

Won Jun Kang

List of Publications by Year in descending order

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84
papers

2,179
citations

218677

26
h-index

254184

43
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87
all docs

87
docs citations

87
times ranked

3380
citing authors

#	ARTICLE	IF	CITATIONS
1	Prognostic value of complete metabolic response on 18F-FDG-PET/CT after three cycles of neoadjuvant chemotherapy in advanced high-grade serous ovarian cancer. <i>Journal of Gynecologic Oncology</i> , 2022, 33, .	2.2	3
2	Serum glucose excretion after Roux-en-Y gastric bypass: a potential target for diabetes treatment. <i>Gut</i> , 2021, 70, 1847-1856.	12.1	19
3	Association between PD-L1 expression and 18F-FDG uptake in ovarian cancer. <i>Annals of Nuclear Medicine</i> , 2021, 35, 415-420.	2.2	3
4	KSNM60 in Cardiology: Regrowth After a Long Pause. <i>Nuclear Medicine and Molecular Imaging</i> , 2021, 55, 151-161.	1.0	0
5	Characteristics of surgically transposed ovaries on 18F-FDG PET/CT among patients with cancer. <i>Annals of Nuclear Medicine</i> , 2021, 35, 1100-1108.	2.2	2
6	Tumor Glucose Metabolism and Its Heterogeneity on F-18 FDG PET/CT Provide Better Prognostication in Nonmetastatic Human Papillomavirus-Related Oropharyngeal Squamous Cell Carcinoma. <i>Cancers</i> , 2021, 13, 5538.	3.7	5
7	Fabrication and evaluation of bilateral Helmholtz radiofrequency coil for thermo-stable breast image with reduced artifacts. <i>Journal of Applied Clinical Medical Physics</i> , 2021, 23, e13483.	1.9	3
8	Prognostic Value of Bone Marrow F-18 FDG Uptake in Patients with Advanced-Stage Diffuse Large B-Cell Lymphoma. <i>Nuclear Medicine and Molecular Imaging</i> , 2020, 54, 28-34.	1.0	5
9	Malignant Transformation of an Epidermoid Cyst in an Intrapancreatic Accessory Spleen: A Case Report. <i>Nuclear Medicine and Molecular Imaging</i> , 2020, 54, 58-60.	1.0	2
10	Targeted Therapy of Hepatocellular Carcinoma Using Gemcitabine-Incorporated GPC3 Aptamer. <i>Pharmaceutics</i> , 2020, 12, 985.	4.5	8
11	Therapeutic Efficacy of Curcumin Enhanced by Microscale Discoidal Polymeric Particles in a Murine Asthma Model. <i>Pharmaceutics</i> , 2020, 12, 739.	4.5	13
12	Early Assessment of Response to Neoadjuvant Chemotherapy with ^{18}F -FDG-PET/CT in Patients with Advanced-Stage Ovarian Cancer. <i>Cancer Research and Treatment</i> , 2020, 52, 1211-1218.	3.0	4
13	Biodegradable micro-sized discoidal polymeric particles for lung-targeted delivery system. <i>Biomaterials</i> , 2019, 218, 119331.	11.4	20
14	PET imaging of HER2 expression with an 18F-fluoride labeled aptamer. <i>PLoS ONE</i> , 2019, 14, e0211047.	2.5	32
15	Patterns of initially overlooked recurrence of peritoneal lesions in patients with advanced ovarian cancer on postoperative multi-detector row CT. <i>Acta Radiologica</i> , 2019, 60, 1713-1720.	1.1	4
16	Is Chest Computed Tomography Always Necessary Following Nephrectomy for Renal Cell Carcinoma? A Pilot Study in Single Tertiary Institution. <i>Journal of Computer Assisted Tomography</i> , 2019, 43, 333-337.	0.9	2
17	Prognostic significance of supradiaphragmatic lymph node metastasis detected by 18F-FDG PET/CT in advanced epithelial ovarian cancer. <i>BMC Cancer</i> , 2018, 18, 1165.	2.6	20
18	Diagnostic Value of 18F-FDG PET/CT and MRI in the Preoperative Evaluation of Uterine Carcinosarcoma. <i>Nuclear Medicine and Molecular Imaging</i> , 2018, 52, 445-452.	1.0	2

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19	Gemcitabine-Incorporated G-Quadruplex Aptamer for Targeted Drug Delivery into Pancreas Cancer. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 12, 543-553.	5.1	68
20	PET/CT Response Criteria (European Organization for Research and Treatment of Cancer) Predict Survival Better Than Response Evaluation Criteria in Solid Tumors in Locally Advanced Cervical Cancer Treated With Chemoradiation. <i>Clinical Nuclear Medicine</i> , 2016, 41, 677-682.	1.3	13
21	The diagnostic ability of 18F-FDG PET/CT for mediastinal lymph node staging using 18F-FDG uptake and volumetric CT histogram analysis in non-small cell lung cancer. <i>European Radiology</i> , 2016, 26, 4515-4523.	4.5	24
22	Synergic chemoprevention with dietary carbohydrate restriction and supplementation of AMPK-activating phytochemicals. <i>European Journal of Cancer Prevention</i> , 2016, 25, 54-64.	1.3	11
23	A Comparison Study of Esophageal Findings on 18F-FDG PET/CT and Esophagogastroduodenoscopy. <i>Nuclear Medicine and Molecular Imaging</i> , 2016, 50, 123-129.	1.0	3
24	Hybridization-based aptamer labeling using complementary oligonucleotide platform for PET and optical imaging. <i>Biomaterials</i> , 2016, 100, 143-151.	11.4	23
25	Is there an additive value of 18F-FDG PET-CT to CT/MRI for detecting nodal metastasis in oropharyngeal squamous cell carcinoma patients with palpably negative neck?. <i>Acta Radiologica</i> , 2016, 57, 1352-1359.	1.1	18
26	Comparison of FDG PET/CT and MRI in lymph node staging of endometrial cancer. <i>Annals of Nuclear Medicine</i> , 2016, 30, 104-113.	2.2	53
27	Prognostic value of pretreatment FDG PET in pediatric neuroblastoma. <i>European Journal of Radiology</i> , 2015, 84, 2633-2639.	2.6	26
28	¹⁸ F-FDG PET-CT as a supplement to CT/MRI for detection of nodal metastasis in hypopharyngeal SCC with palpably negative neck. <i>Laryngoscope</i> , 2015, 125, 1607-1612.	2.0	10
29	F-18 Fluoride Positron Emission Tomography-Computed Tomography for Detecting Atherosclerotic Plaques. <i>Korean Journal of Radiology</i> , 2015, 16, 1257.	3.4	3
30	18F-FDG PET/CT in hepatocellular carcinoma. <i>Nuclear Medicine Communications</i> , 2015, 36, 226-233.	1.1	23
31	Differentiation of an adrenal mass in patients with non-small cell lung cancer by means of a normal range of adrenal standardized uptake values on FDG PET/CT. <i>Annals of Nuclear Medicine</i> , 2015, 29, 276-283.	2.2	11
32	Clinical Usefulness of [18F]FDG PET-CT and CT/MRI for Detecting Nodal Metastasis in Patients with Hypopharyngeal Squamous Cell Carcinoma. <i>Annals of Surgical Oncology</i> , 2015, 22, 994-999.	1.5	8
33	18F-fluoride PET imaging in a nude rat model of bone metastasis from breast cancer: Comparison with 18F-FDG and bioluminescence imaging. <i>Nuclear Medicine and Biology</i> , 2015, 42, 728-733.	0.6	4
34	The Performance of Contrast-Enhanced FDG PET/CT for the Differential Diagnosis of Unexpected Ovarian Mass Lesions in Patients With Nongynecologic Cancer. <i>Clinical Nuclear Medicine</i> , 2015, 40, 97-102.	1.3	12
35	Multimodal imaging probe for targeting cancer cells using uMUC-1 aptamer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 134-140.	5.0	20
36	64Cu-ATSM Hypoxia Positron Emission Tomography for Detection of Conduit Ischemia in an Experimental Rat Esophagectomy Model. <i>PLoS ONE</i> , 2015, 10, e0131083.	2.5	6

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37	Glycyrrhizin, inhibitor of high mobility group box-1, attenuates monocrotaline-induced pulmonary hypertension and vascular remodeling in rats. <i>Respiratory Research</i> , 2014, 15, 148.	3.6	53
38	18F-FDG PET as a single imaging modality in pediatric neuroblastoma: comparison with abdomen CT and bone scintigraphy. <i>Annals of Nuclear Medicine</i> , 2014, 28, 304-313.	2.2	23
39	The role of metabolic tumor volume and total lesion glycolysis on 18F-FDG PET/CT in the prognosis of epithelial ovarian cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 41, 1898-1906.	6.4	63
40	Correlation between 18F-fluorodeoxyglucose positron emission tomography and pathologic differentiation in pancreatic cancer. <i>Annals of Nuclear Medicine</i> , 2014, 28, 430-435.	2.2	28
41	The Role of 18F-FDG PET/CT in Assessing Therapy Response in Cervix Cancer after Concurrent Chemoradiation Therapy. <i>Nuclear Medicine and Molecular Imaging</i> , 2014, 48, 130-136.	1.0	34
42	Prognostic Value of Metabolic Activity Measured by 18F-FDG PET/CT in Patients with Advanced Endometrial Cancer. <i>Nuclear Medicine and Molecular Imaging</i> , 2013, 47, 257-262.	1.0	10
43	Radioisotope imaging of microRNA-9-regulating neurogenesis using sodium iodide symporter. <i>Biomaterials</i> , 2013, 34, 4803-4809.	11.4	7
44	Evaluation of 18F-FDG Excretion Patterns in Malignant Obstructive Uropathy. <i>Clinical Nuclear Medicine</i> , 2013, 38, 695-702.	1.3	5
45	Supraclavicular Lymph Nodes Detected by 18F-FDG PET/CT in Cancer Patients: Assessment With 18F-FDG PET/CT and Sonography. <i>American Journal of Roentgenology</i> , 2012, 198, 187-193.	2.2	14
46	Correlation Between 18F-Fluorodeoxyglucose Uptake and Epidermal Growth Factor Receptor Mutations in Advanced Lung Cancer. <i>Nuclear Medicine and Molecular Imaging</i> , 2012, 46, 169-175.	1.0	21
47	Dual optical biosensors for imaging microRNA-1 during myogenesis. <i>Biomaterials</i> , 2012, 33, 6430-6437.	11.4	29
48	Usefulness of FDG PET/CT in determining benign from malignant endobronchial obstruction. <i>European Radiology</i> , 2011, 21, 1077-1087.	4.5	23
49	Molecular beacon-based bioimaging of multiple microRNAs during myogenesis. <i>Biomaterials</i> , 2011, 32, 1915-1922.	11.4	90
50	Using 18F-FDG PET/CT to Detect an Occult Mesenchymal Tumor Causing Oncogenic Osteomalacia. <i>Nuclear Medicine and Molecular Imaging</i> , 2011, 45, 233-237.	1.0	10
51	Evaluation of Bone Metastasis from Hepatocellular Carcinoma Using 18F-FDG PET/CT and 99mTc-HDP Bone Scintigraphy: Characteristics of Soft Tissue Formation. <i>Nuclear Medicine and Molecular Imaging</i> , 2011, 45, 203-211.	1.0	13
52	¹⁸ F-fluorodeoxyglucose uptake on positron emission tomography as a prognostic predictor in locally advanced hepatocellular carcinoma. <i>Cancer</i> , 2011, 117, 4779-4787.	4.1	47
53	The Clinical Utility of Positron Emission Tomography-computed Tomography in the Evaluation of Inflammatory Bowel Diseases. <i>Intestinal Research</i> , 2011, 9, 97-104.	2.6	0
54	Postoperative Functional Outcome After Off-Pump Versus On-Pump Coronary Artery Bypass Grafting Using Gated Myocardial SPECT: A Comparison by Propensity Score Analysis. <i>Nuclear Medicine and Molecular Imaging</i> , 2010, 44, 110-115.	1.0	3

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55	Evaluation of the Role of Hexokinase Type II in Cellular Proliferation and Apoptosis Using Human Hepatocellular Carcinoma Cell Lines. <i>Journal of Nuclear Medicine</i> , 2009, 50, 1525-1532.	5.0	53
56	The role of PET/CT in detection of gastric cancer recurrence. <i>BMC Cancer</i> , 2009, 9, 73.	2.6	81
57	18F-FDG PET/CT in mediastinal lymph node staging of non-small-cell lung cancer in a tuberculosis-endemic country: consideration of lymph node calcification and distribution pattern to improve specificity. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009, 36, 1794-1802.	6.4	66
58	Usefulness of CT volumetry for primary gastric lesions in predicting pathologic response to neoadjuvant chemotherapy in advanced gastric cancer. <i>Abdominal Imaging</i> , 2009, 34, 430-440.	2.0	53
59	In vitro Derby Imaging of Cancer Biomarkers Using Quantum Dots. <i>Small</i> , 2009, 5, 1207-1212.	10.0	55
60	Multiplex Imaging of Single Tumor Cells Using Quantum Dots-Conjugated Aptamers. <i>Small</i> , 2009, 5, 2519-2522.	10.0	95
61	Bioimaging of geographically adjacent proteins in a single cell by quantum dot-based fluorescent resonance energy transfer. <i>Proteomics - Clinical Applications</i> , 2009, 3, 1383-1388.	1.6	23
62	Comparison of maximal elastance and systolic wall thickening using arterial tonometry and gated myocardial SPECT in patients undergoing coronary artery bypass grafting. <i>Applied Radiation and Isotopes</i> , 2009, 67, 1382-1386.	1.5	0
63	Differentiation between malignancy and inflammation in pulmonary ground-glass nodules: The feasibility of integrated 18F-FDG PET/CT. <i>Lung Cancer</i> , 2009, 65, 180-186.	2.0	85
64	Detection of Metastatic Cervical Lymph Nodes in Recurrent Papillary Thyroid Carcinoma. <i>Journal of Computer Assisted Tomography</i> , 2009, 33, 805-810.	0.9	13
65	The clinical impact of [18F]FDG PET/CT for the management of recurrent endometrial cancer: correlation with clinical and histological findings. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008, 35, 1081-1088.	6.4	69
66	Maximal safe dose of I-131 after failure of standard fixed dose therapy in patients with differentiated thyroid carcinoma. <i>Annals of Nuclear Medicine</i> , 2008, 22, 727-734.	2.2	40
67	Primary Cancer of the Liver and Biliary Duct. <i>PET Clinics</i> , 2008, 3, 169-186.	3.0	2
68	Taq1A polymorphism in the dopamine D2 receptor gene predicts brain metabolic response to aripiprazole in healthy male volunteers. <i>Pharmacogenetics and Genomics</i> , 2008, 18, 91-97.	1.5	10
69	Analysis of Serum Levels of Anti-Müllerian Hormone, Inhibin B, Insulin-Like Growth Factor-I, Insulin-Like Growth Factor Binding Protein-3, and Follicle-Stimulating Hormone with Respect to Age and Menopausal Status. <i>Journal of Korean Medical Science</i> , 2008, 23, 104.	2.5	30
70	FDG-PET for Evaluating the Antitumor Effect of Intraarterial 3-Bromopyruvate Administration in a Rabbit VX2 Liver Tumor Model. <i>Korean Journal of Radiology</i> , 2007, 8, 216.	3.4	20
71	Development of acetylated HDD kit for preparation of 188Re-HDD/lipiodol. <i>Applied Radiation and Isotopes</i> , 2007, 65, 64-69.	1.5	18
72	Clinical impact of integrated PET/CT on the management of suspected cervical cancer recurrence. <i>Gynecologic Oncology</i> , 2007, 104, 529-534.	1.4	121

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73	Progressive improvement of myocardial perfusion after off-pump revascularization with bilateral internal thoracic arteries: Comparison of early versus 1-year postoperative myocardial single photon emission computed tomography. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 133, 52-57.	0.8	16
74	Characterization of surgically transposed ovaries in integrated PET/CT scan in patients with cervical cancer. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2007, 86, 88-93.	2.8	9
75	Role of [18F]FDG PET/CT in the assessment of suspected recurrent ovarian cancer: correlation with clinical or histological findings. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007, 34, 480-486.	6.4	104
76	Frontal Dysfunction Underlies Depressive Syndrome in Alzheimer Disease: A FDG-PET Study. <i>American Journal of Geriatric Psychiatry</i> , 2006, 14, 625-628.	1.2	46
77	An improved method of 18F peptide labeling: hydrazone formation with HYNIC-conjugated c(RGDyK). <i>Nuclear Medicine and Biology</i> , 2006, 33, 677-683.	0.6	39
78	High Fluorodeoxyglucose Uptake on Positron Emission Tomography in Patients with Advanced Non-Small Cell Lung Cancer on Platinum-Based Combination Chemotherapy. <i>Clinical Cancer Research</i> , 2006, 12, 4232-4236.	7.0	38
79	Time course of functional recovery after coronary artery bypass grafting surgery according to the preoperative reversibility of perfusion impairment on myocardial SPECT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2005, 32, 70-74.	6.4	12
80	Biological properties of ^{18}F -[18F]fluoroflumazenil for central benzodiazepine receptor imaging. <i>Nuclear Medicine and Biology</i> , 2005, 32, 263-268.	0.6	28
81	Diagnostic performance of 18F-FDG PET and ictal 99mTc-HMPAO SPET in pediatric temporal lobe epilepsy: Quantitative analysis by statistical parametric mapping, statistical probabilistic anatomical map, and subtraction ictal SPET. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2005, 14, 213-220.	2.0	58
82	Differentiation of mediastinal FDG uptake observed in patients with non-thoracic tumours. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2004, 31, 202-207.	6.4	21
83	Dosimetry in leakage of 188 Re-DTPA during intracoronary balloon brachytherapy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2003, 30, 1263-1265.	6.4	5
84	Prognostic value of rest (201)Tl-dipyridamole stress (99m)Tc-sestamibi gated SPECT for predicting patient-based clinical outcomes after bypass surgery in patients with ischemic left ventricular dysfunction. <i>Journal of Nuclear Medicine</i> , 2003, 44, 1735-40.	5.0	13