Won Yong Kim

List of Publications by Year
in descending order

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31	1,365	566801	433756
papers	citations	15 h-index	31 g-index

34	34	34	2061
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Numerical Simulation and Experimental Validation of Blood Flow in Arteries with Structured-Tree Outflow Conditions. Annals of Biomedical Engineering, 2000, 28, 1281-1299.	1.3	688
2	A dual tracer 68Ga-DOTANOC PET/CT and 18F-FDG PET/CT pilot study for detection of cardiac sarcoidosis. EJNMMI Research, 2016, 6, 52.	1.1	112
3	Impact of Acute Hyperglycemia on Myocardial Infarct Size, Area at Risk, and Salvage in Patients With STEMI and the Association With Exenatide Treatment: Results From a Randomized Study. Diabetes, 2014, 63, 2474-2485.	0.3	59
4	Measuring myocardial salvage. Cardiovascular Research, 2012, 94, 266-275.	1.8	57
5	Development, Preclinical Validation, andÂClinical Translation of a Cardiac Magnetic Resonance - Electrophysiology System WithÂActive Catheter Tracking forÂAblation ofÂCardiac Arrhythmia. JACC: Clinical Electrophysiology, 2017, 3, 89-103.	1.3	47
6	Effect of long-term remote ischemic conditioning in patients with chronic ischemic heart failure. Basic Research in Cardiology, 2017, 112, 67.	2.5	45
7	Myocardial strain assessed by feature tracking cardiac magnetic resonance in patients with a variety of cardiovascular diseases â€“ A comparison with echocardiography. Scientific Reports, 2019, 9, 11296.	1.6	44
8	Metoprolol Reduces Hemodynamic and Metabolic Overload in Asymptomatic Aortic Valve Stenosis Patients. Circulation: Cardiovascular Imaging, 2017, 10, .	1.3	32
9	The Effect of Contact Force in Atrial RadiofrequencyÂAblation. JACC: Clinical Electrophysiology, 2015, 1, 421-431.	1.3	30
10	Myocardial Oxygen Consumption and Efficiency in Aortic Valve Stenosis Patients With and Without Heart Failure. Journal of the American Heart Association, 2017, 6, .	1.6	24
11	Long-term changes of right ventricular myocardial deformation and remodeling studied by cardiac magnetic resonance imaging in patients with chronic thromboembolic pulmonary hypertension following pulmonary thromboendarterectomy. International Journal of Cardiology, 2020, 300, 282-288.	0.8	19
12	Cardiac abnormalities assessed by non-invasive techniques in patients with newly diagnosed idiopathic inflammatory myopathies. Clinical and Experimental Rheumatology, 2015, 33, 706-14.	0.4	19
13	Automatic extraction of forward stroke volume using dynamic PET/CT: a dual-tracer and dual-scanner validation in patients with heart valve disease. EJNMMI Physics, 2015, 2, 25.	1.3	18
14	First In Vivo Demonstration of Coronary Edema in Culprit Lesion of Patient With Acute Coronary Syndrome by Cardiovascular Magnetic Resonance. Circulation: Cardiovascular Imaging, 2011, 4, 344-346.	1.3	17
15	Evaluation of ECG-gated [11C]acetate PET for measuring left ventricular volumes, mass, and myocardial external efficiency. Journal of Nuclear Cardiology, 2016, 23, 670-679.	1.4	17
16	Cardiac Arrest following a Myocardial Infarction in a Child Treated with Methylphenidate. Case Reports in Pediatrics, 2015, 2015, 1-4.	0.2	16
17	Testâ€“retest repeatability of myocardial oxidative metabolism and efficiency using standalone dynamic 11C-acetate PET and multimodality approaches in healthy controls. Journal of Nuclear Cardiology, 2018, 25, 1929-1936.	1.4	15
18	Automatic Extraction of Myocardial Mass and Volume Using Parametric Images from Dynamic Nongated PET. Journal of Nuclear Medicine, 2016, 57, 1382-1387.	2.8	14

#	Article	IF	Citations
19	Cardiovascular MR T2-STIR imaging does not discriminate between intramyocardial haemorrhage and microvascular obstruction during the subacute phase of a reperfused myocardial infarction. Open Heart, 2016, 3, e000346.	0.9	13
20	Effect of remote ischaemic conditioning on infarct size and remodelling in ST-segment elevation myocardial infarction patients: the CONDI-2/ERIC-PPCI CMR substudy. Basic Research in Cardiology, 2021, 116, 59.	2.5	13
21	Validation of contrast enhanced cine steady-state free precession and T2-weighted CMR for assessment of ischemic myocardial area-at-risk in the presence of reperfusion injury. International Journal of Cardiovascular Imaging, 2019, 35, 1039-1045.	0.7	10
22	Coronary Magnetic Resonance Angiography in Chronic Coronary Syndromes. Frontiers in Cardiovascular Medicine, 2021, 8, 682924.	1.1	10
23	Acute hypertensive stress imaged by cardiac hyperpolarized [1â€•13 C]pyruvate magnetic resonance. Magnetic Resonance in Medicine, 2018, 80, 2053-2061.	1.9	9
24	Hyperpolarized [1â€•13 C]pyruvate MRI can image the metabolic shift in cardiac metabolism between the fasted and fed state in a porcine model. Magnetic Resonance in Medicine, 2019, 81, 2655-2665.	1.9	9
25	Pulmonary vasodilation by sildenafil in acute intermediate-high risk pulmonary embolism: a randomized explorative trial. BMC Pulmonary Medicine, 2021, 21, 72.	0.8	8
26	Dimethyl Sulfoxide Reduces Microvascular Obstruction and Intramyocardial Hemorrhagein a Porcine Ischemia-Reperfusion Model. Heart Research - Open Journal, 2015, 2, 85-91.	0.2	7
27	Cardiac magnetic resonance characteristics in young survivors of aborted sudden cardiac death. European Journal of Radiology, 2018, 105, 141-147.	1.2	5
28	The hemodynamic and metabolic effects of spironolactone treatment in acute kidney injury assessed by hyperpolarized MRI. NMR in Biomedicine, 2020, 33, e4371.	1.6	5
29	Coronary MR Imaging. JACC: Cardiovascular Imaging, 2015, 8, 1153-1155.	2.3	1
30	Veno-occlusive unloading of the heart reduces infarct size in experimental ischemiaâ€“reperfusion. Scientific Reports, 2021, 11, 4483.	1.6	1
31	Remodeling after myocardial infarction and effects of heart failure treatment investigated by hyperpolarized [1â€•13 C]pyruvate magnetic resonance spectroscopy. Magnetic Resonance in Medicine, 2022, 87, 57-69.	1.9	0