87	Abstract 1122â€œ000059: Considering Transcarotid Access for Mechanical Thrombectomy in Acute Ischemic Stroke: A Metaâ€œAnalysis and Systematic Review. , 2021, 1, .		0
88	Neutrophilâ€œLymphocyte ratio is associated with poor clinical outcome after mechanical thrombectomy in stroke in patients with COVID-19. <i>Interventional Neuroradiology</i> , 2023, 29, 386-392.	1.1	0
89	Intraoperative navigation in surgical management of traumatic spine injury: a propensity score matching analysis. <i>Journal of Neurosurgical Sciences</i> , 2022, , .	0.6	0
90	Acute ischemic strokes in patients with developmental disabilities: A cross-sectional analysis. <i>Interventional Neuroradiology</i> , 0, , 159101992211103.	1.1	0