Dae Hyuk Moon

List of Publications by Year
in descending order

67	1,395	304743 22	361022 35
papers	citations	h-index	g-index

72	72	72	2152
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exploratory Clinical Trial of (4S)-4-(3-[18F]fluoropropyl)-<scp>l</scp>-glutamate for Imaging xCâ^' Transporter Using Positron Emission Tomography in Patients with Nonâ€“Small Cell Lung or Breast Cancer. Clinical Cancer Research, 2012, 18, 5427-5437.	7.0	114
2	TGF-Î²1-mediated repression of SLC7A11 drives vulnerability to GPX4 inhibition in hepatocellular carcinoma cells. Cell Death and Disease, 2020, 11, 406.	6.3	103
3	Diagnostic accuracy and safety of 16Î±-[18F]fluoro-17Î²-oestradiol PET-CT for the assessment of oestrogen receptor status in recurrent or metastatic lesions in patients with breast cancer: a prospective cohort study. Lancet Oncology, The, 2019, 20, 546-555.	10.7	85
4	Correlation between 99m Tc-pertechnetate uptakes and expressions of human sodium iodide symporter gene in breast tumor tissues. Nuclear Medicine and Biology, 2001, 28, 829-834.	0.6	81
5	Impact of Ischemia-Guided Revascularization With Myocardial Perfusion Imaging for Patients With Multivessel Coronary Disease. Journal of the American College of Cardiology, 2012, 60, 181-190.	2.8	67
6	Size control of self-assembled nanoparticles by an emulsion/solvent evaporation method. Colloid and Polymer Science, 2006, 284, 506-512.	2.1	60
7	(4S)-4-(3-¹⁸F-Fluoropropyl)-l-Glutamate for Imaging of x_C^{Â¯} Transporter Activity in Hepatocellular Carcinoma Using PET: Preclinical and Exploratory Clinical Studies. Journal of Nuclear Medicine, 2013, 54, 117-123.	5.0	57
8	Repeatability of hypoxia PET imaging using [18F]HX4 in lung and head and neck cancer patients: a prospective multicenter trial. European Journal of Nuclear Medicine and Molecular Imaging, 2015, 42, 1840-1849.	6.4	55
9	Pilot Preclinical and Clinical Evaluation of (4S)-4-(3-[18F]Fluoropropyl)-L-Glutamate (18F-FSPG) for PET/CT Imaging of Intracranial Malignancies. PLoS ONE, 2016, 11, e0148628.	2.5	51
10	Prognostic Significance of¹⁸F-FDG Uptake in Hepatocellular Carcinoma Treated with Transarterial Chemoembolization or Concurrent Chemoradiotherapy: A Multicenter Retrospective Cohort Study. Journal of Nuclear Medicine, 2016, 57, 509-516.	5.0	42
11	A Randomized Feasibility Study of ¹⁸F-Fluoroestradiol PET to Predict Pathologic Response to Neoadjuvant Therapy in Estrogen Receptorâ€“Rich Postmenopausal Breast Cancer. Journal of Nuclear Medicine, 2017, 58, 563-568.	5.0	40
12	The usefulness of hepatobiliary scintigraphy in the diagnosis of complications after adult-to-adult living donor liver transplantation. European Journal of Nuclear Medicine and Molecular Imaging, 2002, 29, 473-479.	6.4	35
13	Prognostic value of 18F-fluorodeoxyglucose positron emission tomography/computed tomography in patients with Barcelona Clinic Liver Cancer stages 0 and A hepatocellular carcinomas: a multicenter retrospective cohort study. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 1638-1645.	6.4	35
14	The automatic production of 16Î±-[18F]fluoroestradiol using a conventional [18F]FDG module with a disposable cassette system. Applied Radiation and Isotopes, 2007, 65, 676-681.	1.5	32
15	A phase 1, first-in-human study of 18F-GP1 positron emission tomography for imaging acute arterial thrombosis. EJNMMI Research, 2019, 9, 3.	2.5	31
16	Detection of internal mammary lymph node metastasis with 18F-fluorodeoxyglucose positron emission tomography/computed tomography in patients with stage III breast cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 438-445.	6.4	28
17	Feasibility of dynamic stress 201Tl/rest 99mTc-tetrofosmin single photon emission computed tomography for quantification of myocardial perfusion reserve in patients with stable coronary artery disease. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 2173-2180.	6.4	28
18	Value of supranormal function and renogram patterns on 99mTc-mercaptoacetyltriglycine scintigraphy in relation to the extent of hydronephrosis for predicting ureteropelvic junction obstruction in the newborn. Journal of Nuclear Medicine, 2003, 44, 725-31.	5.0	28

#	Article	IF	Citations
19	Glycoprotein IIb/IIIa Receptor Imaging with ¹⁸F-GP1 PET for Acute Venous Thromboembolism: An Open-Label, Nonrandomized, Phase 1 Study. Journal of Nuclear Medicine, 2019, 60, 244-249.	5.0	27
20	Diagnostic performance of breast-specific gamma imaging in the assessment of residual tumor after neoadjuvant chemotherapy in breast cancer patients. Breast Cancer Research and Treatment, 2014, 145, 91-100.	2.5	26
21	Comparison of diagnostic sensitivity of [18F]fluoroestradiol and [18F]fluorodeoxyglucose positron emission tomography/computed tomography for breast cancer recurrence in patients with a history of estrogen receptor-positive primary breast cancer. EJNMMI Research, 2020, 10, 54.	2.5	26
22	Exploratory Clinical Investigation of (4S)-4-(3-¹⁸F-Fluoropropyl)-l-Glutamate PET of Inflammatory and Infectious Lesions. Journal of Nuclear Medicine, 2016, 57, 67-69.	5.0	24
23	Comparison of synthesis yields of 3â€²-deoxy-3â€²-[18F]fluorothymidine by nucleophilic fluorination in various alcohol solvents. Journal of Labelled Compounds and Radiopharmaceuticals, 2008, 51, 80-82.	1.0	21
24	18F-FDG PET/CT is Useful for Pretreatment Assessment of the Histopathologic Type of Thymic Epithelial Tumors. Nuclear Medicine and Molecular Imaging, 2010, 44, 177-184.	1.0	21
25	Simulating technetium-99m cerebral perfusion studies with a three-dimensional Hoffman brain phantom: Collimator and filter selection in SPECT neuroimaging. Annals of Nuclear Medicine, 1996, 10, 153-160.	2.2	15
26	¹⁸Fâ€fluorodeoxyglucose uptake predicts pathological complete response after neoadjuvant chemotherapy for breast cancer: A retrospective cohort study. Journal of Surgical Oncology, 2013, 107, 180-187.	1.7	15
27	Predictors of Renal Functional Improvement After Pyeloplasty in Ureteropelvic Junction Obstruction: Clinical Value of Visually Assessed Renal Tissue Tracer Transit in 99m Tc-mercaptoacetyltriglycine Renography. Urology, 2017, 108, 149-154.	1.0	15
28	Clinical Evaluation of (4S)-4-(3-[18F]Fluoropropyl)-L-glutamate (18F-FSPG) for PET/CT Imaging in Patients with Newly Diagnosed and Recurrent Prostate Cancer. Clinical Cancer Research, 2020, 26, 5380-5387.	7.0	15
29	Thymidine phosphorylase influences [18F]fluorothymidine uptake in cancer cells and patients with non-small cell lung cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 1327-1335.	6.4	14
30	Tumoral accumulation of long-circulating, self-assembled nanoparticles and its visualization by gamma scintigraphy. Macromolecular Research, 2008, 16, 15-20.	2.4	13
31	Similar Impact of Clopidogrel or Ticagrelor on Carotid Atherosclerotic Plaque Inflammation. Clinical Cardiology, 2016, 39, 646-652.	1.8	13
32	Factors Affecting Accuracy of Ventricular Volume and Ejection Fraction Measured by Gated Tl-201 Myocardial Perfusion Single Photon Emission Computed Tomography. International Journal of Cardiovascular Imaging, 2006, 22, 671-681.	1.5	11
33	Factors Affecting Changes in the Glomerular Filtration Rate after Unilateral Nephrectomy in Living Kidney Donors and Patients with Renal Disease. Nuclear Medicine and Molecular Imaging, 2010, 44, 69-74.	1.0	11
34	Schedule-dependent synergistic effects of 5-fluorouracil and selumetinib in KRAS or BRAF mutant colon cancer models. Biochemical Pharmacology, 2019, 160, 110-120.	4.4	11
35	Imaging Atherosclerosis in the Carotid Arteries with F-18-Fluoro-2-deoxy-D-glucose Positron Emission Tomography: Effect of Imaging Time after Injection on Quantitative Measurement. Nuclear Medicine and Molecular Imaging, 2010, 44, 261-266.	1.0	10
36	Anatomic or Functional Evaluation as an Initial Test for Stable Coronary Artery Disease: A Propensity Score Analysis. Journal of Nuclear Medicine, 2016, 57, 1364-1369.	5.0	9

#	Article	IF	Citations
37	Comparison of Fimasartan and Amlodipine Therapy on Carotid Atherosclerotic Plaque Inflammation. Clinical Cardiology, 2018, 42, 241-246.	1.8	9
38	Hepatobiliary scintigraphy in the assessment of biliary obstruction after hepatic resection with biliary-enteric anastomosis. European Journal of Nuclear Medicine and Molecular Imaging, 2000, 27, 170-175.	6.4	8
39	Early assessment of tumor response to JAC106, an anti-tubulin agent, by 3â€²-deoxy-3â€²-[18F]fluorothymidine in preclinical tumor models. European Journal of Nuclear Medicine and Molecular Imaging, 2011, 38, 1436-1448.	6.4	8
40	Carotid inflammation on 18F-fluorodeoxyglucose positron emission tomography associates with recurrent ischemic lesions. Journal of the Neurological Sciences, 2014, 347, 242-245.	0.6	8
41	Effects of ezetimibe/simvastatin 10/10â€‰mg versus Rosuvastatin 10â€‰mg on carotid atherosclerotic plaque inflammation. BMC Cardiovascular Disorders, 2019, 19, 201.	1.7	8
42	3â€²-Deoxy-3â€™-18F-Fluorothymidine and 18F-Fluorodeoxyglucose positron emission tomography for the early prediction of response to Regorafenib in patients with metastatic colorectal cancer refractory to all standard therapies. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 1713-1722.	6.4	8
43	Comparison of High-Dose Rosuvastatin Versus Low-Dose Rosuvastatin Plus Ezetimibe on Carotid Atherosclerotic Plaque Inflammation in Patients with Acute Coronary Syndrome. Journal of Cardiovascular Translational Research, 2020, 13, 900-907.	2.4	8
44	Regorafenib-Induced Hypothyroidism as a Predictive Marker for Improved Survival in Metastatic or Unresectable Colorectal Cancer Refractory to Standard Therapies: A Prospective Single-Center Study. Targeted Oncology, 2019, 14, 689-697.	3.6	7
45	Positron emission tomography imaging of human colon cancer xenografts in mice with [18F]fluorothymidine after TAS-102 treatment. Cancer Chemotherapy and Pharmacology, 2015, 75, 1005-1013.	2.3	6
46	Radiation dosimetry of [18F]GP1 for imaging activated glycoprotein IIb/IIIa receptors with positron emission tomography in patients with acute thromboembolism. Nuclear Medicine and Biology, 2019, 72-73, 45-48.	0.6	6
47	3'-Deoxy-3'-[18F]fluorothymidine positron emission tomography imaging of thymidine kinase 1 activity after 5-fluorouracil treatment in a mouse tumor model. Anticancer Research, 2014, 34, 759-66.	1.1	6
48	[18F]fluorothymidine PET Informs the Synergistic Efficacy of Capecitabine and Trifluridine/Tipiracil in Colon Cancer. Cancer Research, 2017, 77, 7120-7130.	0.9	5
49	PET Imaging of System x_C^{â^’} in Immune Cells for Assessment of Disease Activity in Mice and Patients with Inflammatory Bowel Disease. Journal of Nuclear Medicine, 2022, 63, 1586-1591.	5.0	5
50	Simple and high radiochemical yield synthesis of 2â€²-Deoxy-2â€²-[18F]fluorouridine via a new nosylate precursor. Journal of Labelled Compounds and Radiopharmaceuticals, 2006, 49, 1237-1246.	1.0	4
51	Ischemic burden assessment of myocardial perfusion CT, compared with SPECT using semi-quantitative and quantitative approaches. International Journal of Cardiology, 2019, 278, 287-294.	1.7	4
52	Comparison of empagliflozin and sitagliptin therapy on myocardial perfusion reserve in diabetic patients with coronary artery disease. Nuclear Medicine Communications, 2021, 42, 972-978.	1.1	4
53	Ischemic Burden Assessment Using Single Photon Emission Computed Tomography in Single Vessel Chronic Total Occlusion of Coronary Artery. Korean Circulation Journal, 2022, 52, 150.	1.9	4
54	Prediction of left ventricular dilatation with thallium-201 SPET imaging after primary angioplasty in patients with acute myocardial infarction. European Journal of Nuclear Medicine and Molecular Imaging, 2002, 29, 728-734.	6.4	3

#	Article	IF	Citations
55	Impact of Follow-Up Ischemia on Myocardial Perfusion Single-Photon Emission Computed Tomography in Patients with Coronary Artery Disease. Yonsei Medical Journal, 2017, 58, 934.	2.2	3
56	Association between tumor 18F-fluorodeoxyglucose metabolism and survival in women with estrogen receptor-positive, HER2-negative breast cancer. Scientific Reports, 2022, 12, 7858.	3.3	3
57	Fate of Grafts Bypassing Nonischemic Versus Ischemic Inducing Coronary Stenosis. American Journal of Cardiology, 2018, 122, 1148-1154.	1.6	2
58	Determination of the Estrogen Receptor Status of Leptomeningeal Metastasis in Patients with Metastatic Breast Cancer Using [18F]-FES PET/CT: a Case Report. Nuclear Medicine and Molecular Imaging, 2022, 56, 105-109.	1.0	2
59	Early allograft function in canine single lung transplant. Journal of Korean Medical Science, 1993, 8, 171.	2.5	1
60	Intracoronary brachytherapy for in-stent restenosis: will it remain a viable therapy?. European Journal of Nuclear Medicine and Molecular Imaging, 2004, 31, 1219-23.	6.4	1
61	Value of the Filtration Fraction Assessed by Dynamic 99mTc-Diethylenetriaminepentaacetic Acid Renal Scintigraphy After Angiotensin-Converting Enzyme Inhibition for the Diagnosis of Renovascular Hypertension. Nuclear Medicine and Molecular Imaging, 2019, 53, 270-277.	1.0	1
62	Long-Term Outcomes after Treatment of Diffuse In-Stent Restenosis with Rotational Atherectomy Followed by Beta-Radiation Therapy with a 188Re-MAG3-Filled Balloon. Sunhwan'gi, 2004, 34, 930.	0.3	1
63	Management strategies for congenital isolated hydronephrosis and the natural course of the disease. Childhood Kidney Diseases, 2022, 26, 1-10.	0.4	1
64	Multiple Bony Lesions other than Femoral Heads on Tc-MDP Bone Scan in Patients with Avascular Necrosis of the Femoral Head. Journal of the Korean Radiological Society, 1997, 36, 517.	0.0	0
65	Late Intravascular Ultrasound Findings of Patients Treated with Brachytherapy for Diffuse In-Stent Restenosis. Sunhwan'gi, 2004, 34, 856.	0.3	0
66	Software development for ACR-approved phantom-based nuclear medicine tomographic image quality control with cross-platform compatibility. Journal of the Korean Physical Society, 2015, 67, 323-328.	0.7	0
67	Reply: 18F-Fluoroestradiol PET to Predict the Response to Neoadjuvant Treatment of Luminal Breast Cancer. Journal of Nuclear Medicine, 2017, 58, 683.2-684.	5.0	0