

Hyeong Soo Nam

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

408
citations

933447

10
h-index

1058476

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19
all docs

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docs citations

19
times ranked

574
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Fully Integrated High-Speed Intravascular Optical Coherence Tomography/Near-Infrared Fluorescence Structural/Molecular Imaging In Vivo Using a Clinically Available Near-Infrared Fluorescence-Emitting Indocyanine Green to Detect Inflamed Lipid-Rich Atheromata in Coronary-Sized Vessels. <i>Circulation: Cardiovascular Interventions</i> , 2014, 7, 560-569. | 3.9 | 83 |
| 2 | Intracoronary dual-modal optical coherence tomography-near-infrared fluorescence structural-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. <i>European Heart Journal</i> , 2016, 37, 2833-2844. | 2.2 | 58 |
| 3 | Intravascular optical imaging of high-risk plaques in vivo by targeting macrophage mannose receptors. <i>Scientific Reports</i> , 2016, 6, 22608. | 3.3 | 48 |
| 4 | Automated detection of vessel lumen and stent struts in intravascular optical coherence tomography to evaluate stent apposition and neointimal coverage. <i>Medical Physics</i> , 2016, 43, 1662-1675. | 3.0 | 40 |
| 5 | Comprehensive intravascular imaging of atherosclerotic plaque in vivo using optical coherence tomography and fluorescence lifetime imaging. <i>Scientific Reports</i> , 2018, 8, 14561. | 3.3 | 33 |
| 6 | Stress-associated neurobiological activity is linked with acute plaque instability via enhanced macrophage activity: a prospective serial 18F-FDG-PET/CT imaging assessment. <i>European Heart Journal</i> , 2021, 42, 1883-1895. | 2.2 | 33 |
| 7 | Spectroscopic optical coherence tomography: A review of concepts and biomedical applications. <i>Applied Spectroscopy Reviews</i> , 2018, 53, 91-111. | 6.7 | 26 |
| 8 | Macrophage targeted theranostic strategy for accurate detection and rapid stabilization of the inflamed high-risk plaque. <i>Theranostics</i> , 2021, 11, 8874-8893. | 10.0 | 26 |
| 9 | Multispectral analog-mean-delay fluorescence lifetime imaging combined with optical coherence tomography. <i>Biomedical Optics Express</i> , 2018, 9, 1930. | 2.9 | 24 |
| 10 | Characterization of lipid-rich plaques using spectroscopic optical coherence tomography. <i>Journal of Biomedical Optics</i> , 2016, 21, 075004. | 2.6 | 16 |
| 11 | Robust autofocusing for scanning electron microscopy based on a dual deep learning network. <i>Scientific Reports</i> , 2021, 11, 20933. | 3.3 | 8 |
| 12 | Comprehensive Assessment of High-Risk Plaques by Dual-Modal Imaging Catheter in Coronary Artery. <i>JACC Basic To Translational Science</i> , 2021, 6, 948-960. | 4.1 | 8 |
| 13 | A bi-directional assessment of spontaneous coronary artery dissection by three-dimensional flythrough rendering of optical coherence tomography images. <i>European Heart Journal</i> , 2015, 36, 1022-1022. | 2.2 | 4 |
| 14 | In Vivo Cellular-Level 3D Imaging of Peripheral Nerves Using a Dual-Focusing Technique for Intra-Neural Interface Implantation. <i>Advanced Science</i> , 2021, , 2102876. | 11.2 | 1 |
| 15 | OUP accepted manuscript. <i>European Heart Journal</i> , 2021, , . | 2.2 | 0 |
| 16 | Abstract 14935: Targeted Optical Molecular Imaging of Atheroma Calcification Using Novel Aldendronate-based Probe. <i>Circulation</i> , 2020, 142, . | 1.6 | 0 |
| 17 | Abstract 15508: Random Forest Classifier-incorporated Intravascular Optical Coherence Tomography-fluorescence Lifetime Imaging (oct-flim) Provides Automated Characterization of Key Biochemical Components of Coronary Atherosclerotic Plaques. <i>Circulation</i> , 2020, 142, . | 1.6 | 0 |
| 18 | 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. <i>Circulation</i> , 2020, 142, . | 1.6 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | 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 |