

# Sergio Garcia-Garcia

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

235  
citations

1040056

9  
h-index

1125743

13  
g-index

38  
all docs

38  
docs citations

38  
times ranked

317  
citing authors

#	ARTICLE	IF	CITATIONS
1	Advantages and Limitations of Intraoperative Ultrasound Strain Elastography Applied in Brain Tumor Surgery: A Single-Center Experience. <i>Operative Neurosurgery</i> , 2022, 22, 305-314.	0.8	7
2	Brain dural arteriovenous fistulas in the COVID-19 Era: A warning and rationale for association. <i>Clinical Neurology and Neurosurgery</i> , 2022, 220, 107367.	1.4	1
3	Acute changes in diffusion tensor-derived metrics and its correlation with the motor outcome in gliomas adjacent to the corticospinal tract. , 2021, 12, 51.		4
4	Is There a Relationship between the Elasticity of Brain Tumors, Changes in Diffusion Tensor Imaging, and Histological Findings? A Pilot Study Using Intraoperative Ultrasound Elastography. <i>Brain Sciences</i> , 2021, 11, 271.	2.3	7
5	Meningioma Consistency Can Be Defined by Combining the Radiomic Features of Magnetic Resonance Imaging and Ultrasound Elastography. A Pilot Study Using Machine Learning Classifiers. <i>World Neurosurgery</i> , 2021, 146, e1147-e1159.	1.3	24
6	Relationship between the overall survival in glioblastomas and the radiomic features of intraoperative ultrasound: a feasibility study. <i>Journal of Ultrasound</i> , 2021, , 1.	1.3	4
7	Letter to the Editor. Invasive neuromonitoring for poor-grade SAH. <i>Journal of Neurosurgery</i> , 2021, 134, 1679-1680.	1.6	0
8	Deep learning automated pathology in ex vivo microscopy. <i>Biomedical Optics Express</i> , 2021, 12, 3103.	2.9	14
9	Intraoperative magnetic resonance imaging for cerebral cavernous malformations: When is it maybe worth it?. <i>Journal of Clinical Neuroscience</i> , 2021, 89, 85-90.	1.5	1
10	Predicting Short-Term Survival after Gross Total or Near Total Resection in Glioblastomas by Machine Learning-Based Radiomic Analysis of Preoperative MRI. <i>Cancers</i> , 2021, 13, 5047.	3.7	11
11	Facial Nerve Preservation for Supraorbital Approaches: Anatomical Mapping Based on Consistent Landmarks. <i>Operative Neurosurgery</i> , 2020, 18, 52-59.	0.8	4
12	Cost-Effectiveness of Low-Field Intraoperative Magnetic Resonance in Glioma Surgery. <i>Frontiers in Oncology</i> , 2020, 10, 586679.	2.8	8
13	Letter: Hemorrhagic Conditions Affecting the Central Nervous System in COVID-19 Patients. <i>Neurosurgery</i> , 2020, 87, E394-E396.	1.1	8
14	Double hemispheric Microdialysis study in poor-grade SAH patients. <i>Scientific Reports</i> , 2020, 10, 7466.	3.3	18
15	Multinodular and vacuolating neuronal tumor associated with focal cortical dysplasia in a child with refractory epilepsy: a case report and brief review of literature. <i>Child's Nervous System</i> , 2020, 36, 1557-1561.	1.1	8
16	Comparison of Intraoperative Ultrasound B-Mode and Strain Elastography for the Differentiation of Glioblastomas From Solitary Brain Metastases. An Automated Deep Learning Approach for Image Analysis. <i>Frontiers in Oncology</i> , 2020, 10, 590756.	2.8	16
17	Combined Use of 5-Aminolevulinic Acid and Intraoperative Low-Field Magnetic Resonance Imaging in High-Grade Glioma Surgery. <i>World Neurosurgery</i> , 2019, 130, e206-e212.	1.3	8
18	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.	1.3	0

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19	Safety and Feasibility Assessment of the O-Arm as an Intraoperative Angiography Device in Aneurysm Surgery. <i>World Neurosurgery</i> , 2019, 127, e1159-e1165.	1.3	6
20	Quantitative versus qualitative blood amount assessment as a predictor for shunt-dependent hydrocephalus following aneurysmal subarachnoid hemorrhage. <i>Journal of Neurosurgery</i> , 2019, 131, 1743-1750.	1.6	11
21	Presurgical simulation for neuroendoscopic procedures: Virtual study of the integrity of neurological pathways using diffusion tensor imaging tractography. <i>Neurology India</i> , 2019, 67, 763-769.	0.4	1
22	Presurgical simulation for neuroendoscopic procedures: Virtual study of the integrity of neurological pathways using diffusion tensor imaging tractography. <i>Neurology India</i> , 2019, 67, 763.	0.4	1
23	Anterior clinoidectomy using an extradural and intradural 2-step hybrid technique. <i>Journal of Neurosurgery</i> , 2018, 130, 238-247.	1.6	18
24	Letter to the editor regarding "The trans-laminar terminalis approach reduces mortalities associated with chordoid glioma resections: A case report and a review of 20 years of literature". <i>Journal of Clinical Neuroscience</i> , 2018, 52, 166.	1.5	0
25	Contralateral Transfalcine Versus Ipsilateral Anterior Interhemispheric Approach for Midline Arteriovenous Malformations: Surgical and Anatomical Assessment. <i>World Neurosurgery</i> , 2018, 119, e1041-e1051.	1.3	10
26	Cirugía endoscópica endonasal extendida para cordomas y condrosarcomas de clivus: nuestra experiencia en 14 casos. <i>Neurocirugía</i> , 2018, 29, 201-208.	0.4	4
27	Does Low-Field Intraoperative Magnetic Resonance Improve the Results of Endoscopic Pituitary Surgery? Experience of the Implementation of a New Device in a Referral Center. <i>World Neurosurgery</i> , 2017, 102, 102-110.	1.3	16
28	Low field intra-operative magnetic resonance imaging for brain tumour surgery: Preliminary experience. <i>Neurocirugía (English Edition)</i> , 2017, 28, 103-110.	0.2	1
29	Assessment of White Matter Transgression During Neuroendoscopic Procedures Using Diffusion Tensor Image Fiber Tracking. <i>World Neurosurgery</i> , 2017, 99, 232-240.	1.3	7
30	Management in chordoid glioma: Avoiding the pitfalls in this rare and challenging entity. <i>Neurology India</i> , 2017, 65, 808.	0.4	1