

# Francesco Sala

## List of Publications by Year in descending order

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Version: 2024-02-01

76  
papers

2,965  
citations

236925

25  
h-index

168389

53  
g-index

80  
all docs

80  
docs citations

80  
times ranked

2202  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagnosis and treatment of Chiari malformation type 1 in children: the International Consensus Document. <i>Neurological Sciences</i> , 2022, 43, 1311-1326.	1.9	24
2	Reply to "Intraoperative cortico-cortical evoked potentials for monitoring the arcuate fasciculus: Feasible under general anesthesia?" <i>Clinical Neurophysiology</i> , 2022, 133, 177-178.	1.5	3
3	Cauda equina ependymomas: surgical treatment and long-term outcomes in a series of 125 patients. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 452-463.	1.7	3
4	Spinal hemangioblastomas: analysis of surgical outcome and prognostic factors. <i>Neurosurgical Review</i> , 2022, 45, 1645-1661.	2.4	6
5	Surgery vs. Biopsy in the Treatment of Butterfly Glioblastoma: A Systematic Review and Meta-Analysis. <i>Cancers</i> , 2022, 14, 314.	3.7	5
6	Surgery for intramedullary spinal cord ependymomas in the neuromonitoring era: results from a consecutive series of 100 patients. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 858-868.	1.7	13
7	Intraoperative neurophysiology in intramedullary spinal cord tumor surgery. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2022, , 229-244.	1.8	6
8	Mapping and monitoring of tethered cord and cauda equina surgeries. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2022, , 257-270.	1.8	0
9	Long-term motor deficit in brain tumour surgery with preserved intra-operative motor-evoked potentials. <i>Brain Communications</i> , 2021, 3, fcaa226.	3.3	18
10	Feasibility of cerebello-cortical stimulation for intraoperative neurophysiological monitoring of cerebellar mutism. <i>Child's Nervous System</i> , 2021, 37, 1505-1514.	1.1	9
11	Novel Asleep Techniques for Intraoperative Assessment of Brain Connectivity. <i>Frontiers in Neurology</i> , 2021, 12, 687030.	2.4	3
12	Intraoperative neurophysiology in pediatric supratentorial surgery: experience with 57 cases. <i>Child's Nervous System</i> , 2020, 36, 315-324.	1.1	12
13	Intraoperative neurophysiology of the cerebellum: a tabula rasa. <i>Child's Nervous System</i> , 2020, 36, 1181-1186.	1.1	5
14	Selective dorsal rhizotomy: functional anatomy of the conus-cauda and essentials of intraoperative neurophysiology. <i>Child's Nervous System</i> , 2020, 36, 1907-1918.	1.1	1
15	Intraoperative neuromonitoring predicts motor recovery in a long-term hemiplegic patient with a Rolandic metastasis. <i>Clinical Neurophysiology</i> , 2020, 131, 2276-2278.	1.5	1
16	Cortico-cortical connectivity between the superior and inferior parietal lobules and the motor cortex assessed by intraoperative dual cortical stimulation. <i>Brain Stimulation</i> , 2020, 13, 819-831.	1.6	23
17	Intraoperative neurophysiological monitoring in tethered cord surgery. , 2020, , 365-379.		1
18	Surgery of brainstem lesions. , 2020, , 295-308.		2

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19	Intraoperative Neurophysiological Monitoring During Brainstem Surgery. , 2020, , 109-130.		2
20	Intraoperative Neurophysiology During Spine and Spinal Cord Surgery in Children. , 2020, , 3021-3044.		0
21	Intraoperative Neurophysiology During Intracranial Surgery in Children. , 2020, , 2993-3020.		0
22	Surgery of brain tumors asleep. , 2020, , 271-282.		1
23	Intraoperative Neurophysiological Monitoring for Craniovertebral Junction Surgery. Acta Neurochirurgica Supplementum, 2019, 125, 369-380.	1.0	9
24	Is the new ASNM intraoperative neuromonitoring supervision "a guideline" a trustworthy guideline? A commentary. Journal of Clinical Monitoring and Computing, 2019, 33, 185-190.	1.6	3
25	12 Years delayed postoperative spinal recurrence of craniopharyngioma. Case report and literature review. British Journal of Neurosurgery, 2019, 33, 687-689.	0.8	1
26	Intraoperative Neurophysiology During Spine and Spinal Cord Surgery in Children. , 2019, , 1-30.		0
27	Intraoperative identification of the corticospinal tract and dorsal column of the spinal cord by electrical stimulation. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 754-761.	1.9	37
28	Penfield's stimulation for direct cortical motor mapping: An outdated technique?. Clinical Neurophysiology, 2018, 129, 2635-2637.	1.5	4
29	Letter: Guidelines for the use of Electrophysiological Monitoring for Surgery of the Human Spinal Column and Spinal Cord. Neurosurgery, 2018, 83, E82-E84.	1.1	14
30	Communication and collaboration in spine neuromonitoring: time to expect more, a lot more, from the neurophysiologists. Journal of Neurosurgery: Spine, 2017, 27, 1-6.	1.7	33
31	A spotlight on intraoperative neurophysiological monitoring of the lower brainstem. Clinical Neurophysiology, 2017, 128, 1369-1371.	1.5	12
32	Evaluation of the central sleep apnea in asymptomatic children with Chiari 1 malformation: an open question. Child's Nervous System, 2017, 33, 829-832.	1.1	11
33	Medical Error Avoidance in Intraoperative Neurophysiological Monitoring: The Communication Imperative. Journal of Clinical Neurophysiology, 2017, 34, 477-483.	1.7	19
34	Chiari 1 Malformation in a Child with Febrile Seizures, Parasomnias, and Sleep Apnea Syndrome. Case Reports in Pediatrics, 2017, 2017, 1-4.	0.4	2
35	Intraoperative Neurophysiology During Intracranial Surgery in Children. , 2017, , 1-36.		0
36	Intra-operative neurophysiological mapping and monitoring during brain tumour surgery in children: an update. Child's Nervous System, 2016, 32, 1849-1859.	1.1	28

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37	Can triggered electromyography thresholds assure accurate pedicle screw placements? A systematic review and meta-analysis of diagnostic test accuracy. <i>Clinical Neurophysiology</i> , 2015, 126, 2019-2025.	1.5	32
38	Take the A Train. <i>Clinical Neurophysiology</i> , 2015, 126, 1647-1649.	1.5	4
39	Intraoperative neurophysiological monitoring for intradural extramedullary tumors: Why not?. <i>Clinical Neurology and Neurosurgery</i> , 2015, 130, 140-149.	1.4	44
40	Intraoperative neurophysiology in posterior fossa tumor surgery in children. <i>Child's Nervous System</i> , 2015, 31, 1791-1806.	1.1	20
41	Intraoperative Neurophysiological Monitoring in Neurosurgery: Moving the Debate from Evidence and Cost-Effectiveness to Education and Training. <i>World Neurosurgery</i> , 2015, 83, 32-34.	1.3	13
42	Intraoperative Neurophysiological Monitoring in Posterior Fossa Surgery. , 2015, , 239-262.		6
43	Neurophysiology of Complex Spinal Cord Untethering. <i>Journal of Clinical Neurophysiology</i> , 2014, 31, 326-336.	1.7	19
44	Retained medullary cord confirmed by intraoperative neurophysiological mapping. <i>Child's Nervous System</i> , 2014, 30, 1287-1291.	1.1	30
45	Pediatric Optic Nerve Sheath Meningioma. <i>Journal of Neuro-Ophthalmology</i> , 2014, 34, 315-316.	0.8	5
46	Intraoperative neurophysiology in tethered cord surgery: techniques and results. <i>Child's Nervous System</i> , 2013, 29, 1611-1624.	1.1	56
47	Frequency and time-frequency analysis of intraoperative ECoG during awake brain stimulation. <i>Frontiers in Neuroengineering</i> , 2013, 6, 1.	4.8	22
48	Intraoperative Neurophysiology. , 2012, , 30-45.		3
49	Transcranial electrical stimulation and intraoperative neurophysiology of the corticospinal tract. , 2012, , .		1
50	Intraoperative neurophysiological monitoring during surgery for Chiari malformations. <i>Neurological Sciences</i> , 2011, 32, 317-319.	1.9	26
51	The role of repeat endoscopic third ventriculostomy after failure of the initial procedure. <i>Neurology India</i> , 2011, 59, 844.	0.4	2
52	Neurophysiological Monitoring of the Human Spinal Cord Functional Integrity during Surgical Interventions. , 2011, , 200-225.		0
53	Intrauterine head stab wound injury resulting in a growing skull fracture: a case report and literature review. <i>Child's Nervous System</i> , 2010, 26, 377-384.	1.1	18
54	Intraoperative neurophysiology of the motor system in children: a tailored approach. <i>Child's Nervous System</i> , 2010, 26, 473-490.	1.1	86

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55	Intraoperative neurophysiology is here to stay. <i>Child's Nervous System</i> , 2010, 26, 413-417.	1.1	35
56	Surgical treatment of high-grade gliomas in motor areas. The impact of different supportive technologies: a 171-patient series. <i>Journal of Neuro-Oncology</i> , 2010, 100, 417-426.	2.9	59
57	Intraoperative electrical stimulation in awake craniotomy: methodological aspects of current practice. <i>Neurosurgical Focus</i> , 2010, 28, E7.	2.3	296
58	Neurosurgical management of intractable rolandic epilepsy in children: role of resection in eloquent cortex. <i>Journal of Neurosurgery: Pediatrics</i> , 2009, 4, 199-216.	1.3	145
59	Steady-state activation in somatosensory cortex after changes in stimulus rate during median nerve stimulation. <i>Magnetic Resonance Imaging</i> , 2009, 27, 1175-1186.	1.8	23
60	Intraoperative neurophysiological monitoring during surgery for intramedullary spinal cord tumors. <i>Handbook of Clinical Neurophysiology</i> , 2008, , 632-650.	0.0	4
61	Intraoperative neurophysiological monitoring of the spinal cord during spinal cord and spine surgery: A review focus on the corticospinal tracts. <i>Clinical Neurophysiology</i> , 2008, 119, 248-264.	1.5	356
62	Corticospinal tract monitoring with Dâ€™ and lâ€™ waves from the spinal cord and muscle MEPs from limb muscles. <i>Handbook of Clinical Neurophysiology</i> , 2008, , 235-251.	0.0	11
63	Monitoring of motor pathways during brain stem surgery: What we have achieved and what we still miss?. <i>Neurophysiologie Clinique</i> , 2007, 37, 399-406.	2.2	97
64	Cost effectiveness of multimodal intraoperative monitoring during spine surgery. <i>European Spine Journal</i> , 2007, 16, 229-231.	2.2	36
65	Current opinions and recommendations on multimodal intraoperative monitoring during spine surgeries. <i>European Spine Journal</i> , 2007, 16, 232-237.	2.2	84
66	Surgery for intramedullary spinal cord tumors: the role of intraoperative (neurophysiological) monitoring. <i>European Spine Journal</i> , 2007, 16, 130-139.	2.2	180
67	Motor Evoked Potential Monitoring Improves Outcome after Surgery for Intramedullary Spinal Cord Tumors: A Historical Control Study. <i>Neurosurgery</i> , 2006, 58, 1129-1143.	1.1	376
68	Intraoperative neurophysiological monitoring during spine surgery: an update. <i>Current Opinion in Orthopaedics</i> , 2004, 15, 154-158.	0.3	19
69	Intraoperative neurophysiological monitoring in pediatric neurosurgery: why, when, how?. <i>Child's Nervous System</i> , 2002, 18, 264-287.	1.1	196
70	Electrophysiologic monitoring in neurointensive care. <i>Current Opinion in Critical Care</i> , 2001, 7, 74-80.	3.2	23
71	Neuroprotective Role of Neurophysiological Monitoring During Endovascular Procedures in the Spinal Cord. <i>Annals of the New York Academy of Sciences</i> , 2001, 939, 126-136.	3.8	29
72	The Role of Intraoperative Neurophysiology in the Protection or Documentation of Surgically Induced Injury to the Spinal Cord. <i>Annals of the New York Academy of Sciences</i> , 2001, 939, 137-144.	3.8	52

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73	Intraoperative neurophysiological monitoring and mapping during brain stem Surgery: A modern approach. <i>Operative Techniques in Neurosurgery</i> , 2000, 3, 109-113.	0.1	43
74	Embolization of a Spinal Arteriovenous Malformation: Correlation between Motor Evoked Potentials and Angiographic Findings: Technical Case Report. <i>Neurosurgery</i> , 1999, 45, 932-938.	1.1	48
75	Brain Tumors in Children Under 3 Years of Age. <i>Pediatric Neurosurgery</i> , 1999, 31, 16-26.	0.7	25
76	Assessment and Surgical Management of Posterior Fossa Epidermoid Tumors: Report of 28 Cases. <i>Neurosurgery</i> , 1998, 42, 242-251.	1.1	110