Eric Suero Molina

List of Publications by Year
in descending order

52 papers	896 citations	566801 15 h-index	525886 27 g-index
55 all docs	55 docs citations	55 times ranked	1070 citing authors

#	Article	IF	Citations
1	The Simpson grading in meningioma surgery: does the tumor location influence the prognostic value?. Journal of Neuro-Oncology, 2017, 133, 641-651.	1.4	84
2	Simultaneous fluorescein sodium and 5-ALA in fluorescence-guided glioma surgery. Acta Neurochirurgica, 2015, 157, 877-879.	0.9	65
3	Fluorescence Imaging/Agents in Tumor Resection. Neurosurgery Clinics of North America, 2017, 28, 569-583.	0.8	62
4	When the Infection Hits the Wound: Matched Case-Control Study in a Neurosurgical Patient Collective Including Systematic Literature Review and Risk Factors Analysis. World Neurosurgery, 2016, 95, 178-189.	0.7	60
5	Dual-labeling with 5â€“aminolevulinic acid and fluorescein for fluorescence-guided resection of high-grade gliomas: technical note. Journal of Neurosurgery, 2018, 128, 399-405.	0.9	54
6	Combination of ALA-induced fluorescence-guided resection and intraoperative open photodynamic therapy for recurrent glioblastoma: case series on a promising dual strategy for local tumor control. Journal of Neurosurgery, 2021, 134, 426-436.	0.9	53
7	Fluorescence-Based Measurement of Real-Time Kinetics of Protoporphyrin IX After 5-Aminolevulinic Acid Administration in Human In Situ Malignant Gliomas. Neurosurgery, 2019, 85, E739-E746.	0.6	41
8	Conscious sedation with dexmedetomidine compared with asleep-awake-asleep craniotomies in glioma surgery: an analysis of 180 patients. Journal of Neurosurgery, 2018, 129, 1223-1230.	0.9	39
9	Maximizing safe resections: the roles of 5-aminolevulinic acid and intraoperative MR imaging in glioma surgeryâ€”review of the literature. Neurosurgical Review, 2019, 42, 197-208.	1.2	38
10	Quality Indicators in Cranial Neurosurgery: Which Are Presently Substantiated? A Systematic Review. World Neurosurgery, 2017, 104, 104-112.	0.7	25
11	Surgical Adjuncts to Increase the Extent of Resection. Neurosurgery Clinics of North America, 2019, 30, 65-74.	0.8	22
12	Validating a new generation filter system for visualizing 5-ALA-induced PpIX fluorescence in malignant glioma surgery: a proof of principle study. Acta Neurochirurgica, 2020, 162, 785-793.	0.9	20
13	Intraoperative fluorescence diagnosis in the brain: a systematic review and suggestions for future standards on reporting diagnostic accuracy and clinical utility. Acta Neurochirurgica, 2019, 161, 2083-2098.	0.9	19
14	Cerebrospinal fluid leakage in Gorham-Stout disease due to dura mater involvement after progression of an osteolytic lesion in the thoracic spine. Journal of Neurosurgery: Spine, 2014, 21, 956-960.	0.9	18
15	5-Aminolevulinic Acid-Induced Porphyrin Contents in Various Brain Tumors: Implications Regarding Imaging Device Design and Their Validation. Neurosurgery, 2021, 89, 1132-1140.	0.6	17
16	Where and When to Cut? Fluorescein Guidance for Brain Stem and Spinal Cord Tumor Surgeryâ€”Technical Note. Operative Neurosurgery, 2018, 15, 325-331.	0.4	16
17	Establishing risk-adjusted quality indicators in surgery using administrative dataâ€”an example from neurosurgery. Acta Neurochirurgica, 2019, 161, 1057-1065.	0.9	16
18	Aquaporin-4 in glioma and metastatic tissues harboring 5-aminolevulinic acid-induced porphyrin fluorescence. Clinical Neurology and Neurosurgery, 2013, 115, 2075-2081.	0.6	15

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19	Glioma Tissue Obtained by Modern Ultrasonic Aspiration with a Simple Sterile Suction Trap for Primary Cell Culture and Pathological Evaluation. European Surgical Research, 2014, 53, 37-42.	0.6	14
20	Markers for Identifying and Targeting Glioblastoma Cells during Surgery. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2019, 80, 475-487.	0.4	14
21	Somatostatin Receptorâ€“Targeted Radioligand Therapy in Head and Neck Paraganglioma. World Neurosurgery, 2020, 143, e391-e399.	0.7	13
22	Clinical Vasospasm After an Extended Endoscopic Endonasal Approach for Recurrent Pituitary Adenoma: Illustrative Case and Systematic Review of the Literature. World Neurosurgery, 2019, 128, 29-36.	0.7	12
23	The rise of quality indicators in neurosurgery: 30-day unplanned reoperation rate evaluated in 3760 patientsâ€”a single-center experience. Acta Neurochirurgica, 2020, 162, 147-156.	0.9	11
24	Dual labeling with 5-aminolevulinic acid and fluorescein in high-grade glioma surgery with a prototype filter system built into a neurosurgical microscope: technical note. Journal of Neurosurgery, 2020, 132, 1724-1730.	0.9	11
25	Intracavitary radioimmunotherapy of high-grade gliomas: present status and future developments. Acta Neurochirurgica, 2019, 161, 1109-1124.	0.9	10
26	Local Tumor Control and Clinical Symptoms After Gamma Knife Radiosurgery for Residual and Recurrent Vestibular Schwannomas. World Neurosurgery, 2019, 122, e1240-e1246.	0.7	10
27	Risk-assessment in chronic subdural hematoma evaluated in 148 patients - A score for predicting recurrence. Clinical Neurology and Neurosurgery, 2020, 195, 106020.	0.6	10
28	The 30-day readmission rate in neurosurgeryâ€”a useful indicator for quality assessment?. Acta Neurochirurgica, 2020, 162, 2659-2669.	0.9	10
29	Characterization of autofluorescence and quantitative protoporphyrin IX biomarkers for optical spectroscopy-guided glioma surgery. Scientific Reports, 2021, 11, 20009.	1.6	10
30	Real-time in vivo kinetics of protoporphyrin IX after administration of 5-aminolevulinic acid in meningiomas and comparative analyses with glioblastomas. Acta Neurochirurgica, 2020, 162, 2197-2202.	0.9	9
31	Retrospective Comparison of Minimally Invasive and Open Monosegmental Lumbar Fusion, and Impact of Virtual Reality on Surgical Planning and Strategy. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2021, 82, 399-409.	0.4	9
32	Development and validation of prediction scores for nosocomial infections, reoperations, and adverse events in the daily clinical setting of neurosurgical patients with cerebral and spinal tumors. Journal of Neurosurgery, 2021, 134, 1226-1236.	0.9	9
33	Initial psycho-oncological counselling in neuro-oncology: analysis of topics and needs of brain tumour patients. Journal of Neuro-Oncology, 2018, 136, 505-514.	1.4	8
34	Spectroscopic measurement of 5-ALA-induced intracellular protoporphyrin IX in pediatric brain tumors. Acta Neurochirurgica, 2019, 161, 2099-2105.	0.9	8
35	Access to Meckelâ€™s cave for biopsies of indeterminate lesions: a systematic review. Neurosurgical Review, 2021, 44, 249-259.	1.2	8
36	Double dose of 5-aminolevulinic acid and its effect on protoporphyrin IX accumulation in low-grade glioma. Journal of Neurosurgery, 2022, 137, 943-952.	0.9	7

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37	Evaluation of 311 contemporary cases of stereotactic biopsies in patients with neoplastic and non-neoplastic lesionsâ€"diagnostic yield and management of non-diagnostic cases. Neurosurgical Review, 2021, 44, 2597-2609.	1.2	6
38	Fluorescence real-time kinetics of protoporphyrin IX after 5-ALA administration in low-grade glioma. Journal of Neurosurgery, 2021, , 1-7.	0.9	6
39	Development and validation of a triple-LED surgical loupe device for fluorescence-guided resections with 5-ALA. Journal of Neurosurgery, 2022, 137, 582-590.	0.9	6
40	Virtual reality-based evaluation of neurovascular conflict for the surgical planning of microvascular decompression in trigeminal neuralgia patients. Neurosurgical Review, 2021, 44, 3309-3321.	1.2	5
41	Load-Bearing Capacity and Design Advantages of a Custom-Made, Thin Pure-Titanium Cranioplasty (CranioTop). Journal of Craniofacial Surgery, 2021, 32, 1291-1296.	0.3	5
42	Multiprofessional Management of Giant Cell Tumors in the Cervical Spine: A Systematic Review. World Neurosurgery, 2021, 151, 53-60.	0.7	5
43	The difficulty of predicting clinical outcome after intended submaximal resection of large vestibular Schwannomas. Journal of Clinical Neuroscience, 2018, 50, 62-68.	0.8	4
44	Comparison of stand-alone cage and cage-with-plate for monosegmental cervical fusion and impact of virtual reality in evaluating surgical results. Clinical Neurology and Neurosurgery, 2020, 191, 105685.	0.6	4
45	Conventional and advanced imaging throughout the cycle of care of gliomas. Neurosurgical Review, 2021, 44, 2493-2509.	1.2	3
46	Hans Joachim Scherer: an under-recognized pioneer of glioma research in Belgium. Acta Neurologica Belgica, 2021, 121, 867-872.	0.5	1
47	Harvey Cushingâ€™s international visitors. Journal of Neurosurgery, 2020, 135, 205-213.	0.9	1
48	Applicability of contemporary quality indicators in vestibular surgeryâ€"do they accurately measure tumor inherent postoperative complications of vestibular schwannomas?. Acta Neurochirurgica, 2022, 164, 359-372.	0.9	1
49	Letter to the Editor. Sodium fluorescein versus 5-aminolevulinic acid to visualize high-grade gliomas. Journal of Neurosurgery, 2020, 133, 1627-1630.	0.9	1
50	Wound Management and Wound Infections in Neurosurgery. Recent Clinical Techniques, Results, and Research in Wounds, 2018, , 59-69.	0.1	0
51	Optimizing 5-ALA Induced Fluorescence Visualization: Comment Regarding Recent Article on Fluorescence-Based Real-Time Kinetics Protoporphyrin-IX Measurements Article in Neurosurgery. World Neurosurgery, 2019, 128, 391-392.	0.7	0
52	Further Interdisciplinary Considerations. Deutsches Ärzteblatt International, 2021, 118, 510.	0.6	0