Seung Hyuck Jeon

List of Publications by Year
in descending order

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69 papers	1,021 citations	471509 17 h-index	454955 30 g-index
69 all docs	69 docs citations	69 times ranked	1826 citing authors

#	Article	IF	Citations
1	PD-L1 expression is associated with epithelial-mesenchymal transition in head and neck squamous cell carcinoma. Oncotarget, 2016, 7, 15901-15914.	1.8	125
2	Prediction of Pseudoprogression versus Progression using Machine Learning Algorithm in Glioblastoma. Scientific Reports, 2018, 8, 12516.	3.3	88
3	Changes in programmed death-ligand 1 expression during cisplatin treatment in patients with head and neck squamous cell carcinoma. Oncotarget, 2017, 8, 97920-97927.	1.8	69
4	Chemoradiation-Induced Alteration of Programmed Death-Ligand 1 and CD8 + Tumor-Infiltrating Lymphocytes Identified Patients With Poor Prognosis in Rectal Cancer: AÂMatched Comparison Analysis. International Journal of Radiation Oncology Biology Physics, 2017, 99, 1216-1224.	0.8	68
5	Uncoupling immune trajectories of response and adverse events from anti-PD-1 immunotherapy in hepatocellular carcinoma. Journal of Hepatology, 2022, 77, 683-694.	3.7	45
6	Airâ€“electron stream interactions during magnetic resonance IGRT. Strahlentherapie Und Onkologie, 2018, 194, 50-59.	2.0	44
7	Advanced hypopharyngeal carcinoma treatment results according to treatment modalities. Head and Neck, 2001, 23, 713-717.	2.0	41
8	Induction chemotherapy in head and neck squamous cell carcinoma of the paranasal sinus and nasal cavity: a role in organ preservation. Korean Journal of Internal Medicine, 2016, 31, 570-578.	1.7	38
9	A comparative planning study for lung SABR between tri-Co-60 magnetic resonance image guided radiation therapy system and volumetric modulated arc therapy. Radiotherapy and Oncology, 2016, 120, 279-285.	0.6	37
10	Comparison of treatment plans between IMRT with MR-linac and VMAT for lung SABR. Radiation Oncology, 2019, 14, 105.	2.7	35
11	Predictive and prognostic value of PET/CT imaging post-chemoradiotherapy and clinical decision-making consequences in locally advanced head & neck squamous cell carcinoma: a retrospective study. BMC Cancer, 2016, 16, 116.	2.6	31
12	Long-term oncological and functional outcomes of induction chemotherapy followed by (chemo)radiotherapy vs definitive chemoradiotherapy vs surgery-based therapy in locally advanced stage III/IV hypopharyngeal cancer: Multicenter review of 266 cases. Oral Oncology, 2019, 89, 84-94.	1.5	27
13	A Phase II Study of Genexol-PM and Cisplatin as Induction Chemotherapy in Locally Advanced Head and Neck Squamous Cell Carcinoma. Oncologist, 2019, 24, 751-e231.	3.7	21
14	Effect of bone marrow-derived stem cells and bone morphogenetic protein-2 on treatment of osteoradionecrosis in a rat model. Journal of Cranio-Maxillo-Facial Surgery, 2015, 43, 1478-1486.	1.7	20
15	Development of patientâ€controlled respiratory gating system based on visual guidance for magneticâ€resonance imageâ€guided radiation therapy. Medical Physics, 2017, 44, 4838-4846.	3.0	18
16	Correlation analysis between 2D and quasi-3D gamma evaluations for both intensity-modulated radiation therapy and volumetric modulated arc therapy. Oncotarget, 2017, 8, 5449-5459.	1.8	18
17	Additional prognostic role of EGFR activating mutations in lung adenocarcinoma patients with brain metastasis: Integrating with lung specific GPA score. Lung Cancer, 2014, 86, 363-368.	2.0	17
18	Identification of genomic mutations associated with clinical outcomes of induction chemotherapy in patients with head and neck squamous cell carcinoma. Journal of Cancer Research and Clinical Oncology, 2016, 142, 873-883.	2.5	17

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19	Efficacy of adjuvant radiotherapy in the intracranial hemangiopericytoma. Journal of Neuro-Oncology, 2018, 137, 567-573.	2.9	17
20	The Role of Postoperative Radiotherapy in Intracranial Solitary Fibrous Tumor/Hemangiopericytoma: A Multi-institutional Retrospective Study (KROG 18-11). Cancer Research and Treatment, 2022, 54, 65-74.	3.0	17
21	The Role of Neoadjuvant Chemotherapy in the Treatment of Nasopharyngeal Carcinoma: A Multi-institutional Retrospective Study (KROG 11-06) Using Propensity Score Matching Analysis. Cancer Research and Treatment, 2016, 48, 917-927.	3.0	17
22	Severe late dysphagia after multimodal treatment of stage III/IV laryngeal and hypopharyngeal cancer. Japanese Journal of Clinical Oncology, 2020, 50, 185-192.	1.3	15
23	Effect of induction chemotherapy on survival in locally advanced head and neck squamous cell carcinoma treated with concurrent chemoradiotherapy: Single center experience. Head and Neck, 2016, 38, 277-284.	2.0	14
24	Role of concurrent chemoradiation on locally advanced unresectable adenoid cystic carcinoma. Korean Journal of Internal Medicine, 2021, 36, 175-181.	1.7	13
25	Effect of mesenchymal stem cells and platelet-derived growth factor on the healing of radiation induced ulcer in rats. Tissue Engineering and Regenerative Medicine, 2016, 13, 78-90.	3.7	12
26	Poor prognostic factors in human papillomavirus-positive head and neck cancer: who might not be candidates for de-escalation treatment?. Korean Journal of Internal Medicine, 2019, 34, 1313-1323.	1.7	12
27	Flexible film dosimeter for in vivo dosimetry. Medical Physics, 2020, 47, 3204-3213.	3.0	11
28	Gamma analysis with a gamma criterion of 2%/1 mm for stereotactic ablative radiotherapy delivered with volumetric modulated arc therapy technique: a single institution experience. Oncotarget, 2017, 8, 76076-76084.	1.8	10
29	Effects of trastuzumab on locoregional recurrence in human epidermal growth factor receptor 2-overexpressing breast cancer patients treated with chemotherapy and radiotherapy. Breast Cancer Research and Treatment, 2018, 172, 619-626.	2.5	10
30	Shape memory alloy (SMA)-based head and neck immobilizer for radiotherapy. Journal of Computational Design and Engineering, 2015, 2, 176-182.	3.1	9
31	Effect of changes in monitor unit rate and energy on dose rate of total marrow irradiation based on Linac volumetric arc therapy. Radiation Oncology, 2019, 14, 87.	2.7	9
32	Risk stratification of symptomatic brain metastases by clinical and FDG PET parameters for selective use of prophylactic cranial irradiation in patients with extensive disease of small cell lung cancer. Radiotherapy and Oncology, 2020, 143, 81-87.	0.6	9
33	Comparison of the IPSA and HIPO algorithms for interstitial tongue high-dose-rate brachytherapy. PLoS ONE, 2018, 13, e0205229.	2.5	8
34	Gamma Evaluation with Portal Dosimetry for Volumetric Modulated Arc Therapy and Intensity-Modulated Radiation Therapy. Progress in Medical Physics, 2017, 28, 61.	0.3	7
35	Technological Advances in Charged-Particle Therapy. Cancer Research and Treatment, 2021, 53, 635-640.	3.0	7
36	Re-irradiation for recurrent or second primary head and neck cancer. Radiation Oncology Journal, 2021, 39, 279-287.	1.5	7

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37	Implication of Tumor Location for Lymph Node Metastasis in Maxillary Sinus Carcinoma: Indications for Elective Neck Treatment. Journal of Oral and Maxillofacial Surgery, 2017, 75, 858-866.	1.2	6
38	Contact lensâ€type ocular in vivo dosimeter for radiotherapy. Medical Physics, 2020, 47, 722-735.	3.0	6
39	Generation of virtual lung singleâ€photon emission computed tomography/CT fusion images for functional avoidance radiotherapy planning using machine learning algorithms. Journal of Medical Imaging and Radiation Oncology, 2019, 63, 229-235.	1.8	5
40	Who Will Benefit from Charged-Particle Therapy?. Cancer Research and Treatment, 2021, 53, 621-634.	3.0	5
41	A Case Report of Salvage Radiotherapy for a Patient with Recurrent Gastric Cancer and Multiple Comorbidities Using Real-time MRI-guided Adaptive Treatment System. Cureus, 2018, 10, e2471.	0.5	4
42	Radiotherapy Versus Surgery in Early-Stage HPV-positive Oropharyngeal Cancer. Cancer Research and Treatment, 2021, , .	3.0	4
43	Improvement of VMAT plan quality for head and neck cancer with high resolution fluences generated by couch shift between arcs. Physica Medica, 2018, 46, 1-6.	0.7	3
44	Improvement in sensitivity of radiochromic 3D dosimeter based on rigid polyurethane resin by incorporating tartrazine. PLoS ONE, 2020, 15, e0230410.	2.5	3
45	Positional uncertainties of cervical and upper thoracic spine in stereotactic body radiotherapy with thermoplastic mask immobilization. Radiation Oncology Journal, 2018, 36, 122-128.	1.5	3
46	Extended application of a CT-based artificial intelligence prognostication model in patients with primary lung cancer undergoing stereotactic ablative radiotherapy. Radiotherapy and Oncology, 2021, 165, 166-173.	0.6	3
47	Dosimetric effects on small-field beam-modeling for stereotactic body radiation therapy. Journal of the Korean Physical Society, 2015, 66, 678-693.	0.7	2
48	Clinical outcomes of stereotactic ablative radiotherapy in patients with pulmonary metastasis. Japanese Journal of Clinical Oncology, 2017, 47, 61-66.	1.3	2
49	Targeted next-generation DNA sequencing identifies Notch signaling pathway mutation as a predictor of radiation response. International Journal of Radiation Biology, 2019, 95, 1640-1647.	1.8	2
50	Correlation between 3D scanner image and MRI for tracking volume changes in head and neck cancer patients. Journal of Applied Clinical Medical Physics, 2021, 22, 86-93.	1.9	2
51	Correlation of the gamma passing rates with the differences in the dose-volumetric parameters between the original VMAT plans and actual deliveries of the VMAT plans. PLoS ONE, 2020, 15, e0244690.	2.5	2
52	Clinical Significance of Downstaging in Patients With Limited-Disease Small-Cell Lung Cancer. Clinical Lung Cancer, 2014, 15, e1-e6.	2.6	1
53	Aggressive Treatment Including Endonasal Surgical Sequestrectomy with Vascularized Nasoseptal Flap Can Improve Outcomes of Skull Base Osteoradionecrosis. Journal of Neurological Surgery, Part B: Skull Base, 0, , .	0.8	1
54	Solitary Splenic Metastasis from Head and Neck Cancer: A Case Report. Korean Journal of Medicine, 2013, 85, 324.	0.3	1

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55	Gold coated contact lens-type ocular in vivo dosimeter (CLOD) for monitoring of low dose in computed tomography: A Monte Carlo study. Physica Medica, 2021, 92, 1-7.	0.7	1
56	Analysis of Once-Daily Thoracic Radiotherapy Dose According to the Underlying Lung Disease in Patients with Limited-Stage Small Cell Lung Cancer Undergoing Concurrent Chemoradiotherapy. Cancer Research and Treatment, 2023, 55, 73-82.	3.0	1
57	Development of an anthropomorphic multimodality pelvic phantom for quantitative evaluation of a deepâ€learningâ€based synthetic computed tomography generation technique. Journal of Applied Clinical Medical Physics, 2022, , e13644.	1.9	1
58	Response of chemoradiation therapy after induction chemotherapy failure in locally advanced head and neck squamous cell carcinoma (LA-HNSCC).. Journal of Clinical Oncology, 2012, 30, 5552-5552.	1.6	0
59	Clinical significance of downstaging in patients treated with chemoradiotherapy for limited-disease small cell lung cancer.. Journal of Clinical Oncology, 2013, 31, e18555-e18555.	1.6	0
60	Outcome of definitive treatment of adenoid cystic carcinoma in the head and neck.. Journal of Clinical Oncology, 2014, 32, e17025-e17025.	1.6	0
61	Effect of induction chemotherapy (IC) on survival in locally advanced head and neck squamous cell carcinoma (LA-HNSCC) treated with chemoradiotherapy: Single center experience.. Journal of Clinical Oncology, 2014, 32, e17032-e17032.	1.6	0
62	Predictive and prognostic values of post chemoradiotherapy PET/CT and the effect of salvage surgery on survival in head and neck squamous cell carcinoma (HNSCC).. Journal of Clinical Oncology, 2015, 33, 6052-6052.	1.6	0
63	Poor prognostic factors in human papilloma virus-positive head and neck cancer: Who should not be candidate of de-escalated treatment?. Journal of Clinical Oncology, 2016, 34, 6078-6078.	1.6	0
64	Treatment failure pattern of oropharyngeal cancer, especially for the aspect of retropharyngeal lymph node.. Journal of Clinical Oncology, 2020, 38, e18565-e18565.	1.6	0
65	Reducing target volume in definitive radiotherapy for human papillomavirusâ€associated tonsil cancer. Head and Neck, 2022, 44, 989-997.	2.0	0
66	Title is missing!. , 2020, 15, e0230410.		0
67	Title is missing!. , 2020, 15, e0230410.		0
68	Title is missing!. , 2020, 15, e0230410.		0
69	Title is missing!. , 2020, 15, e0230410.		0