

# Intravascular imaging of vulnerable coronary plaque: cu

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Citation Report

#	ARTICLE	IF	CITATIONS
1	After the Triumph of Cardiovascular Medicine Over Acute Myocardial Infarction at the End of the 20th Century - Can We Predict the Onset of Acute Coronary Syndrome? (Con) -. Circulation Journal, 2011, 75, 2019-2026.	0.7	11
2	Intravascular photoacoustic imaging at 35 and 80ÂMHz. Journal of Biomedical Optics, 2012, 17, 1060051.	1.4	63
3	Emerging technologies for image guidance and device navigation in interventional radiology. Medical Physics, 2012, 39, 5768-5781.	1.6	30
4	Integrated IVUS-OCT catheter for in vivo intravascular imaging. , 2012, , .		1
5	MicroRNAs in Vascular Biology. International Journal of Vascular Medicine, 2012, 2012, 1-13.	0.4	54
6	Comprehensive data visualization for high resolution endovascular carotid arterial wall imaging. Journal of Biomedical Optics, 2012, 17, 1.	1.4	5
7	High frequency intravascular photoacoustic (IVPA) imaging for differentiating arterial wall layered structures. Proceedings of SPIE, 2012, , .	0.8	2
8	Biochemical characterization of atherosclerotic plaques by endogenous multispectral fluorescence lifetime imaging microscopy. Atherosclerosis, 2012, 220, 394-401.	0.4	49
9	N-terminal and C-terminal fragments of IGFBP-4 as novel biomarkers for short-term risk assessment of major adverse cardiac events in patients presenting with ischemia. Clinical Biochemistry, 2012, 45, 519-524.	0.8	32
10	Integrated intravascular optical coherence tomography (OCT) - ultrasound (US) catheter for characterization of atherosclerotic plaques in vivo. , 2012, 2012, 3175-8.		2
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15	Intracoronary Optical Coherence Tomography. Journal of the American College of Cardiology, 2013, 62, 1759-1760.	1.2	0
16	Miniature optical coherence tomography-ultrasound probe for automatically coregistered three-dimensional intracoronary imaging with real-time display. Journal of Biomedical Optics, 2013, 18, 1.	1.4	39
17	Real-time co-registered IVUS-OCT catheter for atherosclerotic plaque identification. , 2013, , .		2
18	Severity of coronary atherosclerosis in patients with a first acute coronary event: a diabetes paradox. European Heart Journal, 2013, 34, 729-741.	1.0	100

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19	Intravascular Imaging: When Two Images are Better Than One. Catheterization and Cardiovascular Interventions, 2013, 81, 508-509.	0.7	0
20	High Resolution Imaging of the Human Cardiac Conduction System Using Reflectance Confocal Microscopy. Tohoku Journal of Experimental Medicine, 2013, 229, 67-73.	0.5	4
21	Plaque Quantification by Coronary CT and Intravascular Ultrasound Identifies a Low CT Density Core as a Marker of Plaque Instability in Acute Coronary Syndromes. International Heart Journal, 2014, 55, 22-28.	0.5	35
22	Molecular Imaging of Vascular Thrombosis. Current Molecular Imaging, 2014, 3, 27-36.	0.7	1
23	Comparing imaging lipid plaque with NIRS and OCT: "All that's yellow is not gold (a vulnerable) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	0.7	1
24	Integrated IVUS-OCT Imaging for Atherosclerotic Plaque Characterization. IEEE Journal of Selected Topics in Quantum Electronics, 2014, 20, 196-203.	1.9	53
25	Tissue characterization of coronary plaque by kNN classifier with fractal-based features of IVUS RF-signal. Journal of Intelligent Manufacturing, 2014, 25, 973-982.	4.4	7
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27	Ultrafast optical-ultrasonic system and miniaturized catheter for imaging and characterizing atherosclerotic plaques in vivo. Scientific Reports, 2015, 5, 18406.	1.6	43
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30	Fluorescence Lifetime Imaging Combined with Conventional Intravascular Ultrasound for Enhanced Assessment of Atherosclerotic Plaques: an Ex Vivo Study in Human Coronary Arteries. Journal of Cardiovascular Translational Research, 2015, 8, 253-263.	1.1	34
31	Parameter estimation of atherosclerotic tissue optical properties from three-dimensional intravascular optical coherence tomography. Journal of Medical Imaging, 2015, 2, 016001.	0.8	25
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34	The vulnerable atherosclerotic plaque: in vivo identification and potential therapeutic avenues. Heart, 2015, 101, 1755-1766.	1.2	26
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36	Coronary atheroma composition and its association with segmental endothelial dysfunction in non-ST segment elevation myocardial infarction: novel insights with radiofrequency (iMAP) intravascular ultrasonography. International Journal of Cardiovascular Imaging, 2015, 31, 247-257.	0.7	5
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40	Three-dimensional registration of intravascular optical coherence tomography and cryo-image volumes for microscopic-resolution validation. <i>Journal of Medical Imaging</i> , 2016, 3, 1.	0.8	6
41	Frequency Analysis of the Photoacoustic Signal Generated by Coronary Atherosclerotic Plaque. <i>Ultrasound in Medicine and Biology</i> , 2016, 42, 2017-2025.	0.7	24
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43	Near-infrared autofluorescence induced by intraplaque hemorrhage and heme degradation as marker for high-risk atherosclerotic plaques. <i>Nature Communications</i> , 2017, 8, 75.	5.8	90
44	Miniature probe for mapping mechanical properties of vascular lesions using acoustic radiation force optical coherence elastography. <i>Scientific Reports</i> , 2017, 7, 4731.	1.6	29
45	KNN-based single crystal high frequency transducer for intravascular photoacoustic imaging. , 2017, , .		1
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47	Stable Ischemic Heart Disease. , 2018, , 591-630.		2
48	Three-Dimensional Intravascular Reconstruction Techniques Based on Intravascular Ultrasound: A Technical Review. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2018, 22, 806-817.	3.9	38
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55	Endothelial Cell Morphology Regulates Inflammatory Cells Through MicroRNA Transferred by Extracellular Vesicles. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 369.	2.0	12
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57	High contrast power Doppler imaging in side-viewing intravascular ultrasound imaging via angular compounding. <i>Ultrasonics</i> , 2020, 108, 106200.	2.1	8
58	Evaluation of Blood Induced Influence for High-Definition Intravascular Ultrasound (HD-IVUS). <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2022, 69, 98-105.	1.7	1
59	Plaque erosion and acute coronary syndromes: phenotype, molecular characteristics and future directions. <i>Nature Reviews Cardiology</i> , 2021, 18, 724-734.	6.1	64
60	Vascular Lesion-Specific Drug Delivery Systems. <i>Journal of the American College of Cardiology</i> , 2021, 77, 2413-2431.	1.2	17
61	IVUS/IVPA hybrid intravascular molecular imaging of angiogenesis in atherosclerotic plaques via RGDfk peptide-targeted nanoprobe. <i>Photoacoustics</i> , 2021, 22, 100262.	4.4	16
62	Advances in Endoscopic Photoacoustic Imaging. <i>Photonics</i> , 2021, 8, 281.	0.9	19
63	Stable Ischemic Heart Disease. , 2022, , 429-453.		0
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68	When the doctor needs an engineer to be the matchmaker. <i>EuroIntervention</i> , 2012, 8, 19-23.	1.4	3
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74	Characterization of Carotid Atherosclerotic Plaques by Measurement of Acoustic Impedance. <i>Celal Bayar Universitesi Fen Bilimleri Dergisi</i> , 0, , 321-325.	0.1	0
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