

Mahmoud Messerer

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

1,825
citations

361413

20
h-index

289244

40
g-index

91
all docs

91
docs citations

91
times ranked

2308
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasonography of optic nerve sheath diameter for detection of raised intracranial pressure: a systematic review and meta-analysis. <i>Intensive Care Medicine</i> , 2011, 37, 1059-1068.	8.2	448
2	Cerebral metabolic effects of exogenous lactate supplementation on the injured human brain. <i>Intensive Care Medicine</i> , 2014, 40, 412-421.	8.2	151
3	Evidence of improved surgical outcome following endoscopy for nonfunctioning pituitary adenoma removal. <i>Neurosurgical Focus</i> , 2011, 30, E11.	2.3	126
4	Quantitative pupillometry for the monitoring of intracranial hypertension in patients with severe traumatic brain injury. <i>Critical Care</i> , 2019, 23, 155.	5.8	94
5	Cerebral Extracellular Lactate Increase is Predominantly Nonischemic in Patients with Severe Traumatic Brain Injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1815-1822.	4.3	75
6	Surgical management for large vestibular schwannomas: a systematic review, meta-analysis, and consensus statement on behalf of the EANS skull base section. <i>Acta Neurochirurgica</i> , 2020, 162, 2595-2617.	1.7	51
7	Surgical management of craniopharyngiomas in adult patients: a systematic review and consensus statement on behalf of the EANS skull base section. <i>Acta Neurochirurgica</i> , 2020, 162, 1159-1177.	1.7	49
8	To Look Beyond Vasospasm in Aneurysmal Subarachnoid Haemorrhage. <i>BioMed Research International</i> , 2014, 2014, 1-14.	1.9	41
9	Percutaneous biopsy of lesions in the cavernous sinus region through the foramen ovale: diagnostic accuracy and limits in 50 patients. <i>Journal of Neurosurgery</i> , 2012, 116, 390-398.	1.6	40
10	Individual patient data systematic review and meta-analysis of optic nerve sheath diameter ultrasonography for detecting raised intracranial pressure: protocol of the ONSD research group. <i>Systematic Reviews</i> , 2013, 2, 62.	5.3	38
11	Transoral Protrusion of a Peritoneal Catheter: A Rare Complication of Ventriculoperitoneal Shunt. <i>Pediatric Neurosurgery</i> , 2008, 44, 169-171.	0.7	37
12	Gangliocytomas of the sellar region: A challenging diagnosis. <i>Clinical Neurology and Neurosurgery</i> , 2016, 149, 122-135.	1.4	37
13	Sports-related chronic repetitive head trauma as a cause of pituitary dysfunction. <i>Neurosurgical Focus</i> , 2011, 31, E2.	2.3	36
14	Thyrotropin-secreting pituitary adenomas: a systematic review and meta-analysis of postoperative outcomes and management. <i>Pituitary</i> , 2019, 22, 79-88.	2.9	36
15	Surgical management of Tuberculum sellae Meningiomas: Myths, facts, and controversies. <i>Acta Neurochirurgica</i> , 2020, 162, 631-640.	1.7	32
16	Surgery for Clinoidal Meningiomas: Case Series and Meta-Analysis of Outcomes and Complications. <i>World Neurosurgery</i> , 2019, 129, e700-e717.	1.3	31
17	Spinal epidural hematoma. <i>European Journal of Emergency Medicine</i> , 2012, 19, 2-8.	1.1	30
18	The Endoscopic Endonasal Approach to the Meckel's Cave Tumors: Surgical Technique and Indications. <i>World Neurosurgery</i> , 2014, 82, S155-S161.	1.3	28

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19	Cisternostomy for Refractory Posttraumatic Intracranial Hypertension. <i>World Neurosurgery</i> , 2018, 109, 460-463.	1.3	28
20	Non-functioning pituitary macro-incidentomas benefit from early surgery before becoming symptomatic. <i>Clinical Neurology and Neurosurgery</i> , 2013, 115, 2514-2520.	1.4	25
21	The Role of Mifepristone in Meningiomas Management: A Systematic Review of the Literature. <i>BioMed Research International</i> , 2015, 2015, 1-11.	1.9	22
22	Implementation of cisternostomy as adjuvant to decompressive craniectomy for the management of severe brain trauma. <i>Acta Neurochirurgica</i> , 2020, 162, 469-479.	1.7	22
23	Current Perspectives in the Surgical Treatment of Severe Traumatic Brain Injury. <i>World Neurosurgery</i> , 2018, 116, 322-328.	1.3	19
24	Occam's razor in minimally invasive pituitary surgery: tailoring the endoscopic endonasal uninostril trans-sphenoidal approach to sella turcica. <i>Acta Neurochirurgica</i> , 2012, 154, 2257-2265.	1.7	18
25	Disease heterogeneity in IgG4-related hypophysitis: report of two histopathologically proven cases and review of the literature. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2019, 475, 373-381.	2.8	17
26	The Changing Paradigm for the Surgical Treatment of Large Vestibular Schwannomas. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2018, 79, S362-S370.	0.8	15
27	Early Perfusion Computed Tomography Scan for Prediction of Vasospasm and Delayed Cerebral Ischemia After Aneurysmal Subarachnoid Hemorrhage. <i>World Neurosurgery</i> , 2019, 130, e743-e752.	1.3	15
28	Extreme Lateral Supracerebellar Infratentorial Approach: Surgical Anatomy and Review of the Literature. <i>World Neurosurgery</i> , 2021, 147, 89-104.	1.3	15
29	Cruveilhier's legacy to skull base surgery: Premise of an evidence-based neuropathology in the 19th century. <i>Clinical Neurology and Neurosurgery</i> , 2013, 115, 702-707.	1.4	14
30	Comprehensive Evaluation of Rare Pituitary Lesions: A Single Tertiary Care Pituitary Center Experience and Review of the Literature. <i>Endocrine Pathology</i> , 2019, 30, 219-236.	9.0	14
31	Non-Ischemic Cerebral Energy Dysfunction at the Early Brain Injury Phase following Aneurysmal Subarachnoid Hemorrhage. <i>Frontiers in Neurology</i> , 2017, 8, 325.	2.4	13
32	Long-term outcome of surgical treatment of Chiari malformation without syringomyelia. <i>Journal of Neurosurgical Sciences</i> , 2020, 64, 364-368.	0.6	13
33	Surgical management of anterior clinoidal meningiomas: consensus statement on behalf of the EANS skull base section. <i>Acta Neurochirurgica</i> , 2021, 163, 3387-3400.	1.7	12
34	Hearing Loss Attributable to a Cerebellopontine-Angle Arachnoid Cyst in a Child. <i>Pediatric Neurosurgery</i> , 2009, 45, 214-219.	0.7	11
35	Ruptured PICA aneurysms: presentation and treatment outcomes compared to other posterior circulation aneurysms. A Swiss SOS study. <i>Acta Neurochirurgica</i> , 2019, 161, 1325-1334.	1.7	10
36	Complete spontaneous thrombosis in unruptured non-giant intracranial aneurysms: A case report and systematic review. <i>Clinical Neurology and Neurosurgery</i> , 2021, 200, 106319.	1.4	10

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37	Management of cavernous sinus meningiomas: Consensus statement on behalf of the EANS skull base section. <i>Brain and Spine</i> , 2022, 2, 100864.	0.1	10
38	Aggressive pituitary neuroendocrine tumors: current practices, controversies, and perspectives, on behalf of the EANS skull base section. <i>Acta Neurochirurgica</i> , 2021, 163, 3131-3142.	1.7	9
39	Thrombolysis for non-traumatic intra-ventricular hemorrhage in adults: a critical reappraisal. <i>Minerva Anestesiologica</i> , 2017, 83, 982-993.	1.0	8
40	Ruptured posterior circulation aneurysms: epidemiology, patterns of care, and outcomes from the Swiss SOS national registry. <i>Acta Neurochirurgica</i> , 2019, 161, 769-779.	1.7	8
41	Endoscopic Endonasal Trans-sphenoidal Approach: Minimally Invasive Surgery for Pituitary Adenomas. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	7
42	Carotid-Cavernous Fistula After Transsphenoidal Surgery: A Rare but Challenging Complication. <i>World Neurosurgery</i> , 2020, 134, 221-227.	1.3	7
43	Radiological evolution of autograft fat used for skull base reconstruction after transsphenoidal surgery for pituitary adenomas. <i>Pituitary</i> , 2022, 25, 468-473.	2.9	7
44	Surgical outcome of tuberculum sellae and planum sphenoidale meningiomas based on Sekhar-Mortazavi Tumor Classification. <i>Journal of Neurosurgical Sciences</i> , 2021, 65, 190-199.	0.6	6
45	Management of non-vestibular schwannomas in adult patients: a systematic review and consensus statement on behalf of the EANS skull base section Part II: Trigeminal and facial nerve schwannomas (CN V, VII). <i>Acta Neurochirurgica</i> , 2022, 164, 299-319.	1.7	6
46	Pituitary surgery: legacies from the past. <i>Acta Neurochirurgica</i> , 2011, 153, 2397-2402.	1.7	5
47	Sphenoid Mucocele with Intracranial Extension: An Anatomic Perspective. <i>World Neurosurgery</i> , 2018, 113, 40-46.	1.3	5
48	Management of non-vestibular schwannomas in adult patients: a systematic review and consensus statement on behalf of the EANS skull base section Part III: Lower cranial nerve schwannomas, jugular foramen (CN IX, X, XI) and hypoglossal schwannoma (XII). <i>Acta Neurochirurgica</i> , 2022, 164, 321-329.	1.7	5
49	Unusual Association Between Spontaneous Lateral Sphenoid Encephalocele and Chiari Malformation Type I: Endoscopic Repair Through a Transpterygoid Approach. <i>World Neurosurgery</i> , 2017, 97, 759.e17-759.e21.	1.3	4
50	An exceptional presentation of pituitary apoplexy: A case report. <i>Oncology Letters</i> , 2018, 16, 643-647.	1.8	4
51	Less Dogmatic Approach to Severe Traumatic Brain Injury. <i>World Neurosurgery</i> , 2018, 112, 313-314.	1.3	4
52	Spinal angioliipomas in pregnancy: Natural history and surgical treatment. <i>Clinical Neurology and Neurosurgery</i> , 2019, 178, 25-30.	1.4	4
53	Endoscopic Interhemispheric Disconnection for Intractable Multifocal Epilepsy: Surgical Technique and Functional Neuroanatomy. <i>Operative Neurosurgery</i> , 2019, 18, 145-157.	0.8	4
54	Letter to the Editor Regarding: "Middle Meningeal Artery Embolization for Chronic Subdural Hematoma: Meta-Analysis and Systematic Review". <i>World Neurosurgery</i> , 2019, 124, 480-481.	1.3	4

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55	No doubt: the invasion of the cavernous sinus is the limiting factor for complete resection in pituitary adenomas. <i>Acta Neurochirurgica</i> , 2019, 161, 717-718.	1.7	4
56	State of the art in managing nontraumatic intracerebral hemorrhage. <i>Neurosurgical Focus</i> , 2011, 30, E22.	2.3	3
57	Letter to the editor. <i>Current Medical Research and Opinion</i> , 2012, 28, 1571-1573.	1.9	3
58	Unilateral prefrontal lobotomy for epilepsy: technique and surgical anatomy. <i>Neurosurgical Focus</i> , 2020, 48, E10.	2.3	3
59	A Multicentric European Clinical Study on Custom-Made Porous Hydroxyapatite Cranioplasty in a Pediatric Population. <i>Frontiers in Surgery</i> , 2022, 9, 848620.	1.4	3
60	Meta-analysis of diagnostic test accuracy in neurosurgical practice. <i>Neurosurgical Focus</i> , 2012, 33, E5.	2.3	2
61	In Reply to "œls Neurosurgery Ready for Cisternostomy in Traumatic Brain Injuries?" <i>World Neurosurgery</i> , 2018, 111, 428.	1.3	2
62	Combined modalities of surgery, radiotherapy, radiosurgery and chemotherapy for invasive pituitary carcinoma. <i>Annales D'Endocrinologie</i> , 2018, 79, 82-85.	1.4	2
63	Minimally invasive resection of a lumbar extradural schwannoma: how I do it. <i>Acta Neurochirurgica</i> , 2019, 161, 2365-2368.	1.7	2
64	Management of non-vestibular schwannomas in adult patients: a systematic review and consensus statement on behalf of the EANS skull base section. Part I: oculomotor and other rare non-vestibular schwannomas (I, II, III, IV, VI). <i>Acta Neurochirurgica</i> , 2022, 164, 285-297.	1.7	2
65	Endoscope-Assisted Extreme Lateral Supracerebellar Infratentorial Approach for Resection of Superior Cerebellar Peduncle Pilocytic Astrocytoma: Technical Note. <i>Children</i> , 2022, 9, 640.	1.5	2
66	Direct cochlear nerve stimulation monitoring through evoked muscle responses during retrosigmoid vestibular schwannoma resection surgery: technical note. <i>Journal of Neurosurgery</i> , 2023, 138, 399-404.	1.6	2
67	Letter to the Editor: Optic nerve sheath diameter and intracranial pressure. <i>Journal of Neurosurgery: Pediatrics</i> , 2012, 9, 570-571.	1.3	1
68	Letter to the Editor: Knosp Grades 2-3 nonfunctioning pituitary adenomas. <i>Journal of Neurosurgery</i> , 2015, 122, 986-988.	1.6	1
69	Cerebral palsy and Adeli method: is it worth a try?. <i>Child's Nervous System</i> , 2017, 33, 1441-1443.	1.1	1
70	Obstructive Hydrocephalus in Newborn Due to Cerebral Atrium Diverticulum Formation: Complete Resolution After Subdural Hematoma Evacuation. <i>World Neurosurgery</i> , 2018, 115, 338-340.	1.3	1
71	Cannabinoid-induced alteration of motor-evoked potentials (MEPs) prior to intradural spinal tumor removal: a nasty surprise. <i>Child's Nervous System</i> , 2018, 34, 1287-1289.	1.1	1
72	Contribution of Glymphatic System in Pathogenesis of Secondary Brain Injury and Its Modulation. <i>World Neurosurgery</i> , 2018, 117, 473-474.	1.3	1

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73	Letter: Predictive Factors of Surgical Outcome in Frontal Lobe Epilepsy Explored With Stereoelectroencephalography. <i>Neurosurgery</i> , 2019, 85, E789-E789.	1.1	1
74	Letter to the Editor Regarding "Treatment Strategy for Tuberculum Sellae Meningiomas Based on Preoperative Radiologic Assessment" <i>World Neurosurgery</i> , 2019, 125, 539-540.	1.3	1
75	Endoscopic approach for a delayed post-traumatic ethmoidal mucocele: a technical note. <i>British Journal of Neurosurgery</i> , 2019, 33, 107-109.	0.8	1
76	Cervical posterior foraminotomy: how i do it. <i>Acta Neurochirurgica</i> , 2020, 162, 675-678.	1.7	1
77	Midline spinous process splitting laminoplasty in a newborn with thoracolumbar epidural hematoma: a bone-sparing procedure based on anatomy and embryology. <i>Child's Nervous System</i> , 2020, 36, 3103-3108.	1.1	1
78	Anterior peri-insular quadrantotomy: a cadaveric white matter dissection study. <i>Journal of Neurosurgery: Pediatrics</i> , 2020, 25, 331-339.	1.3	1
79	Cadaveric White Matter Dissection Study of the Telencephalic Flexure: Surgical Implications. <i>Frontiers in Neurology</i> , 2022, 13, 757757.	2.4	1
80	Diagnosis of childhood astrocytomas. <i>Expert Opinion on Medical Diagnostics</i> , 2009, 3, 501-522.	1.6	0
81	Letter to the Editor: Cerebellopontine angle cyst. <i>Journal of Neurosurgery: Pediatrics</i> , 2011, 8, 335.	1.3	0
82	Thirty-day outcome in pediatric epilepsy surgery. <i>Child's Nervous System</i> , 2018, 34, 589-590.	1.1	0
83	In Reply to "Cisternostomy: Surgical Alternative for Patients with Refractory Posttraumatic Intracranial Hypertension" <i>World Neurosurgery</i> , 2018, 110, 508.	1.3	0
84	Letter to the Editor. Surgery for pediatric thalamic tumors: using DTI to improve neurological outcome. <i>Journal of Neurosurgery: Pediatrics</i> , 2018, 22, 716-718.	1.3	0
85	Clinical Reasoning: Rapidly progressive gait disorder and cranial nerves involvement in a 9-year-old boy. <i>Neurology</i> , 2020, 94, e330-e334.	1.1	0
86	Open third ventriculostomy in children: an alternate surgical strategy to ETV. <i>Child's Nervous System</i> , 2020, 36, 1583-1584.	1.1	0
87	Thoracic Intramedullary (Anterolateral) Cavernoma. <i>World Neurosurgery</i> , 2020, 138, 59-60.	1.3	0
88	Pineal granuloma masking a germinoma: do not hesitate to repeat the biopsy. <i>Journal of Neurosurgical Sciences</i> , 2018, 62, 228-229.	0.6	0