Hyeong Soo Nam

List of Publications by Year
in descending order

19	408	933447 10	1058476 14
papers	citations	h-index	g-index

19	19	19	574
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Macrophage targeted theranostic strategy for accurate detection and rapid stabilization of the inflamed high-risk plaque. Theranostics, 2021, 11, 8874-8893.	10.0	26
2	OUP accepted manuscript. European Heart Journal, 2021, , .	2.2	0
3	Stress-associated neurobiological activity is linked with acute plaque instability via enhanced macrophage activity: a prospective serial 18F-FDG-PET/CT imaging assessment. European Heart Journal, 2021, 42, 1883-1895.	2.2	33
4	Robust autofocusing for scanning electron microscopy based on a dual deep learning network. Scientific Reports, 2021, 11, 20933.	3.3	8
5	In Vivo Cellularâ€Level 3D Imaging of Peripheral Nerves Using a Dualâ€Focusing Technique for Intraâ€Neural Interface Implantation. Advanced Science, 2021, , 2102876.	11.2	1
6	Abstract 11653: Intravascular Targeted Photoactivation Guided by Optical Coherence Tomography-Near Infrared Fluorescence (OCT-NIRF) Imaging Promotes Stabilization of Atherosclerotic Plaques. Circulation, 2021, 144, .	1.6	0
7	Comprehensive Assessment of High-Risk Plaques by Dual-Modal Imaging Catheter in Coronary Artery. JACC Basic To Translational Science, 2021, 6, 948-960.	4.1	8
8	Abstract 14935: Targeted Optical Molecular Imaging of Atheroma Calcification Using Novel Aldendronate-based Probe. Circulation, 2020, 142, .	1.6	0
9	Abstract 15508: Random Forest Classifier-incoporated Intravascular Optical Coherence Tomography-fluorescence Lifetime Imaging (oct-flim) Provides Automated Characterization of Key Biochemical Components of Coronary Atherosclerotic Plaques. Circulation, 2020, 142, .	1.6	0
10	Abstract 14933: Brain Emotional Neural Activity is Associated With Complex Plaque Characteristics Resulting Acute Plaque Instability: A Prospective 3D-Rendered 18F FDG-PET/CT Assessment. Circulation, 2020, 142, .	1.6	0
11	Spectroscopic optical coherence tomography: A review of concepts and biomedical applications. Applied Spectroscopy Reviews, 2018, 53, 91-111.	6.7	26
12	Comprehensive intravascular imaging of atherosclerotic plaque in vivo using optical coherence tomography and fluorescence lifetime imaging. Scientific Reports, 2018, 8, 14561.	3.3	33
13	Multispectral analog-mean-delay fluorescence lifetime imaging combined with optical coherence tomography. Biomedical Optics Express, 2018, 9, 1930.	2.9	24
14	Characterization of lipid-rich plaques using spectroscopic optical coherence tomography. Journal of Biomedical Optics, 2016, 21, 075004.	2.6	16
15	Intravascular optical imaging of high-risk plaques in vivo by targeting macrophage mannose receptors. Scientific Reports, 2016, 6, 22608.	3.3	48
16	Automated detection of vessel lumen and stent struts in intravascular optical coherence tomography to evaluate stent apposition and neointimal coverage. Medical Physics, 2016, 43, 1662-1675.	3.0	40
17	Intracoronary dual-modal optical coherence tomography-near-infrared fluorescence structuralâ€“molecular imaging with a clinical dose of indocyanine green for the assessment of high-risk plaques and stent-associated inflammation in a beating coronary artery. European Heart Journal, 2016, 37, 2833-2844.	2.2	58
18	A bi-directional assessment of spontaneous coronary artery dissection by three-dimensional flythrough rendering of optical coherence tomography images. European Heart Journal, 2015, 36, 1022-1022.	2.2	4

#	Article	IF	Citations
19	Fully Integrated High-Speed Intravascular Optical Coherence Tomography/Near-Infrared Fluorescence Structural/Molecular Imaging In Vivo Using a Clinically Available Near-Infrared Fluorescenceâ€“Emitting Indocyanine Green to Detect Inflamed Lipid-Rich Atheromata in Coronary-Sized Vessels. Circulation: Cardiovascular Interventions, 2014, 7, 560-569.	3.9	83