

Arnau Benet

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

1,020
citations

623188

14
h-index

500791

28
g-index

75
all docs

75
docs citations

75
times ranked

977
citing authors

#	ARTICLE	IF	CITATIONS
1	Bypass surgery for complex middle cerebral artery aneurysms: an algorithmic approach to revascularization. <i>Journal of Neurosurgery</i> , 2017, 127, 463-479.	0.9	120
2	Novel embalming solution for neurosurgical simulation in cadavers. <i>Journal of Neurosurgery</i> , 2014, 120, 1229-1237.	0.9	94
3	Bypass Surgery for the Treatment of Dolichoectatic Basilar Trunk Aneurysms. <i>Neurosurgery</i> , 2016, 79, 83-99.	0.6	82
4	Surgical assessment of the insula. Part 2: validation of the Berger-Sanai zone classification system for predicting extent of glioma resection. <i>Journal of Neurosurgery</i> , 2016, 124, 482-488.	0.9	65
5	Surgical assessment of the insula. Part 1: surgical anatomy and morphometric analysis of the transylvian and transcortical approaches to the insula. <i>Journal of Neurosurgery</i> , 2016, 124, 469-481.	0.9	64
6	Comparative Analysis of the Transcranial "Far Lateral" and Endoscopic Endonasal "Far Medial" Approaches: Surgical Anatomy and Clinical Illustration. <i>World Neurosurgery</i> , 2014, 81, 385-396.	0.7	60
7	Assessment of the Endoscopic Endonasal Transclival Approach for Surgical Clipping of Anterior Pontine Anterior-Inferior Cerebellar Artery Aneurysms. <i>World Neurosurgery</i> , 2016, 89, 368-375.	0.7	25
8	Surgical Technique for High-Flow Internal Maxillary Artery to Middle Cerebral Artery Bypass Using a Superficial Temporal Artery Interposition Graft. <i>Operative Neurosurgery</i> , 2017, 13, 246-257.	0.4	23
9	Transfer of Learning from Practicing Microvascular Anastomosis on Silastic Tubes to Rat Abdominal Aorta. <i>World Neurosurgery</i> , 2017, 108, 230-235.	0.7	21
10	Indirect and direct revascularization of ACTA2 cerebral arteriopathy: feasibility of the superficial temporal artery to anterior cerebral artery bypass with posterior auricular artery interposition graft: case report. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 18, 339-343.	0.8	19
11	Anterior clinoidectomy using an extradural and intradural 2-step hybrid technique. <i>Journal of Neurosurgery</i> , 2018, 130, 238-247.	0.9	18
12	Combined Endoscopic Transoral and Endonasal Approach to the Jugular Foramen: A Multiportal Expanded Access to the Clivus. <i>World Neurosurgery</i> , 2016, 95, 62-70.	0.7	17
13	The Lateral Triangle of the Middle Fossa. <i>Operative Neurosurgery</i> , 2016, 12, 106-111.	0.4	17
14	The artery of Wollschlaeger and Wollschlaeger: an anatomical-clinical illustration. <i>British Journal of Neurosurgery</i> , 2017, 31, 593-595.	0.4	16
15	Management of Planum/Olfactory Meningiomas: Predicting Symptoms and Postoperative Complications. <i>World Neurosurgery</i> , 2014, 82, 1216-1223.	0.7	15
16	Posterior inferior cerebellar artery reimplantation: buffer lengths, perforator anatomy, and technical limitations. <i>Journal of Neurosurgery</i> , 2016, 125, 909-914.	0.9	15
17	The endonasal endoscopic harvest and anatomy of the buccal fat pad flap for closure of skull base defects. <i>Laryngoscope</i> , 2015, 125, 2247-2252.	1.1	13
18	Hearing Preservation During Anterior Petrosectomy: The "Cochlear Safety Line". <i>World Neurosurgery</i> , 2017, 99, 618-622.	0.7	13

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19	Preserving the Facial Nerve During Orbitozygomatic Craniotomy: Surgical Anatomy Assessment and Stepwise Illustration. <i>World Neurosurgery</i> , 2017, 105, 359-368.	0.7	13
20	Minimally Invasive Exposure of the Maxillary Artery at the Anteromedial Infratemporal Fossa. <i>Operative Neurosurgery</i> , 2019, 16, 79-85.	0.4	13
21	Microsurgical Bypass Training Rat Model: Part 2 "Anastomosis Configurations. <i>World Neurosurgery</i> , 2017, 107, 935-943.	0.7	12
22	Internal Maxillary Artery to Upper Posterior Circulation Bypass Using a Superficial Temporal Artery Graft: Surgical Anatomy and Feasibility Assessment. <i>World Neurosurgery</i> , 2017, 107, 314-321.	0.7	12
23	Internal Maxillary Artery to Anterior Circulation Bypass with Local Interposition Grafts Using a Minimally Invasive Approach: Surgical Anatomy and Technical Feasibility. <i>World Neurosurgery</i> , 2018, 120, e503-e510.	0.7	12
24	Energy harvesting from cerebrospinal fluid pressure fluctuations for self-powered neural implants. <i>Biomedical Microdevices</i> , 2017, 19, 32.	1.4	11
25	Comparative Analysis of Orbitozygomatic and Subtemporal Approaches to the Basilar Apex: A Cadaveric Study. <i>World Neurosurgery</i> , 2018, 119, e607-e616.	0.7	11
26	Anatomical Triangles for Use in Skull Base Surgery: A Comprehensive Review. <i>World Neurosurgery</i> , 2022, 164, 79-92.	0.7	11
27	The Onodi Cell: An Anatomic Illustration. <i>World Neurosurgery</i> , 2017, 103, 950.e5-950.e6.	0.7	10
28	Anterior Temporal Artery-to-Anterior Cerebral Artery Bypass: Anatomic Feasibility of a Novel Intracranial-Intracranial Revascularization Technique. <i>World Neurosurgery</i> , 2017, 99, 667-673.	0.7	10
29	Microsurgical Bypass Training Rat Model, Part 1: Technical Nuances of Exposure of the Aorta and Iliac Arteries. <i>World Neurosurgery</i> , 2017, 107, 925-934.	0.7	10
30	Contralateral Transfalcine Versus Ipsilateral Anterior Interhemispheric Approach for Midline Arteriovenous Malformations: Surgical and Anatomical Assessment. <i>World Neurosurgery</i> , 2018, 119, e1041-e1051.	0.7	10
31	Meeting the Unmet Need: Training General Surgeons to Perform Life-Saving Neurosurgical Procedures in Low-Resource Settings. <i>World Neurosurgery</i> , 2016, 93, 474.	0.7	9
32	Three-Dimensional Imaging in Neurosurgical Research and Education. <i>World Neurosurgery</i> , 2016, 91, 317-325.	0.7	9
33	Management of Small Incidental Intracranial Aneurysms. <i>Neurosurgery Clinics of North America</i> , 2017, 28, 389-396.	0.8	9
34	The Middle Temporal Artery: Surgical Anatomy and Exposure for Cerebral Revascularization. <i>World Neurosurgery</i> , 2018, 110, e79-e83.	0.7	8
35	The pterygoclival ligament: a novel landmark for localization of the internal carotid artery during the endoscopic endonasal approach. <i>Journal of Neurosurgery</i> , 2019, 130, 1699-1709.	0.9	8
36	Revascularization of the Posterior Inferior Cerebellar Artery Using the Occipital Artery: A Cadaveric Study Comparing the p3 and p1 Recipient Sites. <i>Operative Neurosurgery</i> , 2020, 19, E122-E129.	0.4	8

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37	The Infrazygomatic Segment of the Superficial Temporal Artery: Anatomy and Technique for Harvesting a Better Interposition Graft. <i>Operative Neurosurgery</i> , 2017, 13, 517-521.	0.4	7
38	Sequential Extradural Release of the V3 Vertebral Artery to Facilitate Intradural V4 Vertebral Artery Reanastomosis: Feasibility of a Novel Revascularization Technique. <i>Operative Neurosurgery</i> , 2017, 13, 345-351.	0.4	7
39	Assessment of the endoscopic endonasal approach to the basilar apex region for aneurysm clipping. <i>Journal of Neurosurgery</i> , 2019, 130, 1937-1948.	0.9	7
40	Microvascular Anastomosis: Proposition of a Learning Curve. <i>Operative Neurosurgery</i> , 2019, 16, 211-216.	0.4	7
41	Eponyms in Vascular Neurosurgery: Comprehensive Review of 11 Arteries. <i>World Neurosurgery</i> , 2021, 151, 249-257.	0.7	7
42	Dual Origin of Extradural Posterior Inferior Cerebellar Artery From Vertebral and Occipital Arteries. <i>Operative Neurosurgery</i> , 2015, 11, 564-568.	0.4	6
43	Early Localization of the Third Segment of the Vertebral Artery. <i>Operative Neurosurgery</i> , 2016, 12, 350-359.	0.4	6
44	Exposure of the External Carotid Artery Through the Posterior Triangle of the Neck: A Novel Approach to Facilitate Bypass Procedures to the Posterior Cerebral Circulation. <i>Operative Neurosurgery</i> , 2017, 13, 374-381.	0.4	6
45	The Endoscopic Endonasal Transmaxillary Approach to Meckel's Cave Through the Inferior Orbital Fissure. <i>Operative Neurosurgery</i> , 2017, 13, 367-373.	0.4	6
46	Internal Maxillary Artery to M2 Middle Cerebral Artery Bypass With Modified Superficial Temporal Artery Graft: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2017, 13, 280-280.	0.4	6
47	An Anatomical Feasibility Study for Revascularization of the Ophthalmic Artery. Part II: Intraorbital Segment. <i>World Neurosurgery</i> , 2020, 133, 401-408.	0.7	6
48	Arachnoid and dural reflections. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2020, 169, 17-54.	1.0	6
49	Topographic Surgical Anatomy of the Parasylvian Anterior Temporal Artery for Intracranial-Intracranial Bypass. <i>World Neurosurgery</i> , 2016, 93, 67-72.	0.7	5
50	Assessment of the Temporopolar Artery as a Donor Artery for Intracranial-Intracranial Bypass to the Middle Cerebral Artery: Anatomic Feasibility Study. <i>World Neurosurgery</i> , 2017, 104, 171-179.	0.7	5
51	V3 Vertebral Artery to M2 Middle Cerebral Artery Bypass. <i>Operative Neurosurgery</i> , 2016, 12, 194.	0.4	4
52	“To Operate” Versus “Not to Operate” in Low-Resource Settings: Example of Aneurysm Surgery in Rural Iran and Impact of Mastery of Neurosurgical Anatomy. <i>World Neurosurgery</i> , 2017, 100, 628-631.	0.7	4
53	Facial Nerve Preservation for Supraorbital Approaches: Anatomical Mapping Based on Consistent Landmarks. <i>Operative Neurosurgery</i> , 2020, 18, 52-59.	0.4	4
54	Combined Endonasal-Transcervical Approach to a Metastatic Parapharyngeal Space Papillary Thyroid Carcinoma. <i>Cureus</i> , 2015, 7, e285.	0.2	4

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55	Microsurgical Clipping of an Unruptured Carotid Cave Aneurysm: 3-Dimensional Operative Video. <i>World Neurosurgery</i> , 2017, 104, 1045.e3.	0.7	3
56	Contralateral Approach to Middle Cerebral Artery Aneurysms: An Anatomical-Clinical Analysis to Improve Patient Selection. <i>World Neurosurgery</i> , 2018, 109, e274-e280.	0.7	3
57	Endoscopic Transanterior Middle Temporal Approach to the Atrium—An Anatomical Feasibility Study. <i>World Neurosurgery</i> , 2019, 128, e98-e106.	0.7	3
58	An Anatomic Feasibility Study for Revascularization of the Ophthalmic Artery, Part I: Intracanalicular Segment. <i>World Neurosurgery</i> , 2020, 133, e893-e901.	0.7	3
59	Venous anatomy of the supratentorial compartment. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2020, 169, 55-71.	1.0	3
60	Thrombectomy and Clip Occlusion of a Giant, Stent-Coiled Basilar Bifurcation Aneurysm: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 21, E117-E118.	0.4	3
61	Contralateral transcallosal resection of a ventricular body arteriovenous malformation: 3D operative video. <i>Neurosurgical Focus</i> , 2017, 43, V1.	1.0	2
62	The Endoscopic Buccal Fat Pad Flap for Closure of Skull Base Defects: A Report of 5 Cases. <i>World Neurosurgery</i> , 2018, 110, e42-e45.	0.7	2
63	Anatomical Assessment of the Temporopolar Artery for Revascularization of Deep Recipients. <i>Operative Neurosurgery</i> , 2019, 16, 335-344.	0.4	2
64	In Reply: Minimally Invasive Exposure of the Maxillary Artery at the Anteromedial Infratemporal Fossa. <i>Operative Neurosurgery</i> , 2019, 16, E111-E112.	0.4	2
65	Microsurgical Clipping of a Superior Hypophyseal Artery Aneurysm: Part 1: Intradural Anterior Clinoidectomy: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2015, 11, 358-358.	0.4	1
66	Microsurgical Clipping of a Superior Hypophyseal Artery Aneurysm. <i>Neurosurgery</i> , 2015, 11, 359.	0.6	1
67	Aneurysm Transection and Intra-aneurysmal Clipping of a Giant Ophthalmic Artery Aneurysm: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2015, 11, 575-576.	0.4	1
68	Microsurgical Clipping of Bilateral Superior Hypophyseal Artery Aneurysms Through Unilateral Pterional Craniotomy. <i>Operative Neurosurgery</i> , 2016, 12, 193-193.	0.4	1
69	In Reply to the Letter to the Editor “Feasibility of Using a Superficial Temporal Artery Graft in Internal Maxillary Artery Bypass” <i>World Neurosurgery</i> , 2017, 108, 973-974.	0.7	1
70	Eponyms in Vascular Neurosurgery: Comprehensive Review of 18 Veins. <i>World Neurosurgery</i> , 2021, 151, 190-200.	0.7	1
71	A Superior Cerebellar Convexity Two-Part Craniotomy to Access the Paramedian Supra and Infratentorial Space: Technical Note. <i>Cureus</i> , 2016, 8, e664.	0.2	1
72	Letter to the Editor Regarding “Contralateral, Transfalcine Approach to Mesial Frontoparietal Region and Cingulate Gyrus: Cadaveric Feasibility Study” <i>World Neurosurgery</i> , 2019, 130, 573.	0.7	0

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73	Endoscope Image Capture System with Mirrorless Camera. Journal of Neurological Surgery, Part B: Skull Base, 2019, 80, 079-081.	0.4	0
74	In Reply to the Letter to the Editor Regarding "Eponyms in Vascular Neurosurgery: Comprehensive Review of 11 Arteries" World Neurosurgery, 2021, 151, 316-317.	0.7	0