

Sang Min Yoon

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Efficacy and Safety of Transarterial Chemoembolization Plus External Beam Radiotherapy vs Sorafenib in Hepatocellular Carcinoma With Macroscopic Vascular Invasion. <i>JAMA Oncology</i> , 2018, 4, 661.	7.1	311
2	Radiotherapy Plus Transarterial Chemoembolization for Hepatocellular Carcinoma Invading the Portal Vein: Long-Term Patient Outcomes. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 82, 2004-2011.	0.8	201
3	Stereotactic Body Radiation Therapy as an Alternative Treatment for Small Hepatocellular Carcinoma. <i>PLoS ONE</i> , 2013, 8, e79854.	2.5	147
4	Radiation-induced liver disease after stereotactic body radiotherapy for small hepatocellular carcinoma: clinical and dose-volumetric parameters. <i>Radiation Oncology</i> , 2013, 8, 249.	2.7	101
5	Local Control Outcomes Using Stereotactic Body Radiation Therapy for Liver Metastases From Colorectal Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 876-883.	0.8	86
6	Comparison of Chemoembolization with and without Radiation Therapy and Sorafenib for Advanced Hepatocellular Carcinoma with Portal Vein Tumor Thrombosis: A Propensity Score Analysis. <i>Journal of Vascular and Interventional Radiology</i> , 2015, 26, 320-329.e6.	0.5	75
7	Abdominal multi-organ auto-segmentation using 3D-patch-based deep convolutional neural network. <i>Scientific Reports</i> , 2020, 10, 6204.	3.3	59
8	Verification of Accuracy of CyberKnife Tumor-tracking Radiation Therapy Using Patient-specific Lung Phantoms. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 92, 745-753.	0.8	58
9	Radiotherapeutic strategies for hepatocellular carcinoma with portal vein tumour thrombosis in a hepatitis B endemic area. <i>Liver International</i> , 2017, 37, 90-100.	3.9	58
10	Stereotactic body radiation therapy for small (≤ 5 cm) hepatocellular carcinoma not amenable to curative treatment: Results of a single-arm, phase II clinical trial. <i>Clinical and Molecular Hepatology</i> , 2020, 26, 506-515.	8.9	52
11	The polymorphism and haplotypes of XRCC1 and survival of non-small-cell lung cancer after radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005, 63, 885-891.	0.8	50
12	Consensus on Stereotactic Body Radiation Therapy for Small-Sized Hepatocellular Carcinoma at the 7th Asia-Pacific Primary Liver Cancer Expert Meeting. <i>Liver Cancer</i> , 2017, 6, 264-274.	7.7	46
13	Stereotactic body radiation therapy for locally advanced pancreatic cancer. <i>PLoS ONE</i> , 2019, 14, e0214970.	2.5	45
14	Clinical results of stereotactic body frame based fractionated radiation therapy for primary or metastatic thoracic tumors. <i>Acta Oncologica</i> , 2006, 45, 1108-1114.	1.8	42
15	Clinical impact of combined transarterial chemoembolization and radiotherapy for advanced hepatocellular carcinoma with portal vein tumor thrombosis: An external validation study. <i>Radiotherapy and Oncology</i> , 2016, 118, 408-415.	0.6	38
16	High-dose radiotherapy is associated with better local control of bone metastasis from hepatocellular carcinoma. <i>Oncotarget</i> , 2017, 8, 15182-15192.	1.8	35
17	Management of primary hepatic malignancies during the COVID-19 pandemic: recommendations for risk mitigation from a multidisciplinary perspective. <i>The Lancet Gastroenterology and Hepatology</i> , 2020, 5, 765-775.	8.1	33
18	Postoperative Chemoradiotherapy for Extrahepatic Bile Duct Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 79, 696-704.	0.8	32

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19	A Prospective Phase 2 Multicenter Study for the Efficacy of Radiation Therapy Following Incomplete Transarterial Chemoembolization in Unresectable Hepatocellular Carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 1051-1060.	0.8	32
20	Stereotactic Body Radiotherapy-Induced Arterial Hypervascularity of Non-Tumorous Hepatic Parenchyma in Patients with Hepatocellular Carcinoma: Potential Pitfalls in Tumor Response Evaluation on Multiphase Computed Tomography. <i>PLoS ONE</i> , 2014, 9, e90327.	2.5	31
21	Stereotactic body radiation therapy using a respiratory-gated volumetric-modulated arc therapy technique for small hepatocellular carcinoma. <i>BMC Cancer</i> , 2018, 18, 416.	2.6	30
22	Efficacy and safety of ultrasound-guided implantation of fiducial markers in the liver for stereotactic body radiation therapy. <i>PLoS ONE</i> , 2017, 12, e0179676.	2.5	30
23	Radioresponse of Hepatocellular Carcinoma-Treatment of Lymph Node Metastasis. <i>Cancer Research and Treatment</i> , 2004, 36, 79.	3.0	29
24	Concurrent Chemoradiotherapy with Temozolomide Followed by Adjuvant Temozolomide for Newly Diagnosed Glioblastoma Patients: A Retrospective Multicenter Observation Study in Korea. <i>Cancer Research and Treatment</i> , 2017, 49, 193-203.	3.0	26
25	Chemoembolization Plus Radiotherapy versus Chemoembolization Plus Sorafenib for the Treatment of Hepatocellular Carcinoma Invading the Portal Vein: A Propensity Score Matching Analysis. <i>Cancers</i> , 2020, 12, 1116.	3.7	25
26	Two-week schedule of hypofractionated radiotherapy as a local salvage treatment for small hepatocellular carcinoma. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2013, 28, 1638-1642.	2.8	23
27	Radiotherapy for Adrenal Metastasis from Hepatocellular Carcinoma: A Multi-Institutional Retrospective Study (KROG 13-05). <i>PLoS ONE</i> , 2016, 11, e0152642.	2.5	22
28	Liver Transplantation After Transarterial Chemoembolization and Radiotherapy for Hepatocellular Carcinoma with Vascular Invasion. <i>Journal of Gastrointestinal Surgery</i> , 2017, 21, 275-283.	1.7	22
29	Evaluation of variability in target volume delineation for newly diagnosed glioblastoma: a multi-institutional study from the Korean Radiation Oncology Group. <i>Radiation Oncology</i> , 2016, 10, 137.	2.7	20
30	Clinical outcomes of stereotactic body radiation therapy for small hepatocellular carcinoma. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2020, 35, 1953-1959.	2.8	19
31	Functional Impairments in the Mental Health, Depression and Anxiety Related to the Viral Epidemic, and Disruption in Healthcare Service Utilization among Cancer Patients in the COVID-19 Pandemic Era. <i>Cancer Research and Treatment</i> , 2022, 54, 671-679.	3.0	19
32	Treatment Outcome after Fractionated Conformal Radiotherapy for Hepatocellular Carcinoma in Patients with Child-Pugh Classification B in Korea (KROG 16-05). <i>Cancer Research and Treatment</i> , 2019, 51, 1589-1599.	3.0	18
33	Combined transarterial chemoembolization and radiotherapy as a first-line treatment for hepatocellular carcinoma with macroscopic vascular invasion: Necessity to subclassify Barcelona Clinic Liver Cancer stage C. <i>Radiotherapy and Oncology</i> , 2019, 141, 95-100.	0.6	17
34	Prognostic group stratification and nomogram for predicting overall survival in patients who received radiotherapy for abdominal lymph node metastasis from hepatocellular carcinoma: a multi-institutional retrospective study (KROG 15-02). <i>Oncotarget</i> , 2017, 8, 94450-94461.	1.8	15
35	Targeting Accuracy of Image-Guided Stereotactic Body Radiation Therapy for Hepatocellular Carcinoma in Real-Life Clinical Practice: In Vivo Assessment Using Hepatic Parenchymal Changes on Gd-EOB-DTPA-Enhanced Magnetic Resonance Images. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 867-874.	0.8	15
36	Consensus Report From the Miami Liver Proton Therapy Conference. <i>Frontiers in Oncology</i> , 2019, 9, 457.	2.8	15

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37	Alpha-fetoprotein normalization as a prognostic surrogate in small hepatocellular carcinoma after stereotactic body radiotherapy: a propensity score matching analysis. <i>BMC Cancer</i> , 2015, 15, 987.	2.6	14
38	Combined Cisplatin-Based Chemoembolization and Radiation Therapy for Hepatocellular Carcinoma Invading the Main Portal Vein. <i>Journal of Vascular and Interventional Radiology</i> , 2015, 26, 1130-1138.	0.5	14
39	Interobserver variability in gross tumor volume delineation for hepatocellular carcinoma. <i>Strahlentherapie Und Onkologie</i> , 2016, 192, 714-721.	2.0	14
40	Radiofrequency ablation versus stereotactic body radiation therapy for small ($\leq 3\text{ cm}$) hepatocellular carcinoma: A retrospective comparison analysis. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2021, 36, 1962-1970.	2.8	14
41	Role of palliative radiotherapy in bleeding control in patients with unresectable advanced gastric cancer. <i>BMC Cancer</i> , 2021, 21, 413.	2.6	14
42	Whole pelvic intensity-modulated radiotherapy for high-risk prostate cancer: a preliminary report. <i>Radiation Oncology Journal</i> , 2013, 31, 199.	1.5	14
43	Role of fractionated radiotherapy in patients with hemangioma of the cavernous sinus. <i>Radiation Oncology Journal</i> , 2017, 35, 268-273.	1.5	14
44	Clinical Practice Patterns of Radiotherapy in Patients with Hepatocellular Carcinoma: A Korean Radiation Oncology Group Study (KROG 14-07). <i>Cancer Research and Treatment</i> , 2017, 49, 61-69.	3.0	14
45	Gated Volumetric-Modulated Arc Therapy vs. Tumor-Tracking CyberKnife Radiotherapy as Stereotactic Body Radiotherapy for Hepatocellular Carcinoma: A Dosimetric Comparison Study Focused on the Impact of Respiratory Motion Managements. <i>PLoS ONE</i> , 2016, 11, e0166927.	2.5	13
46	Evaluation of Hepatic Toxicity after Repeated Stereotactic Body Radiation Therapy for Recurrent Hepatocellular Carcinoma using Deformable Image Registration. <i>Scientific Reports</i> , 2018, 8, 16224.	3.3	13
47	Postoperative radiotherapy for gallbladder cancer. <i>Anticancer Research</i> , 2014, 34, 5621-9.	1.1	13
48	Multicenter Validation Study of a Prognostic Index for Portal Vein Tumor Thrombosis in Hepatocellular Carcinoma. <i>Cancer Research and Treatment</i> , 2014, 46, 348-357.	3.0	12
49	Hepatic reaction dose for parenchymal changes on G-EOB-$DTPA$-enhanced magnetic resonance images after stereotactic body radiation therapy for hepatocellular carcinoma. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2016, 60, 96-101.	1.8	11
50	Hypofractionated intensity-modulated radiotherapy using simultaneous integrated boost technique with concurrent and adjuvant temozolomide for glioblastoma. <i>Tumori</i> , 2013, 99, 480-487.	1.1	10
51	Evaluation of quality of life using a tablet PC-based survey in cancer patients treated with radiotherapy: a multi-institutional prospective randomized crossover comparison of paper and tablet PC-based questionnaires (KROG 12-01). <i>Supportive Care in Cancer</i> , 2016, 24, 4399-4406.	2.2	10
52	Effects of total body irradiation-based conditioning on allogeneic stem cell transplantation for pediatric acute leukemia: a single-institution study. <i>Radiation Oncology Journal</i> , 2014, 32, 198.	1.5	10
53	Propensity Score Matching Analysis of Changes in Alpha-Fetoprotein Levels after Combined Radiotherapy and Transarterial Chemoembolization for Hepatocellular Carcinoma with Portal Vein Tumor Thrombus. <i>PLoS ONE</i> , 2015, 10, e0135298.	2.5	8
54	Radiofrequency Ablation versus Stereotactic Body Radiation Therapy in the Treatment of Colorectal Cancer Liver Metastases. <i>Cancer Research and Treatment</i> , 2022, 54, 850-859.	3.0	8

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55	Refining prognostic stratification of human papillomavirus-related oropharyngeal squamous cell carcinoma: different prognosis between T1 and T2. <i>Radiation Oncology Journal</i> , 2017, 35, 233-240.	1.5	7
56	Total Mesorectal Excision Versus Local Excision After Preoperative Chemoradiotherapy in Rectal Cancer With Lymph Node Metastasis: A Propensity Score Matched Analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 101, 630-639.	0.8	6
57	Long-term outcomes of the 2-week schedule of hypofractionated radiotherapy for recurrent hepatocellular carcinoma. <i>BMC Cancer</i> , 2018, 18, 1040.	2.6	6
58	Geometric and dosimetric verification of a recurrent neural network algorithm to compensate for respiratory motion using an articulated robotic couch. <i>Journal of the Korean Physical Society</i> , 2021, 78, 64-72.	0.7	6
59	Total Mesorectal Excision Versus Local Excision After Favorable Response to Preoperative Chemoradiotherapy in Early Clinical T3 Rectal Cancer: A Propensity Score Analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 136-144.	0.8	5
60	Feasibility Study of Polymer Gel Dosimetry Using a 3D Printed Phantom for Liver Cancer Radiotherapy. <i>Journal of the Korean Physical Society</i> , 2020, 76, 453-457.	0.7	5
61	External Beam Radiotherapy for Hepatocellular Carcinoma: a Review of the Current Guidelines in the East and the West. <i>Journal of Liver Cancer</i> , 2021, 21, 25-33.	1.1	5
62	Patterns of recurrence after radiation therapy for high-risk neuroblastoma. <i>Radiation Oncology Journal</i> , 2019, 37, 224-231.	1.5	5
63	Evaluation of delivered dose to a moving target by 4D dose reconstruction in gated volumetric modulated arc therapy. <i>PLoS ONE</i> , 2018, 13, e0202765.	2.5	4
64	Dosimetric analysis of stereotactic rotational versus static intensity-modulated radiation therapy for pancreatic cancer. <i>Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique</i> , 2018, 22, 754-762.	1.4	4
65	Combined Chemoembolization and Radiotherapy Versus Chemoembolization Alone for Hepatocellular Carcinoma Invading the Hepatic Vein or Inferior Vena Cava. <i>CardioVascular and Interventional Radiology</i> , 2021, 44, 1060-1069.	2.0	4
66	Identification of Induced-Radioactivity in Medical LINAC Using a NaI(Tl)-Crystal Detector. <i>Progress in Nuclear Science and Technology</i> , 2011, 1, 525-528.	0.3	4
67	Stereotactic body radiation therapy as a salvage treatment for single viable hepatocellular carcinoma at the site of incomplete transarterial chemoembolization: a retrospective analysis of 302 patients. <i>BMC Cancer</i> , 2022, 22, 175.	2.6	4
68	Long-term complete response after transcatheter arterial chemoembolization and stereotactic body radiation therapy in a patient with hepatocellular carcinoma at the caudate lobe. <i>Annals of Hepato-biliary-pancreatic Surgery</i> , 2018, 22, 274.	0.1	3
69	Multi-Institutional Retrospective Study of Radiotherapy for Hepatocellular Carcinoma in the Caudate Lobe. <i>Frontiers in Oncology</i> , 2021, 11, 646473.	2.8	3
70	Postoperative Radiotherapy for Pancreatic Cancer with Microscopically-positive Resection Margin. <i>Anticancer Research</i> , 2017, 37, 755-764.	1.1	3
71	Radiotherapy for mandibular metastases from hepatocellular carcinoma: a single institutional experience. <i>Radiation Oncology Journal</i> , 2019, 37, 286-292.	1.5	3
72	Long-term oncologic and complication outcomes in anal cancer patients treated with radiation therapy. <i>Journal of Cancer Research and Therapeutics</i> , 2020, 16, 194.	0.9	3

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73	Stereotactic Body Radiation Therapy versus Concurrent Chemoradiotherapy for Locally Advanced Pancreatic Cancer: A Propensity Score-Matched Analysis. <i>Cancers</i> , 2022, 14, 1166.	3.7	3
74	Radiation therapy for recurrent extrahepatic bile duct cancer. <i>PLoS ONE</i> , 2021, 16, e0253285.	2.5	2
75	Postoperative radiotherapy for gallbladder cancer.. <i>Journal of Clinical Oncology</i> , 2013, 31, 289-289.	1.6	2
76	Radiologic Response as a Prognostic Factor in Advanced Hepatocellular Carcinoma with Macroscopic Vascular Invasion after Transarterial Chemoembolization and Radiotherapy. <i>Liver Cancer</i> , 2022, 11, 152-161.	7.7	2
77	Evaluation of Dosimetric Leaf Gap (DLG) at Different Depths for Dynamic IMRT. <i>Progress in Medical Physics</i> , 2015, 26, 153.	0.4	1
78	Response to Is radiotherapy the best option for treating hepatocellular carcinoma with <scp>PVTT</scp>?. <i>Liver International</i> , 2017, 37, 308-309.	3.9	1
79	Evaluation of the Dosimetric Accuracy of Brain Stereotactic Radiotherapy by Using a Hybrid Quality Assurance (QA) Toolkit. <i>Journal of the Korean Physical Society</i> , 2019, 74, 292-297.	0.7	1
80	In reply to Huo et al.: Treating small hepatocellular carcinoma: Stereotactic body radiation therapy <i>versus</i> radiofrequency ablation. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2020, 35, 2293-2293.	2.8	0
81	Definitive Radiotherapy for Locally Advanced Hepatocellular Carcinoma. , 2021, , 191-207.		0
82	Safety and efficacy of 10-fraction hypofractionated radiation therapy for non-small cell lung cancer. <i>Radiation Oncology Journal</i> , 2021, 39, 202-209.	1.5	0
83	Effect of transarterial chemoembolization plus external beam radiotherapy on survival of patients with hepatocellular carcinoma showing macroscopic vascular invasion compared with sorafenib: A randomized trial.. <i>Journal of Clinical Oncology</i> , 2018, 36, 210-210.	1.6	0
84	Combined radiotherapy and transarterial chemoembolization as a first-line treatment for hepatocellular carcinoma with macroscopic vascular invasion.. <i>Journal of Clinical Oncology</i> , 2019, 37, 452-452.	1.6	0
85	Combined Transarterial Chemoembolization and External Beam Radiotherapy in a Patient with Recurrent Huge Hepatocellular Carcinoma after Hepatic Resection. <i>Journal of Liver Cancer</i> , 2020, 20, 90-97.	1.1	0