

Chirag D Gandhi

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

83
papers

1,408
citations

23
h-index

35
g-index

90
ext. papers

1,791
ext. citations

4.2
avg, IF

4.56
L-index

#	Paper	IF	Citations
83	Diverse signaling mechanisms of mTOR complexes: mTORC1 and mTORC2 in forming a formidable relationship. <i>Advances in Biological Regulation</i> , 2019 , 72, 51-62	6.2	100
82	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	7.8	83
81	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, 6834-43	10.8	82
80	Flow diverters for intracranial aneurysms. <i>Stroke Research and Treatment</i> , 2014 , 2014, 415653	1.7	80
79	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	7.8	73
78	Head, neck, and brain tumor embolization guidelines. <i>Journal of NeuroInterventional Surgery</i> , 2012 , 4, 251-5	7.8	59
77	The historical evolution of transsphenoidal surgery: facilitation by technological advances. <i>Neurosurgical Focus</i> , 2009 , 27, E8	4.2	53
76	Genetic risk factors for spontaneous intracerebral haemorrhage. <i>Nature Reviews Neurology</i> , 2016 , 12, 40-9	15	49
75	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	7.8	48
74	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	2.8	48
73	Arteriovenous Malformations in the Pediatric Population: Review of the Existing Literature. <i>Interventional Neurology</i> , 2016 , 5, 218-225	3	42
72	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; discussion 49	2.1	38
71	Current endovascular treatment options of dural venous sinus thrombosis: a review of the literature. <i>Journal of NeuroInterventional Surgery</i> , 2013 , 5, 28-34	7.8	34
70	Clinical and Radiographic Predictors of Intracerebral Hemorrhage Outcome. <i>Interventional Neurology</i> , 2018 , 7, 118-136	3	33
69	Platelet function inhibitors and platelet function testing in neurointerventional procedures. <i>Journal of NeuroInterventional Surgery</i> , 2014 , 6, 567-77	7.8	31
68	True posterior communicating artery aneurysms: are they more prone to rupture? A biomorphometric analysis. <i>Journal of Neurosurgery</i> , 2010 , 112, 611-5	3.2	31
67	Improvements in biomaterial matrices for neural precursor cell transplantation. <i>Molecular and Cellular Therapies</i> , 2014 , 2, 19		28

66	Reversible cerebral vasoconstriction syndrome and dissection in the setting of COVID-19 infection. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020 , 29, 105011	2.8	27
65	Contemporary therapeutic strategies for occlusion of the artery of Percheron: a review of the literature. <i>Journal of NeuroInterventional Surgery</i> , 2015 , 7, 95-8	7.8	25
64	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	7.8	24
63	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	7.8	24
62	Direct carotid-cavernous fistula: A complication of, and treatment with, flow diversion. <i>Interventional Neuroradiology</i> , 2016 , 22, 569-76	1.9	24
61	Flow Diversion for Intracranial Aneurysm Management: A New Standard of Care. <i>Neurotherapeutics</i> , 2016 , 13, 582-9	6.4	24
60	Post-thrombectomy management of the ELVO patient: Guidelines from the Society of NeuroInterventional Surgery. <i>Journal of NeuroInterventional Surgery</i> , 2017 , 9, 1258-1266	7.8	22
59	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	4.4	22
58	Current treatment options for cerebral arteriovenous malformations in pregnancy: a review of the literature. <i>World Neurosurgery</i> , 2014 , 81, 83-90	2.1	22
57	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, 770-4	7.8	21
56	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	7.8	20
55	The natural history and treatment options for unruptured intracranial aneurysms. <i>International Journal of Vascular Medicine</i> , 2012 , 2012, 898052	1.2	20
54	Standard and Guidelines: Intracranial Dural Arteriovenous Shunts. <i>Journal of NeuroInterventional Surgery</i> , 2017 , 9, 516-523	7.8	16
53	Genome-wide association studies of intracranial aneurysms: an update. <i>Stroke</i> , 2013 , 44, 2670-5	6.7	16
52	Influence of Relative Residence Time on Side-Wall Aneurysm Inception. <i>Neurosurgery</i> , 2018 , 83, 574-581	3.2	15
51	Prevalence of asymptomatic incidental aneurysms: a review of 2,685 computed tomographic angiograms. <i>World Neurosurgery</i> , 2014 , 82, 1086-90	2.1	12
50	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, 419-25	7.8	12
49	Endovascular management of acute ischemic stroke. <i>Neurosurgical Focus</i> , 2009 , 26, E2	4.2	12

48	Current endovascular treatment options for central retinal arterial occlusion: a review. <i>Neurosurgical Focus</i> , 2014 , 36, E7	4.2	11
47	Rescue Therapy for Procedural Complications Associated With Deployment of Flow-Diverting Devices in Cerebral Aneurysms. <i>Operative Neurosurgery</i> , 2018 , 15, 624-633	1.6	10
46	Spontaneous hemorrhage of a facial neurofibroma: endovascular embolization before surgical intervention. <i>Journal of Craniofacial Surgery</i> , 2013 , 24, e514-7	1.2	10
45	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	2.1	7
44	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	2.8	7
43	Effect of Bone Flap Surface Area on Outcomes in Decompressive Hemicraniectomy for Traumatic Brain Injury. <i>World Neurosurgery</i> , 2018 , 119, e922-e927	2.1	7
42	Neurointerventional Stenting and Antiplatelet Function Testing: To Do or Not to Do?. <i>Interventional Neurology</i> , 2015 , 3, 184-9	3	6
41	Neurosurgical Resident Error: A Survey of U.S. Neurosurgery Residency Training Program Directors' Perceptions. <i>World Neurosurgery</i> , 2018 , 109, e563-e570	2.1	6
40	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	1.1	5
39	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, 1759091419830186	5.3	5
38	The novel use of Onyx for the rapid treatment of a traumatic carotid injury. <i>Journal of NeuroInterventional Surgery</i> , 2012 , 4, e18	7.8	5
37	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	3.2	5
36	Endovascular Management of Central Retinal Arterial Occlusion. <i>Vascular and Endovascular Surgery</i> , 2016 , 50, 579-581	1.4	5
35	Low Glasgow Coma Score in Traumatic Intracranial Hemorrhage Predicts Development of Cerebral Vasospasm. <i>World Neurosurgery</i> , 2018 , 120, e68-e71	2.1	5
34	Endovascular therapy for cerebrovascular injuries after head and neck trauma. <i>Trauma</i> , 2015 , 17, 258-260.3	0.3	4
33	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	2.1	4
32	Neurosurgery in Ancient India: Susruta. <i>Indian Journal of Neurosurgery</i> , 2015 , 04, 117-123	0.1	3
31	Endovascular Management of Spinal Dural Arteriovenous Fistulas. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2016 , 77, 523-526	1.1	3

30	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	1.3	3
29	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,	4.4	3
28	Endovascular Thrombectomy for Treatment of Acute Ischemic Stroke During Pregnancy and the Early Postpartum Period. <i>Stroke</i> , 2021 , 52, 3796-3804	6.7	3
27	Intracranial tumors: cisternal angle as a measure of midbrain compression for assessing risk of postembolization clinical deterioration. <i>Radiology</i> , 2009 , 251, 892-900	20.5	2
26	Involvement of mTOR Pathways in Recovery from Spinal Cord Injury by Modulation of Autophagy and Immune Response. <i>Biomedicines</i> , 2021 , 9,	4.8	2
25	Mandatory Neuroendovascular Evolution: Meeting the New Demands. <i>Interventional Neurology</i> , 2020 , 8, 69-81	3	2
24	Acute subdural hematomas secondary to aneurysmal subarachnoid hemorrhage confer poor prognosis: a national perspective. <i>Journal of NeuroInterventional Surgery</i> , 2021 , 13, 426-429	7.8	2
23	Isolated Intraventricular Hemorrhage Associated with Cerebral Vasospasm and Delayed Cerebral Ischemia following Arteriovenous Malformation Rupture. <i>Interventional Neurology</i> , 2018 , 7, 479-489	3	2
22	Endovascular Thrombectomy for Pediatric Acute Ischemic Stroke.. <i>Stroke</i> , 2022 , STROKEAHA1210363616.7	16.7	2
21	Off-Label Uses for Flow Diversion in Intracranial Aneurysm Management. <i>Journal of Neuroimaging</i> , 2017 , 27, 359-364	2.8	1
20	Reversal of Visual Impairment Associated with Vasospasm After Resection of Sphenoclinoidocavernous Meningioma with Intra-Arterial Verapamil. <i>World Neurosurgery</i> , 2016 , 92, 581.21-581.1e5	5.1	1
19	Genetic Insights into Cerebrovascular Disorders: A Comprehensive Review. <i>Journal of Vascular and Interventional Neurology</i> , 2017 , 9, 21-32	1.3	1
18	Acute communicating hydrocephalus after intracranial arachnoid cyst decompression: A report of two cases. <i>Surgical Neurology International</i> , 2021 , 12, 533	1	1
17	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	2.2	1
16	Embolization of Pediatric Intracranial and Skull Base Vascular Tumors 2016 , 273-284		1
15	Incidence of Neo-Intimal Hyperplasia in Anterior Circulation Aneurysms Following Pipeline Flow Diversion. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021 , 30, 105794	2.8	1
14	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	4.8	1
13	Pipeline embolization of ruptured, previously coiled cerebral aneurysms: Case series and considerations for management. <i>Brain Circulation</i> , 2021 , 7, 111-117	2.7	1

12	Flow diversion in anterior cerebral artery aneurysms.. <i>Brain Circulation</i> , 2021 , 7, 247-252	2.7	○
11	Decision-Making for Patients With Cerebral Arteriovenous Malformations. <i>Cardiology in Review</i> , 2021 , 29, 10-14	3.2	○
10	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	2.1	○
9	Disentangling the signaling pathways of mTOR complexes, mTORC1 and mTORC2, as a therapeutic target in glioblastoma.. <i>Advances in Biological Regulation</i> , 2021 , 100854	6.2	○
8	Bihemispheric ischemic strokes in patients with COVID-19.. <i>Brain Circulation</i> , 2022 , 8, 10-16	2.7	○
7	Development of cerebral vasospasm following traumatic intracranial hemorrhage: incidence, risk factors, and clinical outcomes.. <i>Neurosurgical Focus</i> , 2022 , 52, E14	4.2	○
6	Does alar ligament injury predict conservative treatment failure of atlantoaxial rotatory sublaxation in adults: Case report and review of the literature. <i>Spinal Cord Series and Cases</i> , 2021 , 7, 103	1.4	○
5	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	7.8	
4	The Life and Death of Lord Nelson: The Leader, the Patient, the Legend. <i>World Neurosurgery</i> , 2021 , 145, 348-355	2.1	
3	An institutional report of heparin induced thrombocytopenia type II in aneurysmal subarachnoid hemorrhage patients.. <i>Interventional Neuroradiology</i> , 2022 , 15910199221091643	1.9	
2	Cardiac arrest in spontaneous subarachnoid hemorrhage and associated outcomes.. <i>Neurosurgical Focus</i> , 2022 , 52, E6	4.2	
1	Neutrophil-Lymphocyte ratio is associated with poor clinical outcome after mechanical thrombectomy in stroke in patients with COVID-19.. <i>Interventional Neuroradiology</i> , 2022 , 15910199221093896	1.9	