

Hidefumi Aoyama

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6433099/publications.pdf>

Version: 2024-02-01

81
papers

8,119
citations

117453

34
h-index

82410

72
g-index

81
all docs

81
docs citations

81
times ranked

6147
citing authors

#	ARTICLE	IF	CITATIONS
1	Stereotactic Radiosurgery Plus Whole-Brain Radiation Therapy vs Stereotactic Radiosurgery Alone for Treatment of Brain Metastases. <i>JAMA - Journal of the American Medical Association</i> , 2006, 295, 2483.	3.8	1,955
2	Stereotactic radiosurgery for patients with multiple brain metastases (JLKG0901): a multi-institutional prospective observational study. <i>Lancet Oncology</i> , The, 2014, 15, 387-395.	5.1	1,112
3	Physical aspects of a real-time tumor-tracking system for gated radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000, 48, 1187-1195.	0.4	603
4	Neurocognitive Function of Patients with Brain Metastasis Who Received Either Whole Brain Radiotherapy Plus Stereotactic Radiosurgery or Radiosurgery Alone. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 68, 1388-1395.	0.4	506
5	Four-dimensional treatment planning and fluoroscopic real-time tumor tracking radiotherapy for moving tumor. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000, 48, 435-442.	0.4	453
6	Phase 3 Trials of Stereotactic Radiosurgery With or Without Whole-Brain Radiation Therapy for 1 to 4 Brain Metastases: Individual Patient Data Meta-Analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 91, 710-717.	0.4	369
7	Impact of respiratory movement on the computed tomographic images of small lung tumors in three-dimensional (3D) radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000, 46, 1127-1133.	0.4	220
8	Image fusion between 18 FDG-PET and MRI/CT for radiotherapy planning of oropharyngeal and nasopharyngeal carcinomas. <i>International Journal of Radiation Oncology Biology Physics</i> , 2002, 53, 1051-1057.	0.4	220
9	Stereotactic Radiosurgery With or Without Whole-Brain Radiotherapy for Brain Metastases. <i>JAMA Oncology</i> , 2015, 1, 457.	3.4	190
10	Registration accuracy and possible migration of internal fiducial gold marker implanted in prostate and liver treated with real-time tumor-tracking radiation therapy (RTRT). <i>Radiotherapy and Oncology</i> , 2002, 62, 275-281.	0.3	176
11	Hypofractionated stereotactic radiotherapy alone without whole-brain irradiation for patients with solitary and oligo brain metastasis using noninvasive fixation of the skull. <i>International Journal of Radiation Oncology Biology Physics</i> , 2003, 56, 793-800.	0.4	163
12	Integral radiation dose to normal structures with conformal external beam radiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 64, 962-967.	0.4	139
13	Three-dimensional movement of a liver tumor detected by high-speed magnetic resonance imaging. <i>Radiotherapy and Oncology</i> , 1999, 50, 367-370.	0.3	95
14	Management of vestibular schwannoma by fractionated stereotactic radiotherapy and associated cerebrospinal fluid malabsorption. <i>Journal of Neurosurgery</i> , 2003, 99, 685-692.	0.9	94
15	Induction Chemotherapy Followed by Low-Dose Involved-Field Radiotherapy for Intracranial Germ Cell Tumors. <i>Journal of Clinical Oncology</i> , 2002, 20, 857-865.	0.8	92
16	Impact of [11C]Methionine Positron Emission Tomography for Target Definition of Glioblastoma Multiforme in Radiation Therapy Planning. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 82, 83-89.	0.4	90
17	Fractionated stereotactic radiotherapy for vestibular schwannoma (VS): Comparison between cystic-type and solid-type VS. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000, 48, 1395-1401.	0.4	85
18	The effectiveness of endoscopic submucosal dissection followed by chemoradiotherapy for superficial esophageal cancer. <i>Radiation Oncology</i> , 2015, 10, 31.	1.2	82

#	ARTICLE	IF	CITATIONS
19	High-speed magnetic resonance imaging for four-dimensional treatment planning of conformal radiotherapy of moving body tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000, 48, 471-474.	0.4	69
20	Stereotactic irradiation for intracranial arteriovenous malformation using stereotactic radiosurgery or hypofractionated stereotactic radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2004, 60, 861-870.	0.4	68
21	Treatment outcome of single or hypofractionated single-isocentric stereotactic irradiation (STI) using a linear accelerator for intracranial arteriovenous malformation. <i>Radiotherapy and Oncology</i> , 2001, 59, 323-328.	0.3	66
22	Magnetic resonance imaging system for three-dimensional conformal radiotherapy and its impact on gross tumor volume delineation of central nervous system tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2001, 50, 821-827.	0.4	63
23	Pathologically-proven intracranial germinoma treated with radiation therapy. <i>Radiotherapy and Oncology</i> , 1998, 47, 201-205.	0.3	62
24	Clinical Outcomes of Stereotactic Brain and/or Body Radiotherapy for Patients with Oligometastatic Lesions. <i>Japanese Journal of Clinical Oncology</i> , 2010, 40, 788-794.	0.6	62
25	Stereotactic Radiotherapy for Intracranial Nonacoustic Schwannomas Including Facial Nerve Schwannoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 75, 1415-1419.	0.4	59
26	The role of radiotherapy in treating squamous cell carcinoma of the external auditory canal, especially in early stages of disease. <i>Radiotherapy and Oncology</i> , 2000, 56, 221-225.	0.3	53
27	Three-Dimensional Intrafractional Motion of Breast During Tangential Breast Irradiation Monitored With High-Sampling Frequency Using a Real-Time Tumor-Tracking Radiotherapy System. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 70, 931-934.	0.4	53
28	De Novo Formation of Cavernoma After Radiosurgery for Adult Cerebral Arteriovenous Malformation -Case Report-. <i>Neurologia Medico-Chirurgica</i> , 2008, 48, 397-400.	1.0	47
29	Late recurrence and salvage therapy of CNS germinomas. <i>Journal of Neuro-Oncology</i> , 2008, 90, 205-211.	1.4	42
30	Symptomatic Outcomes in Relation to Tumor Expansion After Fractionated Stereotactic Radiation Therapy for Vestibular Schwannomas: Single-Institutional Long-Term Experience. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 85, 329-334.	0.4	42
31	Randomized Phase II Trial of Concomitant Chemoradiotherapy Using Weekly Carboplatin or Daily Low-Dose Cisplatin for Squamous Cell Carcinoma of the Head and Neck. <i>Cancer Journal (Sudbury, Mass)</i> 14(10):1414-1421 (2008)	1.78	41
32	Clinical significance of 3D reconstruction of arteriovenous malformation using digital subtraction angiography and its modification with CT information in stereotactic radiosurgery. <i>International Journal of Radiation Oncology Biology Physics</i> , 2003, 57, 1392-1399.	0.4	38
33	Differential diagnosis of uterine smooth muscle tumors using diffusion-weighted imaging: correlations with the apparent diffusion coefficient and cell density. <i>Abdominal Imaging</i> , 2015, 40, 1742-1752.	2.0	37
34	Calculation of rotational setup error using the real-time tracking radiation therapy (RTRT) system and its application to the treatment of spinal schwannoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2002, 54, 939-947.	0.4	34
35	Integration of functional brain information into stereotactic irradiation treatment planning using magnetoencephalography and magnetic resonance axonography. <i>International Journal of Radiation Oncology Biology Physics</i> , 2004, 58, 1177-1183.	0.4	34
36	Retrospective multi-institutional study of radiotherapy for intracranial non-germinomatous germ cell tumors. <i>Radiotherapy and Oncology</i> , 1998, 49, 55-59.	0.3	33

#	ARTICLE	IF	CITATIONS
37	The Role of Whole Brain Radiation Therapy for the Management of Brain Metastases in the Era of Stereotactic Radiosurgery. <i>Current Oncology Reports</i> , 2012, 14, 79-84.	1.8	33
38	Cervical and Intracranial Atherosclerosis and Silent Brain Infarction in Japanese Patients with Coronary Artery Disease. <i>Cerebrovascular Diseases</i> , 2003, 16, 61-68.	0.8	32
39	Radiation therapy for brain metastases in breast cancer patients. <i>Breast Cancer</i> , 2011, 18, 244-251.	1.3	31
40	Long-term Outcomes of Fractionated Stereotactic Radiotherapy for Intracranial Skull Base Benign Meningiomas in Single Institution. <i>Japanese Journal of Clinical Oncology</i> , 2011, 41, 462-468.	0.6	31
41	Impact of margin for target volume in low-dose involved field radiotherapy after induction chemotherapy for intracranial germinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2004, 60, 214-217.	0.4	30
42	Annual rate of hearing loss falls after fractionated stereotactic irradiation for vestibular schwannoma. <i>Radiotherapy and Oncology</i> , 2001, 60, 45-48.	0.3	29
43	Salvage endoscopic submucosal dissection in patients with local failure after chemoradiotherapy for esophageal squamous cell carcinoma. <i>Scandinavian Journal of Gastroenterology</i> , 2013, 48, 1095-1101.	0.6	29
44	Medication for hearing loss after fractionated stereotactic radiotherapy (SRT) for vestibular schwannoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2001, 50, 1295-1298.	0.4	27
45	Where is the most common site of DVT? Evaluation by CT venography. <i>Japanese Journal of Radiology</i> , 2012, 30, 393-397.	1.0	26
46	Focal fractionated radiotherapy for intramedullary spinal arteriovenous malformations: 10-year experience. <i>Journal of Neurosurgery: Spine</i> , 2003, 99, 34-38.	0.9	24
47	Reoxygenation of Glioblastoma Multiforme Treated with Fractionated Radiotherapy Concomitant with Temozolomide: Changes Defined by 18F-fluoromisonidazole Positron Emission Tomography: Two Case Reports. <i>Japanese Journal of Clinical Oncology</i> , 2012, 42, 120-123.	0.6	24
48	Comparison of imaging modalities for the accurate delineation of arteriovenous malformation, with reference to stereotactic radiosurgery. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005, 62, 1232-1238.	0.4	18
49	Value of fluorodeoxyglucose positron emission tomography before radiotherapy for head and neck cancer: does the standardized uptake value predict treatment outcome?. <i>Japanese Journal of Radiology</i> , 2009, 27, 237-242.	1.0	18
50	The value of 4-month neurocognitive function as an endpoint in brain metastases trials. <i>Journal of Neuro-Oncology</i> , 2014, 120, 311-319.	1.4	18
51	Hypofractionated radiotherapy boost for dose escalation as a treatment option for high-grade spinal cord astrocytic tumor. <i>Journal of Neuro-Oncology</i> , 2006, 78, 63-69.	1.4	16
52	CT measurement of splenic volume changes as a result of hypovolemic shock. <i>Japanese Journal of Radiology</i> , 2015, 33, 645-649.	1.0	14
53	Radiation Therapy for Intracranial Germ Cell Tumors. <i>Progress in Neurological Surgery</i> , 2009, 23, 96-105.	1.3	13
54	A feasibility study of novel plastic scintillation dosimetry with pulse-counting mode. <i>Physics in Medicine and Biology</i> , 2009, 54, 2079-2092.	1.6	13

#	ARTICLE	IF	CITATIONS
55	Clinical results after the multidisciplinary treatment of spinal arteriovenous fistulas. Japanese Journal of Radiology, 2013, 31, 455-464.	1.0	13
56	Three-dimensional conformal radiotherapy for astrocytic tumors involving the eloquent area in children and young adults. Journal of Neuro-Oncology, 2002, 60, 177-183.	1.4	12
57	Visualization of the corticospinal tract pathway using magnetic resonance axonography and magnetoencephalography for stereotactic irradiation planning of arteriovenous malformations. Radiotherapy and Oncology, 2003, 68, 27-32.	0.3	12
58	Low-dose Craniospinal Irradiation and Ifosfamide, Cisplatin and Etoposide for Non-metastatic Embryonal Tumors in the Central Nervous System. Japanese Journal of Clinical Oncology, 2008, 38, 486-492.	0.6	12
59	Reduction of Bed Rest Time after Transfemoral Noncardiac Angiography from 4 Hours to 2 Hours: A Randomized Trial and a One-arm Study. Journal of Vascular and Interventional Radiology, 2009, 20, 587-592.	0.2	11
60	A Novel Approach to Advanced Carcinoma of the Tongue: Cases Successfully Treated with Combination of Superselective Intra-Arterial Chemotherapy and External/High-Dose-Rate Interstitial Radiotherapy. Japanese Journal of Clinical Oncology, 2006, 36, 822-826.	0.6	10
61	Correlation between the site of pulmonary embolism and the extent of deep vein thrombosis: evaluation by computed tomography pulmonary angiography and computed tomography venography. Japanese Journal of Radiology, 2011, 29, 171-176.	1.0	10
62	The sternalis muscle: radiologic findings on MDCT. Japanese Journal of Radiology, 2012, 30, 729-734.	1.0	10
63	Long-Term Results of Ethmoid Squamous Cell or Undifferentiated Carcinoma Treated with Radiotherapy with or without Surgery. Cancer Journal (Sudbury, Mass), 2005, 11, 152-156.	1.0	9
64	Analysis of decrease in lung perfusion blood volume with occlusive and non-occlusive pulmonary embolisms. European Journal of Radiology, 2014, 83, 2260-2267.	1.2	9
65	Relationship between CT features and high preoperative serum carcinoembryonic antigen levels in early-stage lung adenocarcinoma. Clinical Radiology, 2014, 69, 559-566.	0.5	8
66	Rab27b contributes to radioresistance and exerts a paracrine effect via epiregulin in glioblastoma. Neuro-Oncology Advances, 2020, 2, vdaa091.	0.4	8
67	Relationship between Heart Rate and Optimal Reconstruction Phase in Dual-source CT Coronary Angiography. Academic Radiology, 2011, 18, 726-730.	1.3	7
68	Factors predicting aggressiveness of non-hypervascular hepatic nodules detected on hepatobiliary phase of gadolinium ethoxybenzyl diethylene-triamine-pentaacetic-acid magnetic resonance imaging. World Journal of Gastroenterology, 2015, 21, 4583-4591.	1.4	6
69	Development of a video image-based QA system for the positional accuracy of dynamic tumor tracking irradiation in the Vero4DRT system. Medical Physics, 2015, 42, 4745-4754.	1.6	4
70	Factors Affecting the Baseline and Post-Treatment Scores on the Hopkins Verbal Learning Test-Revised Japanese Version before and after Whole-Brain Radiation Therapy. International Journal of Molecular Sciences, 2016, 17, 1834.	1.8	4
71	Radiosurgery Plus Whole-Brain Radiation Therapy for Brain Metastases—Reply. JAMA - Journal of the American Medical Association, 2006, 296, 2089.	3.8	1
72	Conventionally Fractionated Stereotactic Radiotherapy for Vestibular Schwannoma: A Single Institutional Long-term Outcomes. International Journal of Radiation Oncology Biology Physics, 2010, 78, S8-S9.	0.4	1

#	ARTICLE	IF	CITATIONS
73	Long-Term Outcome of Fractionated Small-Field Irradiation (FSR) for Vestibular Schwannoma in Patients followed for more than Five Years. International Journal of Radiation Oncology Biology Physics, 2005, 63, S264-S265.	0.4	0
74	Integral Radiation Dose to Normal Structures with Conformal External Beam Radiation. International Journal of Radiation Oncology Biology Physics, 2005, 63, S559.	0.4	0
75	321 Estimation of dose distribution from the fluoroscopy in real-time tumor tracking radiotherapy (RTRT) for stereotactic body radiotherapy (SBRT). Radiotherapy and Oncology, 2005, 76, S147.	0.3	0
76	2732. International Journal of Radiation Oncology Biology Physics, 2006, 66, S617-S618.	0.4	0
77	2421. International Journal of Radiation Oncology Biology Physics, 2006, 66, S444.	0.4	0
78	Low-Dose Craniospinal Irradiation (CSI) With Computed Tomographic (CT) Simulation and Ifosfamide, Cisplatin, and Etoposide for Non-Metastatic Embryonal Tumors in the Central Nervous System. International Journal of Radiation Oncology Biology Physics, 2007, 69, S241.	0.4	0
79	Can the Real-time Tumor-tracking Radiotherapy Give the Planned Dose to the Tumor? DVH Analysis Based on Measured Real-time Tracking Data. International Journal of Radiation Oncology Biology Physics, 2009, 75, S590-S591.	0.4	0
80	Fractionated Stereotactic Radiotherapy for Intracranial Meningioma: The Long-term Outcomes in Single Institution. International Journal of Radiation Oncology Biology Physics, 2009, 75, S256-S257.	0.4	0
81	An Internationally Compatible, Japanese Neurocognitive Function Test Battery for the Assessment of Radiation-induced Brain Injury. International Journal of Radiation Oncology Biology Physics, 2010, 78, S293.	0.4	0