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INSTITUTE OF PHYSICS PUBLISHING REPORTS ON PROGRESS IN PHYSICS Rep. Prog. Phys. 66 (2003) 239–303 PII: S0034-4885(03)18703-9 Optical Coherence Tomography—principles And Applications A F Fercher 1, W Drexler , C K Hitzenberger And T Lasser 2 1 Institute Of Medical Physics, University Of Vienna, Waehringer Strasse 13, A-1090 Wien, Austria 2 Laboratoire D’optique Biomedicale, Institut D ... 9th, 2024

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Optical Coherence Tomography Is A Powerful High-resolu-tion Imaging Method For Medical And Biomedical Applications. Optical Coherence Tomography Technology And Quality Improvement Methods For Optical Coherence Tomography Images Of Skin: A Short Review Saba Adabi^{1,2}, Zahra Turani³, Emad Fatemizadeh³, Anne Clayton¹ And Mohammadreza Nasiriavanaki¹ 9th, 2024

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1. Prati F, Regar E, Mintz GS, Et Al. Expert Review Document On Methodology, Terminology, And Clinical Applications Of Optical Coherence Tomography: Physical Principles, Methodology Of Image Acquisition, And Clinical Application For Assessment Of Coronary Arteries And Atherosclerosis. Eur Heart J. Feb 2010;31(4):401-415. PMID 19892716 2. 7th, 2024

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