

Koichiro Yamakado

List of Publications by Year in descending order

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100
papers

1,795
citations

279487

23
h-index

315357

38
g-index

102
all docs

102
docs citations

102
times ranked

2142
citing authors

#	ARTICLE	IF	CITATIONS
1	Early-Stage Hepatocellular Carcinoma: Radiofrequency Ablation Combined with Chemoembolization versus Hepatectomy. <i>Radiology</i> , 2008, 247, 260-266.	3.6	164
2	Radiofrequency Ablation Combined with Bone Cement Injection for the Treatment of Bone Malignancies. <i>Journal of Vascular and Interventional Radiology</i> , 2004, 15, 707-712.	0.2	154
3	Percutaneous Radiofrequency Ablation of Liver Neoplasms adjacent to the Gastrointestinal Tract after Balloon Catheter Interposition. <i>Journal of Vascular and Interventional Radiology</i> , 2003, 14, 1183-1186.	0.2	93
4	Percutaneous Radiofrequency Ablation of Painful Spinal Tumors Adjacent to the Spinal Cord with Real-Time Monitoring of Spinal Canal Temperature: A Prospective Study. <i>CardioVascular and Interventional Radiology</i> , 2009, 32, 70-75.	0.9	74
5	Radiofrequency Ablation Combined with Chemoembolization for the Treatment of Hepatocellular Carcinomas Larger than 5 cm. <i>Journal of Vascular and Interventional Radiology</i> , 2009, 20, 217-224.	0.2	65
6	Correlation of the SUVmax of FDG-PET and ADC values of diffusion-weighted MR imaging with pathologic prognostic factors in breast carcinoma. <i>European Journal of Radiology</i> , 2016, 85, 943-949.	1.2	61
7	Radiofrequency Ablation Combined with Chemoembolization for the Treatment of Hepatocellular Carcinomas 5 cm or Smaller: Risk Factors for Local Tumor Progression. <i>Journal of Vascular and Interventional Radiology</i> , 2007, 18, 856-861.	0.2	60
8	Radiofrequency Ablation for the Treatment of Bone Metastases From Hepatocellular Carcinoma. <i>American Journal of Roentgenology</i> , 2010, 194, 536-541.	1.0	50
9	Frequency of and Risk Factors for Complications After Liver Radiofrequency Ablation Under CT Fluoroscopic Guidance in 1500 Sessions: Single-Center Experience. <i>American Journal of Roentgenology</i> , 2013, 200, 658-664.	1.0	48
10	Prospective Study of Arterial Infusion Chemotherapy Followed by Radiofrequency Ablation for the Treatment of Liver Metastasis of Gastric Cancer. <i>Journal of Vascular and Interventional Radiology</i> , 2005, 16, 1747-1751.	0.2	44
11	Present and future roles of FDG-PET/CT imaging in the management of gastrointestinal cancer: an update. <i>Nagoya Journal of Medical Science</i> , 2017, 79, 527-543.	0.6	43
12	Three-year Survival Rate after Radiofrequency Ablation for Surgically Resectable Colorectal Lung Metastases: A Prospective Multicenter Study. <i>Radiology</i> , 2020, 294, 686-695.	3.6	42
13	Changes in peripheral blood T-cell balance after percutaneous tumor ablation. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2017, 26, 331-337.	0.6	39
14	Radiofrequency ablation of benign thyroid nodules: recommendations from the Asian Conference on Tumor Ablation Task Force. <i>Ultrasonography</i> , 2021, 40, 75-82.	1.0	37
15	Radiofrequency ablation versus cryoablation for T1b renal cell carcinoma: a multi-center study. <i>Japanese Journal of Radiology</i> , 2018, 36, 551-558.	1.0	35
16	Prognostic value of FDG-PET and DWI in breast cancer. <i>Annals of Nuclear Medicine</i> , 2018, 32, 44-53.	1.2	34
17	Radiofrequency Ablation with and without Balloon Occlusion of the Renal Artery: An Experimental Study in Porcine Kidneys. <i>Journal of Vascular and Interventional Radiology</i> , 2003, 14, 241-245.	0.2	32
18	Subphrenic Versus Nonsubphrenic Hepatocellular Carcinoma: Combined Therapy With Chemoembolization and Radiofrequency Ablation. <i>American Journal of Roentgenology</i> , 2010, 194, 530-535.	1.0	32

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19	Renal Cell Carcinoma: Radiofrequency Ablation with a Multiple-Electrode Switching System—A Phase II Clinical Study. <i>Radiology</i> , 2013, 267, 285-292.	3.6	31
20	FDG-PET/CT as a post-treatment restaging tool in urothelial carcinoma: Comparison with contrast-enhanced CT. <i>European Journal of Radiology</i> , 2016, 85, 593-598.	1.2	29
21	Tumor response to neoadjuvant chemotherapy in patients with esophageal cancer assessed with CT and FDG-PET/CT — RECIST 1.1 vs. PERCIST 1.0. <i>European Journal of Radiology</i> , 2018, 101, 65-71.	1.2	28
22	Survival with up to 10-year Follow-up after Combination Therapy of Chemoembolization and Radiofrequency Ablation for the Treatment of Hepatocellular Carcinoma: Single-center Experience. <i>Journal of Vascular and Interventional Radiology</i> , 2013, 24, 655-666.	0.2	26
23	Diagnostic performance of 11C-choline PET/CT and FDG PET/CT for staging and restaging of renal cell cancer. <i>Annals of Nuclear Medicine</i> , 2018, 32, 658-668.	1.2	25
24	Ablative zone size created by radiofrequency ablation with and without chemoembolization in small hepatocellular carcinomas. <i>Japanese Journal of Radiology</i> , 2012, 30, 553-559.	1.0	23
25	Hyaluronic Acid Gel Injection to Prevent Thermal Injury of Adjacent Gastrointestinal Tract during Percutaneous Liver Radiofrequency Ablation. <i>CardioVascular and Interventional Radiology</i> , 2013, 36, 1144-1146.	0.9	23
26	Clinical Outcomes With Recurrence After Pleurectomy/Decortication for Malignant Pleural Mesothelioma. <i>Annals of Thoracic Surgery</i> , 2020, 109, 1537-1543.	0.7	23
27	Radiofrequency ablation for the treatment of recurrent bone and soft-tissue sarcomas in non-surgical candidates. <i>International Journal of Clinical Oncology</i> , 2014, 19, 955-962.	1.0	22
28	Radiofrequency Ablation Combined with Hepatic Arterial Chemoembolization Using Degradable Starch Microsphere Mixed with Mitomycin C for the Treatment of Liver Metastasis from Colorectal Cancer: A Prospective Multicenter Study. <i>CardioVascular and Interventional Radiology</i> , 2017, 40, 560-567.	0.9	21
29	Ablation protocols and ancillary procedures in tumor ablation therapy: consensus from Japanese experts. <i>Japanese Journal of Radiology</i> , 2016, 34, 647-656.	1.0	19
30	Sub-classification of intermediate-stage (Barcelona Clinic Liver Cancer stage-B) hepatocellular carcinomas. <i>World Journal of Gastroenterology</i> , 2015, 21, 10604.	1.4	18
31	Balloon-occluded retrograde transvenous obliteration of varices: focusing on the portal hemodynamics and the recent techniques. <i>Hepatology International</i> , 2018, 12, 102-111.	1.9	16
32	Significance of Metabolic Tumor Volume at Baseline and Reduction of Mean Standardized Uptake Value in 18F-FDG-PET/CT Imaging for Predicting Pathological Complete Response in Breast Cancers Treated with Preoperative Chemotherapy. <i>Annals of Surgical Oncology</i> , 2019, 26, 2175-2183.	0.7	16
33	Assessment of tumor response to neoadjuvant chemotherapy in patients with breast cancer using MRI and FDG-PET/CT-RECIST 1.1 vs. PERCIST 1.0. <i>Nagoya Journal of Medical Science</i> , 2018, 80, 183-197.	0.6	15
34	Diagnostic and prognostic value of 18F-FDG PET/CT for axillary lymph node staging in patients with breast cancer. <i>Japanese Journal of Radiology</i> , 2016, 34, 220-228.	1.0	14
35	Harmonized pretreatment quantitative volume-based FDG-PET/CT parameters for prognosis of stage I-III breast cancer: Multicenter study. <i>Oncotarget</i> , 2021, 12, 95-105.	0.8	14
36	Radiofrequency ablation for hepatocellular carcinoma. <i>Gastrointestinal Intervention</i> , 2014, 3, 35-39.	0.1	13

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37	Phase I/II Study of Radiofrequency Ablation for Painful Bone Metastases: Japan Interventional Radiology in Oncology Study Group 0208. CardioVascular and Interventional Radiology, 2018, 41, 1043-1048.	0.9	12
38	Predictive value of interim FDG-PET/CT findings in patients with diffuse large B-cell lymphoma treated with R-CHOP. Oncotarget, 2019, 10, 5403-5411.	0.8	12
39	Changes in liver perfusion and function before and after percutaneous occlusion of spontaneous portosystemic shunt. Japanese Journal of Radiology, 2017, 35, 366-372.	1.0	11
40	Multicenter Phase II Clinical Trial of Sorafenib Combined with Transarterial Chemoembolization for Advanced Stage Hepatocellular Carcinomas (Barcelona Clinic Liver Cancer Stage C): STAB Study. Journal of Vascular and Interventional Radiology, 2018, 29, 1061-1067.	0.2	11
41	Imaging of renal cell carcinoma in patients with acquired cystic disease of the kidney: comparison 11C-choline and FDG PET/CT with dynamic contrast-enhanced CT. Japanese Journal of Radiology, 2019, 37, 165-177.	1.0	11
42	Quantitative Bone Single Photon Emission Computed Tomography/Computed Tomography for Evaluating Response to Bisphosphonate Treatment in Patients with Paget's Disease of Bone. Case Reports in Oncology, 2020, 13, 829-834.	0.3	10
43	Radiofrequency ablation of benign thyroid nodules: Recommendations from the Asian conference on tumor ablation task force "Secondary publication. Journal of Medical Ultrasound, 2021, 29, 77.	0.2	10
44	Usefulness of Quantitative Bone Single Photon Emission Computed Tomography/Computed Tomography for Evaluating Response to Neoadjuvant Chemotherapy in a Patient with Periosteal Osteosarcoma. Cureus, 2018, 10, e3655.	0.2	10
45	Long-Term Results of Stent Placement in Patients with Outflow Block After Living-Donor-Liver Transplantation. CardioVascular and Interventional Radiology, 2016, 39, 566-574.	0.9	9
46	Development of a Novel Prognostic Risk Classification System for Malignant Pleural Mesothelioma. Clinical Lung Cancer, 2020, 21, 66-74.e2.	1.1	9
47	Hepatic Artery Embolization Induces the Local Overexpression of Transforming Growth Factor β 21 in a Rat Hepatoma Model. Liver Cancer, 2020, 9, 63-72.	4.2	9
48	Location of embolization affects patency after coil embolization for pulmonary arteriovenous malformations: importance of time-resolved magnetic resonance angiography for diagnosis of patency. European Radiology, 2021, 31, 5409-5420.	2.3	9
49	Development and Accuracy Evaluation of Augmented Reality-based Patient Positioning System in Radiotherapy: A Phantom Study. In Vivo, 2021, 35, 2081-2087.	0.6	9
50	Comparison of 11C-choline Positron Emission Tomography/Computed Tomography (PET/CT) and Conventional Imaging for Detection of Recurrent Prostate Cancer. Cureus, 2018, 10, e2966.	0.2	9
51	Radiation Pneumonitis After Volumetric Modulated Arc Therapy for Non-small Cell Lung Cancer. Anticancer Research, 2021, 41, 5793-5802.	0.5	9
52	Radiological anatomy of spontaneous splenorenal shunts in patients with chronic liver disease. Japanese Journal of Radiology, 2017, 35, 206-214.	1.0	8
53	Early evaluation of tumor response to 90Y-ibritumomab radioimmunotherapy in relapsed/refractory B cell non-Hodgkin lymphoma: what is the optimal timing for FDG-PET/CT?. European Radiology, 2019, 29, 3935-3944.	2.3	8
54	Hepatic Artery Embolization Enhances Expression of Programmed Cell Death 1 Ligand 1 in an Orthotopic Rat Hepatocellular Carcinoma Model: In Vivo and In Vitro Experimentation. Journal of Vascular and Interventional Radiology, 2020, 31, 1475-1482.e2.	0.2	8

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55	Clinical utility of FDG-PET/CT for post-surgery surveillance of malignant pleural mesothelioma “ Comparison with contrast-enhanced CT. <i>Oncotarget</i> , 2019, 10, 6816-6828.	0.8	8
56	Neuroendocrine carcinoma of uterine cervix findings shown by MRI for staging and survival analysis - Japan multicenter study. <i>Oncotarget</i> , 2020, 11, 3675-3686.	0.8	8
57	Safety and Clinical Outcomes of Percutaneous Radiofrequency Ablation for Intermediate and Large Bone Tumors Using a Multiple-Electrode Switching System: A Phase II Clinical Study. <i>Journal of Vascular and Interventional Radiology</i> , 2016, 27, 388-394.	0.2	7
58	Characteristics of MR Imaging for Staging and Survival Analysis of Neuroendocrine Carcinoma of the Endometrium: A Multicenter Study in Japan. <i>Magnetic Resonance in Medical Sciences</i> , 2021, 20, 236-244.	1.1	7
59	Response to Immune Checkpoint Inhibitor Therapy in Patients with Unresectable Recurrent Malignant Pleural Mesothelioma Shown by FDG-PET and CT. <i>Cancers</i> , 2021, 13, 1098.	1.7	7
60	Diagnostic performance of C-choline PET/CT and bone scintigraphy in the detection of bone metastases in patients with prostate cancer. <i>Nagoya Journal of Medical Science</i> , 2017, 79, 387-399.	0.6	7
61	Usefulness of quantitative bone SPECT/CT for medication-related osteonecrosis of the jaw in clinical settings. <i>Japanese Journal of Radiology</i> , 2022, 40, 492-499.	1.0	7
62	Clinical utility of radiofrequency ablation following transarterial injection of miriplatin-iodized oil suspension in small hepatocellular carcinoma. <i>Japanese Journal of Radiology</i> , 2016, 34, 640-646.	1.0	6
63	Assessment of tumor response to chemoradiotherapy and predicting prognosis in patients with head and neck squamous cell carcinoma by PERCIST. <i>Annals of Nuclear Medicine</i> , 2018, 32, 453-462.	1.2	6
64	Pelvic MRI, FDG-PET/CT, and Somatostatin Receptor Scintigraphy Findings of Treatment-Related Neuroendocrine-Differentiated Prostate Cancer. <i>Case Reports in Oncology</i> , 2021, 14, 397-402.	0.3	6
65	Comparison of modified Response Evaluation Criteria in Solid Tumors, European Organization for Research and Treatment of Cancer criteria, and PET Response Criteria in Solid Tumors for evaluation of tumor response to chemotherapy and prognosis prediction in patients with unresectable malignant pleural mesothelioma. <i>Nuclear Medicine Communications</i> , 2020, 41, 790-799.	0.5	5
66	Arterial Embolization Using Microspheres for Hypervascular Liver Metastases Refractory to Standard Treatments: A Multicenter Prospective Clinical Trial. <i>CardioVascular and Interventional Radiology</i> , 2021, 44, 392-400.	0.9	5
67	C-Choline positive but F-FDG negative pancreatic metastasis from renal cell carcinoma on PET. <i>Nagoya Journal of Medical Science</i> , 2017, 79, 273-277.	0.6	5
68	Transportal Embolization of Intrahepatic Arteriportal Fistulae Refractory to Arterial Embolization. <i>Journal of Vascular and Interventional Radiology</i> , 2016, 27, 1749-1751.	0.2	4
69	Deep learning with deep convolutional neural network using FDG-PET/CT for malignant pleural mesothelioma diagnosis. <i>Oncotarget</i> , 2021, 12, 1187-1196.	0.8	4
70	Fluorodeoxyglucose versus Choline Positron Emission Tomography/Computed Tomography Response Evaluation in Two Malignant Pleural Mesothelioma Patients Treated with Talc Pleurodesis and Neoadjuvant Chemotherapy. <i>Cureus</i> , 2018, 10, e3654.	0.2	4
71	11C-Choline-Avid but 18F-FDG-Nonavid Prostate Cancer with Lymph Node Metastases on Positron Emission Tomography. <i>Case Reports in Oncology</i> , 2017, 9, 685-690.	0.3	3
72	Couch modeling optimization for tomotherapy planning and delivery. <i>Journal of Applied Clinical Medical Physics</i> , 2019, 20, 114-121.	0.8	3

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73	Delayed appearance of transient hyperintensity foci on T1-weighted magnetic resonance imaging in acute disseminated encephalomyelitis. Japanese Journal of Radiology, 2019, 37, 277-282.	1.0	3
74	CT Findings of Primary Renal Angiosarcoma. Case Reports in Oncology, 2021, 14, 212-216.	0.3	3
75	Usefulness of Quantitative Bone SPECT/CT for Evaluating Treatment Response in a Patient with Mandibular Osteomyelitis. Case Reports in Oncology, 2021, 14, 820-825.	0.3	3
76	Treatment algorithm for thrombocytopenia in patients with chronic liver disease undergoing planned invasive procedures. Hepatology Research, 2021, 51, 1181-1195.	1.8	3
77	Clinical T staging is superior to fluorodeoxyglucose positron emission tomography for predicting local outcomes after intra-arterial infusion chemoradiotherapy for maxillary sinus squamous cell carcinoma. Nagoya Journal of Medical Science, 2018, 80, 541-550.	0.6	3
78	How Compatible Are Immune Checkpoint Inhibitors and Thermal Ablation for Liver Metastases?. Cancers, 2022, 14, 2206.	1.7	3
79	Role of curative treatment in patients with intermediate-stage hepatocellular carcinoma. Japanese Journal of Radiology, 2017, 35, 254-261.	1.0	2
80	Clinicopathological features of radiological early malignant pleural mesothelioma with no apparent tumor or pleural thickening. International Journal of Clinical Oncology, 2021, 26, 95-103.	1.0	2
81	Usefulness of Quantitative Bone Single-Photon Emission Computed Tomography/Computed Tomography for Evaluating the Treatment Response of Bone Metastasis in a Lung Cancer Patient. Case Reports in Oncology, 2021, 14, 391-396.	0.3	2
82	MRI Finding of Prostatic Ductal Adenocarcinoma. Case Reports in Oncology, 2022, 14, 1387-1391.	0.3	2
83	Tiny Obturator Node Metastasis from Prostate Cancer Not Shown by FDG-PET/CT, CT, or MRI Detected by ¹¹ C-Choline PET/CT. Case Reports in Oncology, 2018, 11, 33-37.	0.3	1
84	Improved error detection using a divided treatment plan in volume modulated arc therapy. Reports of Practical Oncology and Radiotherapy, 2019, 24, 133-141.	0.3	1
85	Radiofrequency Ablation by a 21-Gauge Internally Cooled Electrode: Ex Vivo and In Vivo Evaluation by Rat Liver. CardioVascular and Interventional Radiology, 2021, 44, 150-155.	0.9	1
86	Accurate Monitoring of the Response of Bone Metastases to Treatment in Patients with Prostate Cancer Using Choline PET/CT. Case Reports in Oncology, 2021, 14, 520-524.	0.3	1
87	Long-term survival following radiofrequency ablation of lung metastases in an elderly patient with calcaneal osteosarcoma. Medicine (United States), 2021, 100, e26681.	0.4	1
88	Successful Embolization of Collaterals from the Round Ligament Artery during Uterine Artery Embolization for Traumatic Uterine Leiomyoma Rupture: A Case Report. Interventional Radiology, 2021, 6, 108-111.	0.2	1
89	Use of Microballoon Catheter in Transarterial Ethanol Embolization of Renal Angiomyolipoma: A Retrospective Comparative Study with Historical Control?. Interventional Radiology, 2022, 7, 9-16.	0.2	1
90	Evaluation of Treatment Response in Prostate Cancer and Renal Cell Carcinoma Patients Using ¹¹ C-choline PET/CT Findings. Acta Medica Okayama, 2019, 73, 341-347.	0.1	1

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91	Radiofrequency Ablation Effectively Treated Focal Recurrence of Mesothelioma. <i>Annals of Thoracic Surgery</i> , 2018, 105, e265-e267.	0.7	0
92	Advances in percutaneous lung tumor therapy: 2019 update. <i>Chinese Clinical Oncology</i> , 2019, 8, 64-64.	0.4	0
93	Oesophageal Cancer: Conformal Radiotherapy <i>vs.</i> Hybrid-VMAT Technique With Two Different Treatment Planning Systems. <i>In Vivo</i> , 2020, 34, 331-337.	0.6	0
94	Metastasis-Directed Radiotherapy for Oligoprogressive Castration-Resistant Prostate Cancer Recurrence Revealed by Choline PET/CT. <i>Case Reports in Oncology</i> , 2021, 14, 13-16.	0.3	0
95	Repeat Radiofrequency Ablation for Painful Sacrococcygeal Chordoma Refractory to Proton Therapy: A Case Report. <i>Interventional Radiology</i> , 2017, 2, 108-110.	0.2	0
96	Phase II trial of sorafenib combined with on-demand transarterial chemoembolization for advanced stage hepatocellular carcinoma (Barcelona Clinic Liver Cancer stage C): STAB study.. <i>Journal of Clinical Oncology</i> , 2017, 35, e15648-e15648.	0.8	0
97	The Potential Use of 11C-Choline Positron Emission Tomography/Computed Tomography to Monitor the Treatment Effects of Radium-223 in a Patient with Prostate Cancer. <i>Cureus</i> , 2018, 10, e2948.	0.2	0
98	Biomarkers of Liver Hypertrophy after Balloon-occluded Retrograde Transvenous Obliteration. <i>Interventional Radiology</i> , 2019, 4, 21-26.	0.2	0
99	Lymphangiography as a Treatment for Refractory Congenital Chylothorax Due to RASopathies: A Report of Two Cases. <i>Interventional Radiology</i> , 2022, , .	0.2	0
100	CT and MRI Findings of Inflammatory Myofibroblastic Tumor in the Bladder. <i>Case Reports in Oncology</i> , 2022, 15, 120-125.	0.3	0