

# Sandra Camelo-Piragua

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6992229/publications.pdf>

Version: 2024-02-01

29  
papers

1,177  
citations

623734

14  
h-index

580821

25  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1951  
citing authors

#	ARTICLE	IF	CITATIONS
1	Near real-time intraoperative brain tumor diagnosis using stimulated Raman histology and deep neural networks. <i>Nature Medicine</i> , 2020, 26, 52-58.	30.7	413
2	Detection of human brain tumor infiltration with quantitative stimulated Raman scattering microscopy. <i>Science Translational Medicine</i> , 2015, 7, 309ra163.	12.4	249
3	Rapid Intraoperative Diagnosis of Pediatric Brain Tumors Using Stimulated Raman Histology. <i>Cancer Research</i> , 2018, 78, 278-289.	0.9	98
4	Assessment of Clinical Benefit of Integrative Genomic Profiling in Advanced Solid Tumors. <i>JAMA Oncology</i> , 2021, 7, 525-533.	7.1	65
5	Alternative lengthening of telomeres, ATRX loss and H3 $\beta$ mutations in histologically defined pilocytic astrocytoma with anaplasia. <i>Brain Pathology</i> , 2019, 29, 126-140.	4.1	54
6	Discriminating pseudoprogression and true progression in diffuse infiltrating glioma using multi-parametric MRI data through deep learning. <i>Scientific Reports</i> , 2020, 10, 20331.	3.3	36
7	<i>CRTC</i> fusion in mucoepidermoid carcinoma of the breast. <i>Histopathology</i> , 2019, 74, 463-473.	2.9	33
8	Further understanding of the pathology of glioma: implications for the clinic. <i>Expert Review of Neurotherapeutics</i> , 2016, 16, 1055-1065.	2.8	32
9	Rapid, label-free detection of diffuse glioma recurrence using intraoperative stimulated Raman histology and deep neural networks. <i>Neuro-Oncology</i> , 2021, 23, 144-155.	1.2	25
10	Histotripsy Clot Liquefaction in a Porcine Intracerebral Hemorrhage Model. <i>Neurosurgery</i> , 2020, 86, 429-436.	1.1	24
11	Major Changes in 2021 World Health Organization Classification of Central Nervous System Tumors. <i>Radiographics</i> , 2022, 42, 1474-1493.	3.3	22
12	Gemcitabine Plus Radiation Therapy for High-Grade Glioma: Long-Term Results of a Phase 1 Dose-Escalation Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 94, 305-311.	0.8	18
13	Automated histologic diagnosis of CNS tumors with machine learning. <i>CNS Oncology</i> , 2020, 9, CNS56.	3.0	18
14	BRAF activating mutations involving the $\beta$ -catenin loop in V600E-negative anaplastic pleomorphic xanthoastrocytoma. <i>Acta Neuropathologica Communications</i> , 2018, 6, 24.	5.2	16
15	A novel ATXN1-DUX4 fusion expands the spectrum of CIC-rearranged sarcoma™ of the CNS to include non-CIC alterations. <i>Acta Neuropathologica</i> , 2021, 141, 619-622.	7.7	16
16	Transcranial Magnetic Resonance-Guided Histotripsy for Brain Surgery: Pre-clinical Investigation. <i>Ultrasound in Medicine and Biology</i> , 2022, 48, 98-110.	1.5	13
17	Post-mortem evaluation of amyloid $\beta$ -dopamine terminal positron emission tomography dementia classifications. <i>Annals of Neurology</i> , 2015, 78, 824-830.	5.3	11
18	Rapid Automated Analysis of Skull Base Tumor Specimens Using Intraoperative Optical Imaging and Artificial Intelligence. <i>Neurosurgery</i> , 2022, 90, 758-767.	1.1	8

#	ARTICLE	IF	CITATIONS
19	Pediatric craniopharyngioma in association with familial adenomatous polyposis. <i>Familial Cancer</i> , 2019, 18, 327-330.	1.9	6
20	Metastasis of malignant myoepithelial carcinoma to the brain. <i>BMJ Case Reports</i> , 2018, 2018, bcr-2018-224285.	0.5	5
21	Sudden Death Due to Calcifying Pseudoneoplasm of the Neuraxis. <i>American Journal of Forensic Medicine and Pathology</i> , 2020, 41, 70-74.	0.8	4
22	Into the Unknown: Diagnosing Mysterious Brain Lesions. <i>Transplant Infectious Disease</i> , 2022, , .	1.7	4
23	Clear Cell Tumors of the Central Nervous System: A Case-Based Review. <i>Archives of Pathology and Laboratory Medicine</i> , 2012, 136, 915-926.	2.5	3
24	Multiple system atrophy pathology is associated with primary Sjögren's syndrome. <i>JCI Insight</i> , 2020, 5, .	5.0	3
25	Virtual brain tumor histopathology and immunohistochemistry with stimulated raman scattering microscopy.. <i>Journal of Clinical Oncology</i> , 2017, 35, e13511-e13511.	1.6	1
26	CRAN-10. PEDIATRIC CRANIOPHARYNGIOMA IN ASSOCIATION WITH FAMILIAL ADENOMATOUS POLYPOSIS. <i>Neuro-Oncology</i> , 2018, 20, i38-i39.	1.2	0
27	ETMR-22. TITLE: DEFINING THE CLINICAL AND PROGNOSTIC LANDSCAPE OF EMBRYONAL TUMORS WITH MULTI-LAYERED ROSETTES (ETMRs), A RARE BRAIN TUMOR REGISTRY (RBTC) STUDY. <i>Neuro-Oncology</i> , 2020, 22, iii327-iii328.	1.2	0
28	Vasculitic Tibial Mononeuropathy Associated with Inherited Immune Dysregulation: A Review of Tibial Mononeuropathies with Electrodiagnostic Considerations. <i>Case Reports in Neurological Medicine</i> , 2021, 2021, 1-6.	0.4	0
29	Comparative study of radiologists vs machine learning in differentiating biopsy-proven pseudoprogression and true progression in diffuse gliomas. <i>Neuroscience Informatics</i> , 2022, , 100088.	4.5	0