

# Sahaja Acharya

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/461316/publications.pdf>

Version: 2024-02-01

31  
papers

974  
citations

623734

14  
h-index

434195

31  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1426  
citing authors

#	ARTICLE	IF	CITATIONS
1	Online Magnetic Resonance Image Guided Adaptive Radiation Therapy: First Clinical Applications. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 94, 394-403.	0.8	245
2	Two-and-a-half-year clinical experience with the world's first magnetic resonance image guided radiation therapy system. <i>Advances in Radiation Oncology</i> , 2017, 2, 485-493.	1.2	128
3	Magnetic Resonance Image Guided Radiation Therapy for External Beam Accelerated Partial-Breast Irradiation: Evaluation of Delivered Dose and Intrafractional Cavity Motion. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, 785-792.	0.8	73
4	Distant intracranial failure in melanoma brain metastases treated with stereotactic radiosurgery in the era of immunotherapy and targeted agents. <i>Advances in Radiation Oncology</i> , 2017, 2, 572-580.	1.2	63
5	Long-term outcomes and late effects for childhood and young adulthood intracranial germinomas. <i>Neuro-Oncology</i> , 2015, 17, 741-746.	1.2	57
6	Association between hippocampal dose and memory in survivors of childhood or adolescent low-grade glioma: a 10-year neurocognitive longitudinal study. <i>Neuro-Oncology</i> , 2019, 21, 1175-1183.	1.2	46
7	A single-center study of the clinicopathologic correlates of gliomas with a MYB or MYBL1 alteration. <i>Acta Neuropathologica</i> , 2019, 138, 1091-1092.	7.7	45
8	Effects of Race/Ethnicity and Socioeconomic Status on Outcome in Childhood Acute Lymphoblastic Leukemia. <i>Journal of Pediatric Hematology/Oncology</i> , 2016, 38, 350-354.	0.6	35
9	Brachytherapy Is Associated With Improved Survival in Inoperable Stage I Endometrial Adenocarcinoma: A Population-Based Analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 93, 649-657.	0.8	34
10	Medically inoperable endometrial cancer in patients with a high body mass index (BMI): Patterns of failure after 3-D image-based high dose rate (HDR) brachytherapy. <i>Radiotherapy and Oncology</i> , 2016, 118, 167-172.	0.6	32
11	Tectal glioma as a distinct diagnostic entity: a comprehensive clinical, imaging, histologic and molecular analysis. <i>Acta Neuropathologica Communications</i> , 2018, 6, 101.	5.2	30
12	Pseudoprogression in pediatric low-grade glioma after irradiation. <i>Journal of Neuro-Oncology</i> , 2017, 135, 371-379.	2.9	19
13	Neuropsychological outcomes of patients with low-grade glioma diagnosed during the first year of life. <i>Journal of Neuro-Oncology</i> , 2019, 141, 413-420.	2.9	16
14	Treatment burden and long-term health deficits of patients with low-grade gliomas or glioneuronal tumors diagnosed during the first year of life. <i>Cancer</i> , 2019, 125, 1163-1175.	4.1	16
15	Association Between Brain Substructure Dose and Cognitive Outcomes in Children With Medulloblastoma Treated on SJMB03: A Step Toward Substructure-Informed Planning. <i>Journal of Clinical Oncology</i> , 2022, 40, 83-95.	1.6	15
16	Long-term visual acuity outcomes after radiation therapy for sporadic optic pathway glioma. <i>Journal of Neuro-Oncology</i> , 2019, 144, 603-610.	2.9	14
17	Tectal glioma harbors high rates of KRAS G12R and concomitant KRAS and BRAF alterations. <i>Acta Neuropathologica</i> , 2020, 139, 601-602.	7.7	13
18	Adaptive Proton Therapy for Pediatric Patients: Improving the Quality of the Delivered Plan With On-Treatment MRI. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 109, 242-251.	0.8	13

#	ARTICLE	IF	CITATIONS
19	Clinical outcomes and patterns of care in the treatment of carcinosarcoma of the breast. <i>Cancer Medicine</i> , 2019, 8, 1379-1388.	2.8	12
20	Risk stratification in pediatric low-grade glioma and glioneuronal tumor treated with radiation therapy: an integrated clinicopathologic and molecular analysis. <i>Neuro-Oncology</i> , 2020, 22, 1203-1213.	1.2	12
21	Training a deep neural network coping with diversities in abdominal and pelvic images of children and young adults for CBCT-based adaptive proton therapy. <i>Radiotherapy and Oncology</i> , 2021, 160, 250-258.	0.6	12
22	Evaluating pediatric spinal low-grade gliomas: a 30-year retrospective analysis. <i>Journal of Neuro-Oncology</i> , 2019, 145, 519-529.	2.9	11
23	Clinical Implementation of Magnetic Resonance Imaging Systems for Simulation and Planning of Pediatric Radiation Therapy. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2018, 49, 153-163.	0.3	6
24	Facilitating MR-Guided Adaptive Proton Therapy in Children Using Deep Learning-Based Synthetic CT. <i>International Journal of Particle Therapy</i> , 2022, 8, 11-20.	1.8	6
25	Toward MR-only proton therapy planning for pediatric brain tumors: Synthesis of relative proton stopping power images with multiple sequence MRI and development of an online quality assurance tool. <i>Medical Physics</i> , 2022, 49, 1559-1570.	3.0	6
26	Cardiac-Sparing and Breast-Sparing Whole Lung Irradiation Using Intensity-Modulated Proton Therapy. <i>International Journal of Particle Therapy</i> , 2021, 7, 65-73.	1.8	4
27	Internal dose escalation associated with increased local control for melanoma brain metastases treated with stereotactic radiosurgery. <i>Journal of Neurosurgery</i> , 2021, 135, 855-861.	1.6	4
28	A rare manifestation of choriocarcinoma syndrome in a child with primary intracranial germ cell tumor and extracranial metastases: A case report and review of the literature. <i>Pediatric Blood and Cancer</i> , 2021, 68, e29000.	1.5	3
29	Rethinking the Definition of High Risk in Pediatric Salivary Gland Carcinoma. <i>Otolaryngology - Head and Neck Surgery</i> , 2022, 166, 548-556.	1.9	2
30	Radiation therapy to the developing brain: advanced technology is ready for robust optimization parameters. <i>Neuro-Oncology</i> , 2021, 23, 350-351.	1.2	1
31	Distance to nearest radiation facility and treatment choice in early stage breast cancer.. <i>Journal of Clinical Oncology</i> , 2015, 33, 73-73.	1.6	1