

Miran Skrap

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1015911/publications.pdf>

Version: 2024-02-01

129
papers

4,115
citations

109321

35
h-index

138484

58
g-index

130
all docs

130
docs citations

130
times ranked

5255
citing authors

#	ARTICLE	IF	CITATIONS
1	The persistence of seizures after tumor resection negatively affects survival in low-grade glioma patients: a clinical retrospective study. <i>Journal of Neurology</i> , 2022, 269, 2627-2633.	3.6	6
2	Risk Factors of Persistent Hydrocephalus in Children with Brain Tumor: A Retrospective Analysis. <i>Pediatric Neurosurgery</i> , 2021, 56, 205-212.	0.7	9
3	Whatâ€™s behind drawing for an artist with left temporal lobe epilepsy? A multimodal neurophysiological study. <i>Epilepsy and Behavior Reports</i> , 2021, 16, 100418.	1.0	0
4	Risk Assessment by Pre-surgical Tractography in Left Hemisphere Low-Grade Gliomas. <i>Frontiers in Neurology</i> , 2021, 12, 648432.	2.4	4
5	A New Epigenetic Model to Stratify Glioma Patients According to Their Immunosuppressive State. <i>Cells</i> , 2021, 10, 576.	4.1	7
6	Pre-Surgery Cognitive Performance and Voxel-Based Lesion-Symptom Mapping in Patients with Left High-Grade Glioma. <i>Cancers</i> , 2021, 13, 1467.	3.7	5
7	Cognitive reserve protects language functions in patients with brain tumours. <i>Neuropsychologia</i> , 2021, 154, 107769.	1.6	7
8	Multimodal integrated approaches in low grade glioma surgery. <i>Scientific Reports</i> , 2021, 11, 9964.	3.3	14
9	Globus Pallidus Internus Deep Brain Stimulation Using Frame-Based vs. Frameless Stereotaxy in Dystonia: A Single-Center Experience. <i>Frontiers in Neurology</i> , 2021, 12, 643757.	2.4	2
10	Prediction of Speech Onset by Micro-Electrocorticography of the Human Brain. <i>International Journal of Neural Systems</i> , 2021, 31, 2150025.	5.2	6
11	A multimodal approach to the study of children treated for posterior fossa tumor: A review of the literature and a pilot study. <i>Clinical Neurology and Neurosurgery</i> , 2021, 207, 106819.	1.4	1
12	Long-Standing Overt Ventriculomegaly in Adults (LOVA): Diagnostic Aspects, CSF Dynamics with Lumbar Infusion Test and Treatment Options in a Consecutive Series with Long-Term Follow-Up. <i>World Neurosurgery</i> , 2021, 156, e30-e40.	1.3	8
13	Real-Time Neuropsychological Testing Protocol for Left Temporal Brain Tumor Surgery: A Technical Note and Case Report. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 760569.	2.0	4
14	Incidental Low-Grade Gliomas: Single-Institution Management Based on Clinical, Surgical, and Molecular Data. <i>Neurosurgery</i> , 2020, 86, 391-399.	1.1	26
15	Meningioma can lead to pre-operative cognitive alterations even if localized in sensorimotor areas: A multimodal MRI-neuropsychological study in a series of 46 patients. <i>Neuropsychologia</i> , 2020, 137, 107288.	1.6	5
16	Application of an Artificial Intelligence Algorithm to Prognostically Stratify Grade II Gliomas. <i>Cancers</i> , 2020, 12, 50.	3.7	15
17	What do we know about pre- and postoperative plasticity in patients with glioma? A review of neuroimaging and intraoperative mapping studies. <i>NeuroImage: Clinical</i> , 2020, 28, 102435.	2.7	49
18	Heterogeneity Matters: Different Regions of Glioblastoma Are Characterized by Distinctive Tumor-Supporting Pathways. <i>Cancers</i> , 2020, 12, 2960.	3.7	22

#	ARTICLE	IF	CITATIONS
19	Diffuse low grade glioma and pregnancy: Practical considerations and clinical tips. <i>Clinical Neurology and Neurosurgery</i> , 2020, 198, 106110.	1.4	7
20	Intracranial Meningiomas in the Elderly: Clinical, Surgical and Economic Evaluation. A Multicentric Experience. <i>Cancers</i> , 2020, 12, 2685.	3.7	2
21	Phonological and surface dyslexia in individuals with brain tumors: Performance pre- and intra-, immediately post-surgery and at follow-up. <i>Human Brain Mapping</i> , 2020, 41, 5015-5031.	3.6	19
22	Mismatch-Repair Protein Expression in High-Grade Gliomas: A Large Retrospective Multicenter Study. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6716.	4.1	13
23	Relation Between Reading Performance and White-Matter Alteration and Reorganization in Neurosurgical Patients. <i>Frontiers in Neurology</i> , 2020, 11, 563259.	2.4	5
24	The miRNA Content of Exosomes Released from the Glioma Microenvironment Can Affect Malignant Progression. <i>Biomedicines</i> , 2020, 8, 564.	3.2	11
25	Cognitive Functions in Repeated Glioma Surgery. <i>Cancers</i> , 2020, 12, 1077.	3.7	14
26	5-Aminolevulinic Acid and Contrast-Enhanced Ultrasound: The Combination of the Two Techniques to Optimize the Extent of Resection in Glioblastoma Surgery. <i>Neurosurgery</i> , 2020, 86, E529-E540.	1.1	44
27	Possible association between the integrity of cerebellar pathways and neurocognitive performance in children with posterior fossa tumors. <i>Pediatric Blood and Cancer</i> , 2020, 67, e28538.	1.5	3
28	Mechanisms of malignancy in glioblastoma cells are linked to MCU upregulation and higher intracellular calcium level. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	14
29	Junior-Real Time neuropsychological testing (j-RTNT) for a young patient undergoing awake craniotomy. <i>Brain and Cognition</i> , 2020, 140, 105535.	1.8	3
30	Predictors of Postoperative Seizure Outcome in Low Grade Glioma: From Volumetric Analysis to Molecular Stratification. <i>Cancers</i> , 2020, 12, 397.	3.7	26
31	Multimodal Assessment Shows a Mostly Preserved Cognitive Status in Incidentally Discovered Low Grade Gliomas: A Single Institution Study. <i>Cancers</i> , 2020, 12, 156.	3.7	4
32	Neurosurgical lesions to sensorimotor cortex do not impair action verb processing. <i>Scientific Reports</i> , 2020, 10, 523.	3.3	14
33	A Risk Score Based on 5 Clinico-Pathological Variables Predicts Recurrence of Atypical Meningiomas. <i>Journal of Neuropathology and Experimental Neurology</i> , 2020, 79, 500-507.	1.7	14
34	Strategy Innovation, Intellectual Capital Management, and the Future of Healthcare: The Case of Kiron by Nucleode. <i>Contributions To Management Science</i> , 2020, , 119-131.	0.5	16
35	Italian consensus and recommendations on diagnosis and treatment of low-grade gliomas. An intersociety (SINch/AINO/SIN) document. <i>Journal of Neurosurgical Sciences</i> , 2020, 64, 313-334.	0.6	15
36	Is age an additional factor in the treatment of elderly patients with glioblastoma? A new stratification model: an Italian Multicenter Study. <i>Neurosurgical Focus</i> , 2020, 49, E13.	2.3	12

#	ARTICLE	IF	CITATIONS
37	A Novel Comprehensive Clinical Stratification Model to Refine Prognosis of Glioblastoma Patients Undergoing Surgical Resection. <i>Cancers</i> , 2020, 12, 386.	3.7	13
38	From the Champion to the Team: New Treatment Paradigms in Contemporary Neurosurgery. <i>World Neurosurgery</i> , 2019, 131, 141-148.	1.3	8
39	Real-time neuropsychological testing during endovascular occlusion of a fusiform aneurysm in the left middle cerebral artery. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2019, 17, 113-118.	0.3	0
40	Semaphorin-7A on Exosomes: A Promigratory Signal in the Glioma Microenvironment. <i>Cancers</i> , 2019, 11, 758.	3.7	22
41	Frameless Deep Brain Stimulation Surgery: A Single-Center Experience and Retrospective Analysis of Placement Accuracy of 220 Electrodes in a Series of 110 Patients. <i>Stereotactic and Functional Neurosurgery</i> , 2019, 97, 337-346.	1.5	4
42	A Survey on Pituitary Surgery in Italy. <i>World Neurosurgery</i> , 2019, 123, e440-e449.	1.3	20
43	Noun-verb naming dissociation in neurosurgical patients. <i>Aphasiology</i> , 2019, 33, 1418-1440.	2.2	18
44	Combining Clinical and Molecular Data to Predict the Benefits of Carmustine Wafers in Newly Diagnosed High-Grade Gliomas. <i>Current Treatment Options in Neurology</i> , 2018, 20, 3.	1.8	14
45	Supratentorial Cavernous Malformations Involving the Corticospinal Tract and Sensory Motor Cortex: Treatment Strategies, Surgical Considerations, and Outcomes. <i>Operative Neurosurgery</i> , 2018, 15, 483-497.	0.8	7
46	An NF- κ B signature predicts low-grade glioma prognosis: a precision medicine approach based on patient-derived stem cells. <i>Neuro-Oncology</i> , 2018, 20, 776-787.	1.2	38
47	Localizing Memory Functions in Brain Tumor Patients: Anatomical Hotspots over 260 Patients. <i>World Neurosurgery</i> , 2018, 120, e690-e709.	1.3	13
48	Neuropsychology in Insular Lesions Prior-During and After Brain Surgery. , 2018, , 281-292.		2
49	Giant vertebral aneurysm: A case report detailing successful treatment with combined stenting and surgery. , 2018, 9, 6.		4
50	Long-Term Cognitive Functioning and Psychological Well-Being in Surgically Treated Patients with Low-Grade Glioma. <i>World Neurosurgery</i> , 2017, 103, 799-808.e9.	1.3	28
51	Survey on current cognitive practices within the European Low-Grade Glioma Network: towards a European assessment protocol. <i>Acta Neurochirurgica</i> , 2017, 159, 1167-1178.	1.7	80
52	Size-dependent cellular uptake of exosomes. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1011-1020.	3.3	109
53	Emotional concerns and coping strategies in Low Grade Glioma patients and reliability of their caregivers in reporting these concerns: Findings from a cross-sectional study. <i>European Journal of Oncology Nursing</i> , 2017, 30, 113-119.	2.1	9
54	Design fluency and neuroanatomical correlates in 54 neurosurgical patients with lesions to the right hemisphere. <i>Journal of Neuro-Oncology</i> , 2017, 135, 141-150.	2.9	12

#	ARTICLE	IF	CITATIONS
55	Quantitative Diffusion Tensor Imaging Analysis of Low-Grade Gliomas: From Preclinical Application to Patient Care. <i>World Neurosurgery</i> , 2017, 97, 333-343.	1.3	11
56	Independent Component Decomposition of Human Somatosensory Evoked Potentials Recorded by Micro-Electrocorticography. <i>International Journal of Neural Systems</i> , 2017, 27, 1650052.	5.2	15
57	Survey on current practice within the European Low-Grade Glioma Network: where do we stand and what is the next step?. <i>Neuro-Oncology Practice</i> , 2017, 4, 241-247.	1.6	13
58	The role of perfusion and diffusion MRI in the assessment of patients affected by probable idiopathic normal pressure hydrocephalus. A cohort-prospective preliminary study. <i>Fluids and Barriers of the CNS</i> , 2017, 14, 24.	5.0	20
59	Systemic T Cells Immunosuppression of Glioma Stem Cell-Derived Exosomes Is Mediated by Monocytic Myeloid-Derived Suppressor Cells. <i>PLoS ONE</i> , 2017, 12, e0169932.	2.5	136
60	Diffuse Low-Grade Glioma Associated Stem Cells. , 2017, , 151-172.		1
61	Topoisomerase III ^β mediates the resistance of glioblastoma stem cells to replication stress-inducing drugs. <i>Cancer Cell International</i> , 2016, 16, 58.	4.1	15
62	Brain mapping: a novel intraoperative neuropsychological approach. <i>Journal of Neurosurgery</i> , 2016, 125, 877-887.	1.6	56
63	Speed-accuracy strategy regulations in prefrontal tumor patients. <i>Neuropsychologia</i> , 2016, 82, 1-10.	1.6	14
64	Identifying environmental sounds: a multimodal mapping study. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 567.	2.0	8
65	Second Surgery in Insular Low-Grade Gliomas. <i>BioMed Research International</i> , 2015, 2015, 1-11.	1.9	13
66	The neural network associated with lexical-semantic knowledge about social groups. <i>Cortex</i> , 2015, 70, 155-168.	2.4	7
67	A multimodal mapping study of conduction aphasia with impaired repetition and spared reading aloud. <i>Neuropsychologia</i> , 2015, 70, 214-226.	1.6	23
68	Acute effects of surgery on emotion and personality of brain tumor patients: surgery impact, histological aspects, and recovery. <i>Neuro-Oncology</i> , 2015, 17, 1121-1131.	1.2	47
69	A Compact and Autoclavable System for Acute Extracellular Neural Recording and Brain Pressure Monitoring for Humans. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2015, 9, 50-59.	4.0	2
70	Post-Operative Shampoo Effects in Neurosurgical Patients: A Pilot Experimental Study. <i>Surgical Infections</i> , 2015, 16, 133-138.	1.4	11
71	Double-letter processing in surface dyslexia and dysgraphia following a left temporal lesion: A multimodal neuroimaging study. <i>Cortex</i> , 2015, 73, 112-130.	2.4	15
72	The combined treatment of stenting and surgery in a giant unruptured aneurysm of the middle cerebral artery. , 2015, 6, 67.		4

#	ARTICLE	IF	CITATIONS
73	Investigation of Adhesion and Mechanical Properties of Human Glioma Cells by Single Cell Force Spectroscopy and Atomic Force Microscopy. PLoS ONE, 2014, 9, e112582.	2.5	47
74	Smaller, softer, lower-impedance electrodes for human neuroprosthesis: a pragmatic approach. Frontiers in Neuroengineering, 2014, 7, 8.	4.8	66
75	Surgery for insular low-grade glioma: predictors of postoperative seizure outcome. Journal of Neurosurgery, 2014, 120, 12-23.	1.6	61
76	Persistent Hiccups in Advanced Neuro-oncology Patients. Journal of Hospice and Palliative Nursing, 2014, 16, 396-401.	0.9	1
77	Glioma-associated Stem Cells: A Novel Class of Tumor-supporting Cells Able to Predict Prognosis of Human Low-grade Gliomas. Stem Cells, 2014, 32, 1239-1253.	3.2	80
78	Impact of brain tumour location on emotion and personality: a voxel-based lesion-symptom mapping study on mentalization processes. Brain, 2014, 137, 2532-2545.	7.6	90
79	Involuntary switching into the native language induced by electrocortical stimulation of the superior temporal gyrus: A multimodal mapping study. Neuropsychologia, 2014, 62, 87-100.	1.6	17
80	Microsubthalamotomy improves sleep in patients affected by advanced Parkinson's disease. Sleep Medicine, 2014, 15, 637-641.	1.6	18
81	To move or not to move: Subthalamic deep brain stimulation effects on implicit motor simulation. Brain Research, 2014, 1574, 14-25.	2.2	15
82	Neuropsychological Patterns Following Lesions of the Anterior Insula in a Series of Forty Neurosurgical Patients. AIMS Neuroscience, 2014, 1, 225-244.	2.3	9
83	Alterations in fiber pathways reveal brain tumor typology: a diffusion tractography study. PeerJ, 2014, 2, e497.	2.0	19
84	Refractory semantic access dysphasia resulting from resection of a left frontal glioma. Neurocase, 2013, 19, 27-35.	0.6	11
85	Reaching a moveable visual target: Dissociations in brain tumour patients. Brain and Cognition, 2013, 82, 6-17.	1.8	16
86	Biologically Compatible Neural Interface To Safely Couple Nanocoated Electrodes to the Surface of the Brain. ACS Nano, 2013, 7, 3887-3895.	14.6	48
87	Human Low-Grade Glioma Cultures. , 2013, , 137-163.		3
88	Foreign accent syndrome: A multimodal mapping study. Cortex, 2013, 49, 18-39.	2.4	57
89	HER-2 Expression in Brain Metastases from Colorectal Cancer and Corresponding Primary Tumors: A Case Cohort Series. International Journal of Molecular Sciences, 2013, 14, 2370-2387.	4.1	14
90	Seeking a bridge between language and motor cortices: a PPI study. Frontiers in Human Neuroscience, 2013, 7, 249.	2.0	11

#	ARTICLE	IF	CITATIONS
91	Motor Simulation during Action Word Processing in Neurosurgical Patients. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 736-748.	2.3	16
92	Surgery of Insular Nonenhancing Gliomas. <i>Neurosurgery</i> , 2012, 70, 1081-1094.	1.1	97
93	Preoperative Stress, Anxiety, Depression and Coping Strategies Adopted by Patients Experiencing Their First or Recurrent Brain Neoplasm: An Explorative Study. <i>Stress and Health</i> , 2012, 28, 416-425.	2.6	19
94	Low-grade glioma surgery in eloquent areas: volumetric analysis of extent of resection and its impact on overall survival. A single-institution experience in 190 patients. <i>Journal of Neurosurgery</i> , 2012, 117, 1039-1052.	1.6	247
95	Left- and right-hemisphere forms of phonological alexia. <i>Cognitive Neuropsychology</i> , 2012, 29, 531-549.	1.1	3
96	Deep brain stimulation: Subthalamic nucleus electrophysiological activity in awake and anesthetized patients. <i>Clinical Neurophysiology</i> , 2012, 123, 2406-2413.	1.5	58
97	Meditation-related activations are modulated by the practices needed to obtain it and by the expertise: an ALE meta-analysis study. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 346.	2.0	88
98	Delayed Positivation of Cerebral Angiography in Reversible Cerebral Vasoconstriction Syndrome (RCVS) Presenting with Recurrent Subarachnoid Haemorrhage. <i>Open Rheumatology Journal</i> , 2012, 6, 175-179.	0.2	3
99	Two qualitatively different impairments in making rotation operations. <i>Cortex</i> , 2011, 47, 166-179.	2.4	16
100	Localisation through operation for brain tumour: A reply to Karnath and Steinbach. <i>Cortex</i> , 2011, 47, 1007-1009.	2.4	15
101	Treatment of recurrent high-grade gliomas with GliaSite brachytherapy: A prospective mono-institutional Italian experience. <i>Tumori</i> , 2011, 97, 614-619.	1.1	13
102	The human RECQ1 helicase is highly expressed in glioblastoma and plays an important role in tumor cell proliferation. <i>Molecular Cancer</i> , 2011, 10, 83.	19.2	49
103	Causal Role of the Sensorimotor Cortex in Action Simulation: Neuropsychological Evidence. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 2068-2078.	2.3	28
104	Temporary balloon occlusion during the surgical treatment of giant paraclinoid and vertebrobasilar aneurysms. <i>Acta Neurochirurgica</i> , 2010, 152, 435-442.	1.7	16
105	Naming manipulable objects: Anatomy of a category specific effect in left temporal tumours. <i>Neuropsychologia</i> , 2010, 48, 1583-1597.	1.6	71
106	O6-methylguanine DNA-methyltransferase methylation status can change between first surgery for newly diagnosed glioblastoma and second surgery for recurrence: clinical implications. <i>Neuro-Oncology</i> , 2010, 12, 283-288.	1.2	110
107	EDG3 and SHC3 on chromosome 9q22 are co-amplified in human ependymomas. <i>Cancer Letters</i> , 2010, 290, 36-42.	7.2	15
108	Right posterior cortical functions in a tumour patient series. <i>Cortex</i> , 2010, 46, 1178-1188.	2.4	41

#	ARTICLE	IF	CITATIONS
109	The Spiritual Brain: Selective Cortical Lesions Modulate Human Self-Transcendence. <i>Neuron</i> , 2010, 65, 309-319.	8.1	177
110	Semantic access dysphasia resulting from left temporal lobe tumours. <i>Brain</i> , 2009, 132, 87-102.	7.6	48
111	Cortical bases of elementary deductive reasoning: Inference, memory, and metaduction. <i>Neuropsychologia</i> , 2009, 47, 1107-1116.	1.6	107
112	Neurosurgical management and postoperative whole-brain radiotherapy for colorectal cancer patients with symptomatic brain metastases. <i>Journal of Cancer Research and Clinical Oncology</i> , 2009, 135, 451-457.	2.5	42
113	Expression of the Polycomb-Group Protein BMI1 and correlation with p16 in astrocytomas. <i>Pathology Research and Practice</i> , 2008, 204, 625-631.	2.3	19
114	The Experience of Patients Undergoing Awake Craniotomy. <i>Cancer Nursing</i> , 2008, 31, 166-172.	1.5	57
115	The neural basis of temporal preparation: Insights from brain tumor patients. <i>Neuropsychologia</i> , 2007, 45, 2755-2763.	1.6	85
116	Non-anaplastic pleomorphic xanthoastrocytoma with neuroradiological evidences of leptomeningeal dissemination. <i>Child's Nervous System</i> , 2006, 22, 614-618.	1.1	33
117	Mental rotation in a patient with an implanted electrode grid in the motor cortex. <i>NeuroReport</i> , 2005, 16, 1795-1800.	1.2	27
118	Specific impairments of rule induction in different frontal lobe subgroups. <i>Neuropsychologia</i> , 2005, 43, 460-472.	1.6	86
119	Generation and recognition of abstract rules in different frontal lobe subgroups. <i>Neuropsychologia</i> , 2005, 43, 1924-1937.	1.6	30
120	Better without (lateral) frontal cortex? Insight problems solved by frontal patients. <i>Brain</i> , 2005, 128, 2882-2890.	7.6	154
121	Proteomic Studies on Low- and High-Grade Human Brain Astrocytomas. <i>Journal of Proteome Research</i> , 2005, 4, 698-708.	3.7	99
122	Effects of Strategies on Mental Rotation Performed by Unilateral Brain Damaged Patients. <i>Cortex</i> , 2004, 40, 197-199.	2.4	15
123	Visuomotor deficits and fast recovery after area V6A lesion in monkeys. <i>Behavioural Brain Research</i> , 2003, 139, 115-122.	2.2	35
124	Effects of lesions to area V6A in monkeys. <i>Experimental Brain Research</i> , 2002, 144, 419-422.	1.5	113
125	The stereotactic volumetric information: its role in two-step resection of brainstem and thalamic giant tumor. report of three cases and technical note.. <i>World Neurosurgery</i> , 1999, 52, 515-523.	1.3	1
126	LANGUAGE DISORDERS IN BILINGUAL PATIENTS AFTER THALAMIC LESIONS. <i>Journal of Neurolinguistics</i> , 1997, 10, 347-367.	1.1	38

#	ARTICLE	IF	CITATIONS
127	CT and MRI findings after stereotactic resection of brain lesions. European Journal of Radiology, 1996, 23, 228-234.	2.6	7
128	Stereotactic Aspiration and Drainage of Brain Abscesses. Experience with 9 Cases. Minimally Invasive Neurosurgery, 1996, 39, 108-112.	0.9	23
129	A Transcavernous-transsellar Approach to the Basilar Tip Aneurysms. British Journal of Neurosurgery, 1987, 1, 251-259.	0.8	193