

# Prashant Chittiboina

## List of Publications by Year in descending order

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97  
papers

2,325  
citations

257357

24  
h-index

233338

45  
g-index

99  
all docs

99  
docs citations

99  
times ranked

3102  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gigantism and Acromegaly Due to Xq26 Microduplications and <i>GPR101</i> Mutation. <i>New England Journal of Medicine</i> , 2014, 371, 2363-2374.	13.9	292
2	CARD9-Dependent Neutrophil Recruitment Protects against Fungal Invasion of the Central Nervous System. <i>PLoS Pathogens</i> , 2015, 11, e1005293.	2.1	184
3	X-linked acrogigantism syndrome: clinical profile and therapeutic responses. <i>Endocrine-Related Cancer</i> , 2015, 22, 353-367.	1.6	151
4	Von Hippel-Lindau disease. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2015, 132, 139-156.	1.0	136
5	Comparison of operative and nonoperative management of spinal epidural abscess: a retrospective review of clinical and laboratory predictors of neurological outcome. <i>Journal of Neurosurgery: Spine</i> , 2013, 19, 119-127.	0.9	84
6	Somatic USP8 Gene Mutations Are a Common Cause of Pediatric Cushing Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 2836-2843.	1.8	81
7	Loss-of-function mutations in the <i>CABLES1</i> gene are a novel cause of Cushing's disease. <i>Endocrine-Related Cancer</i> , 2017, 24, 379-392.	1.6	66
8	Vorinostat suppresses hypoxia signaling by modulating nuclear translocation of hypoxia inducible factor 1 alpha. <i>Oncotarget</i> , 2017, 8, 56110-56125.	0.8	64
9	Percutaneous Spinal Fixation Simulation With Virtual Reality and Haptics. <i>Neurosurgery</i> , 2013, 72, A89-A96.	0.6	63
10	Histone Deacetylase Inhibitor SAHA Is a Promising Treatment of Cushing Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 2825-2835.	1.8	52
11	Magnetic resonance imaging properties of convective delivery in diffuse intrinsic pontine gliomas. <i>Journal of Neurosurgery: Pediatrics</i> , 2014, 13, 276-282.	0.8	51
12	High-resolution <sup>18</sup> F-fluorodeoxyglucose positron emission tomography and magnetic resonance imaging for pituitary adenoma detection in Cushing disease. <i>Journal of Neurosurgery</i> , 2015, 122, 791-797.	0.9	49
13	Evidence of polyclonality in neurofibromatosis type 2-associated multilobulated vestibular schwannomas. <i>Neuro-Oncology</i> , 2015, 17, 566-573.	0.6	45
14	Corticotropinoma as a Component of Carney Complex. <i>Journal of the Endocrine Society</i> , 2017, 1, 918-925.	0.1	45
15	Glucocorticoids in the management of peritumoral brain edema: a review of molecular mechanisms. <i>Child's Nervous System</i> , 2016, 32, 2293-2302.	0.6	44
16	Traumatic spondylolisthesis of the axis: a biomechanical comparison of clinically relevant anterior and posterior fusion techniques. <i>Journal of Neurosurgery: Spine</i> , 2009, 11, 379-387.	0.9	39
17	Earlier post-operative hypocortisolemia may predict durable remission from Cushing's disease. <i>European Journal of Endocrinology</i> , 2018, 178, 255-263.	1.9	35
18	Potential utility of FLAIR in MRI-negative Cushing's disease. <i>Journal of Neurosurgery</i> , 2018, 129, 620-628.	0.9	32

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19	Germline <i>CDKN1B</i> Loss-of-Function Variants Cause Pediatric Cushing's Disease With or Without an MEN4 Phenotype. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 1983-2005.	1.8	31
20	Screening for GPR101 defects in pediatric pituitary corticotropinomas. <i>Endocrine-Related Cancer</i> , 2016, 23, 357-365.	1.6	30
21	Accuracy of direct magnetic resonance imaging-guided placement of drug infusion cannulae. <i>Journal of Neurosurgery</i> , 2015, 122, 1173-1179.	0.9	28
22	How bullet trajectory affects outcomes of civilian gunshot injury to the spine. <i>Journal of Clinical Neuroscience</i> , 2011, 18, 1630-1633.	0.8	27
23	Normalized Early Postoperative Cortisol and ACTH Values Predict Nonremission After Surgery for Cushing Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 2179-2187.	1.8	27
24	Somatostatin receptor expression on von Hippel-Lindau-associated hemangioblastomas offers novel therapeutic target. <i>Scientific Reports</i> , 2017, 7, 40822.	1.6	26
25	CRH stimulation improves 18F-FDG-PET detection of pituitary adenomas in Cushing's disease. <i>Endocrine</i> , 2019, 65, 155-165.	1.1	25
26	Angiotensin as promising biomarkers and potential therapeutic targets in brain injury. <i>Pathophysiology</i> , 2013, 20, 15-21.	1.0	24
27	Posthemorrhagic hydrocephalus and shunts: what are the predictors of multiple revision surgeries?. <i>Journal of Neurosurgery: Pediatrics</i> , 2013, 11, 37-42.	0.8	24
28	Cytokine Microdialysis for Real-Time Immune Monitoring in Glioblastoma Patients Undergoing Checkpoint Blockade. <i>Neurosurgery</i> , 2019, 84, 945-953.	0.6	24
29	Variations in the cerebrospinal fluid proteome following traumatic brain injury and subarachnoid hemorrhage. <i>Pathophysiology</i> , 2017, 24, 169-183.	1.0	23
30	Pediatric Cushing disease: disparities in disease severity and outcomes in the Hispanic and African-American populations. <i>Pediatric Research</i> , 2017, 82, 272-277.	1.1	22
31	Is posttraumatic cerebrospinal fluid fistula a predictor of posttraumatic meningitis? A US Nationwide Inpatient Sample database study. <i>Neurosurgical Focus</i> , 2012, 32, E4.	1.0	21
32	Corticosteroids for shunted previously healthy patients with non-HIV cryptococcal meningoencephalitis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 219-220.	0.9	21
33	Large Genomic Aberrations in Corticotropinomas Are Associated With Greater Aggressiveness. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 1792-1801.	1.8	20
34	Occult tumors presenting with negative imaging: analysis of the literature. <i>Journal of Neurosurgery</i> , 2012, 116, 1195-1203.	0.9	19
35	Children with <i>MEN1</i> gene mutations may present first (and at a young age) with Cushing disease. <i>Clinical Endocrinology</i> , 2018, 89, 437-443.	1.2	19
36	Identification of a subtype-specific <i>ENC1</i> gene related to invasiveness in human pituitary null cell adenoma and oncocytomas. <i>Journal of Neuro-Oncology</i> , 2014, 119, 307-315.	1.4	18

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37	Dysphagia Following Posterior Fossa Surgery in Adults. <i>World Neurosurgery</i> , 2014, 82, 822-827.	0.7	18
38	Inhibiting protein phosphatase 2A increases the antitumor effect of protein arginine methyltransferase 5 inhibition in models of glioblastoma. <i>Neuro-Oncology</i> , 2021, 23, 1481-1493.	0.6	18
39	The Evolving Role of Hemodilution in Treatment of Cerebral Vasospasm: A Historical Perspective. <i>World Neurosurgery</i> , 2011, 75, 660-664.	0.7	16
40	Is IGSF1 involved in human pituitary tumor formation?. <i>Endocrine-Related Cancer</i> , 2015, 22, 47-54.	1.6	16
41	iMRI During Transsphenoidal Surgery. <i>Neurosurgery Clinics of North America</i> , 2017, 28, 499-512.	0.8	16
42	Comparative clinical and genomic analysis of neurofibromatosis type 2-associated cranial and spinal meningiomas. <i>Scientific Reports</i> , 2020, 10, 12563.	1.6	16
43	Somatic IDH1 mutation in a pituitary adenoma of a patient with Maffucci syndrome. <i>Journal of Neurosurgery</i> , 2016, 124, 1562-1567.	0.9	15
44	Cushing disease in a patient with multiple endocrine neoplasia type 2B. <i>Journal of Clinical and Translational Endocrinology: Case Reports</i> , 2017, 4, 1-4.	0.4	15
45	Identification of an <i>Alu</i> element-mediated deletion in the promoter region of <i>GNE</i> in siblings with <i>GNE</i> myopathy. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2017, 5, 410-417.	0.6	15
46	Humphrey Ridley (1653–1708): 17th century evolution in neuroanatomy and selective cerebrovascular injections for cadaver dissection. <i>Neurosurgical Focus</i> , 2012, 33, E3.	1.0	14
47	Different imaging characteristics of concurrent pituitary adenomas in a patient with Cushing's disease. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 891-894.	0.8	13
48	Corticotropin releasing hormone can selectively stimulate glucose uptake in corticotropinoma via glucose transporter 1. <i>Molecular and Cellular Endocrinology</i> , 2018, 470, 105-114.	1.6	13
49	Editorial: Convection-enhanced delivery for diffuse intrinsic pontine glioma. <i>Journal of Neurosurgery: Pediatrics</i> , 2014, 13, 273-275.	0.8	11
50	Postoperative Diabetes Insipidus and Hyponatremia in Children after Transsphenoidal Surgery for Adrenocorticotropic Hormone and Growth Hormone Secreting Adenomas. <i>Journal of Pediatrics</i> , 2018, 195, 169-174.e1.	0.9	11
51	Unilateral vestibular schwannoma in a patient with schwannomatosis in the absence of LZTR1 mutation. <i>Journal of Neurosurgery</i> , 2016, 125, 1469-1471.	0.9	10
52	Functional Outcome After Resection of Von Hippel-Lindau Disease-Associated Cauda Equina Hemangioblastomas: An Observational Cohort Study. <i>Operative Neurosurgery</i> , 2017, 13, 435-440.	0.4	10
53	Feasibility of thoracic nerve root preservation in posterior transpedicular vertebrectomy with anterior column cage insertion: a cadaveric study. <i>Journal of Neurosurgery: Spine</i> , 2010, 13, 630-635.	0.9	9
54	Coagulation Profile Dynamics in Pediatric Patients with Cushing Syndrome: A Prospective, Observational Comparative Study. <i>Journal of Pediatrics</i> , 2016, 177, 227-231.	0.9	9

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55	Endosphenoidal coil for intraoperative magnetic resonance imaging of the pituitary gland during transsphenoidal surgery. <i>Journal of Neurosurgery</i> , 2016, 125, 1451-1459.	0.9	9
56	Repurposing propranolol as an antitumor agent in von Hippel-Lindau disease. <i>Journal of Neurosurgery</i> , 2019, 131, 1106-1114.	0.9	9
57	Transient oculomotor nerve palsy after topical administration of intracisternal papaverine. <i>Acta Neurochirurgica</i> , 2011, 153, 431-433.	0.9	7
58	Von Hippel-Lindau Disease Associated Pulmonary Carcinoid with Cranial Metastasis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 2633-2636.	1.8	7
59	Rare Germline DICER1 Variants in Pediatric Patients With Cushing's Disease: What Is Their Role?. <i>Frontiers in Endocrinology</i> , 2020, 11, 433.	1.5	7
60	A Computational Simulation of the Effect of Hemodilution on Oxygen Transport in Middle Cerebral Artery Vasospasm. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 2209-2217.	2.4	6
61	Diagnosing paroxysmal autonomic instability with dystonia following intracerebral hemorrhage. <i>Neurology India</i> , 2011, 59, 906.	0.2	6
62	Dr. Otto "Tiger" Freer: inventor and innovator. <i>Neurosurgical Focus</i> , 2012, 33, E12.	1.0	6
63	Simulating vasogenic brain edema using chronic VEGF infusion. <i>Journal of Neurosurgery</i> , 2017, 127, 905-916.	0.9	6
64	3D Volumetric Measurements of GH Secreting Adenomas Correlate with Baseline Pituitary Function, Initial Surgery Success Rate, and Disease Control. <i>Hormone and Metabolic Research</i> , 2017, 49, 440-445.	0.7	6
65	Loss of Quiescence in von Hippel-Lindau Hemangioblastomas is Associated with Erythropoietin Signaling. <i>Scientific Reports</i> , 2016, 6, 35486.	1.6	5
66	Paediatric patients with Cushing disease and negative pituitary MRI have a higher risk of nonremission after transsphenoidal surgery. <i>Clinical Endocrinology</i> , 2021, 95, 856-862.	1.2	5
67	Intravitreal treatment of severe ocular von Hippel-Lindau disease using a combination of the VEGF inhibitor, ranibizumab and PDGF inhibitor, E10030: Results from a phase 1/2 clinical trial. <i>Clinical and Experimental Ophthalmology</i> , 2021, 49, 1048-1059.	1.3	5
68	Petrous Carotid Exposure with Eustachian Tube Preservation: A Morphometric Elucidation. <i>Skull Base</i> , 2011, 21, 329-334.	0.4	4
69	Unique case of postpartum cerebral angiopathy requiring surgical intervention: Case report and review of literature. <i>Neurology India</i> , 2011, 59, 891.	0.2	4
70	Head and Spinal Cord Injury: Diagnosis and Management. <i>Neurologic Clinics</i> , 2012, 30, 241-276.	0.8	4
71	Audiologic Natural History of Small Volume Cochleovestibular Schwannomas in Neurofibromatosis Type 2. <i>Otology and Neurotology</i> , 2018, 39, 357-364.	0.7	4
72	Intradural cauda equina Candida abscess presenting with hydrocephalus: case report. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 890-893.	0.9	4

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73	Carotid Recanalization in Nonacute Internal Carotid Artery Occlusion. <i>Neurosurgery</i> , 2012, 59, 119-125.	0.6	3
74	Retrobulbar Hemangioblastomas in von Hippel-Lindau Disease: Clinical Course and Management. <i>Neurosurgery</i> , 2021, 88, 1012-1020.	0.6	3
75	OR24-6 Non-syndromic Cushing's Disease Due To CDKN1B Mutations: Novel Mutations And Phenotypic Features In A Large Pediatric Cohort. <i>Journal of the Endocrine Society</i> , 2019, 3, .	0.1	3
76	Robotic Nerve Sheath Tumor Resection With Intraoperative Neuromonitoring: Case Series and Systematic Review. <i>Operative Neurosurgery</i> , 2022, 22, 44-50.	0.4	3
77	Do Concomitant Cranium and Axis Injuries Predict Worse Outcome? A Trauma Database Quantitative Analysis. <i>Skull Base</i> , 2011, 21, 249-254.	0.4	2
78	Metastatic Prostate Mass to the Intradural Foramen Magnum Region: A Case Report. <i>Journal of Neurological Surgery Reports</i> , 2012, 73, 009-013.	0.3	2
79	From Pergamon to Army Base Hospital No. 5: the history and significance of the galea aponeurotica in the evolution of neurosurgery. <i>Journal of Neurosurgery</i> , 2014, 121, 333-337.	0.9	2
80	Discovery of Aquaporin-1 and Aquaporin-4 Expression in an Intramedullary Spinal Cord Ependymal Cyst: Case Report. <i>World Neurosurgery</i> , 2017, 107, 1046.e1-1046.e7.	0.7	2
81	Hemangioblastomatosis-associated negative-pressure hydrocephalus managed with improvised shunt. <i>Journal of Clinical Neuroscience</i> , 2018, 58, 226-228.	0.8	2
82	Subependymoma at the foramen of Monro presenting with intermittent hydrocephalus: case report and review of the literature. <i>The Journal of the Louisiana State Medical Society: Official Organ of the Louisiana State Medical Society</i> , 2010, 162, 214-7.	0.1	2
83	Two cases of ruptured cerebral aneurysms presenting with contralateral hematomas. <i>Emergency Radiology</i> , 2011, 18, 39-42.	1.0	1
84	Facial Nerve Monitoring in Posterior Fossa Surgery. <i>World Neurosurgery</i> , 2013, 80, e197-e198.	0.7	1
85	A 47-year old female with a destructive sellar mass. <i>Brain Pathology</i> , 2017, 27, 241-242.	2.1	1
86	Resection of von Hippel Lindau Related Brainstem Hemangioblastoma. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2019, 80, S348-S348.	0.4	1
87	Optical Imaging Technology: A Useful Tool to Identify Remission in Cushing Disease After Surgery. <i>Hormone and Metabolic Research</i> , 2019, 51, 120-126.	0.7	1
88	Resection of a conus medullaris hemangioblastoma: Case report. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2021, 23, 100904.	0.2	1
89	Flexible thecoscopy for extensive spinal arachnoiditis. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 325-335.	0.9	1
90	Tuberculous Meningitis in a Patient with Cushing's Disease: Glucocorticoid-mediated Immunosuppression: Case Report, and Review of the Literature. <i>Neurology India</i> , 2019, 67, 1128.	0.2	1

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91	Cavernous Sinus Exploration in Cushing's Disease: Indications and Outcomes. Journal of Neurological Surgery, Part B: Skull Base, 2020, 81, .	0.4	1
92	Does Haemorrhage Associated with Brain Metastases in Lung Cancer Patients Predict Early Mortality after Cranial Irradiation?. Clinical Oncology, 2012, 24, 646-647.	0.6	0
93	Rapid Enlargement of Aneurysmal Remnant as a Cause of Early Rebleed after Coil Embolization of Posterior Communicating Artery Aneurysm: A Case Report. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2013, 74, e170-e175.	0.4	0
94	A Prospective Evaluation of Swallowing and Speech in Patients with Neurofibromatosis Type 2. Journal of Neurological Surgery, Part B: Skull Base, 2021, 82, 244-250.	0.4	0
95	Multiple VHL-related hemangioblastomas and holocord syrinx: identifying the causative lesion. Illustrative case. Journal of Neurosurgery Case Lessons, 2021, 2, .	0.1	0
96	First-in-Human Intraoperative MRI Coil for High-Resolution Imaging during Transsphenoidal Surgery. Journal of Neurological Surgery, Part B: Skull Base, 2020, 81, .	0.4	0
97	INNV-27. AN INNOVATIVE VIRTUAL MULTI-INSTITUTIONAL, MULTIDISCIPLINARY NEURO-ONCOLOGY TUMOR BOARD: THE NIH-NOB EXPERIENCE DURING THE COVID-19 PANDEMIC. Neuro-Oncology, 2021, 23, vi111-vi111.	0.6	0