

# Aneesh Alex

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1750044/publications.pdf>

Version: 2024-02-01

27  
papers

1,323  
citations

623188

14  
h-index

580395

25  
g-index

28  
all docs

28  
docs citations

28  
times ranked

2014  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Longitudinal monitoring of cell metabolism in biopharmaceutical production using label-free fluorescence lifetime imaging microscopy. <i>Biotechnology Journal</i> , 2021, 16, e2000629.                                 | 1.8  | 8         |
| 2  | Differential Uptake of Antisense Oligonucleotides in Mouse Hepatocytes and Macrophages Revealed by Simultaneous Two-Photon Excited Fluorescence and Coherent Raman Imaging. <i>Nucleic Acid Therapeutics</i> , 2021, , . | 2.0  | 6         |
| 3  | In vivo characterization of minipig skin as a model for dermatological research using multiphoton microscopy. <i>Experimental Dermatology</i> , 2020, 29, 953-960.   | 1.4  | 15        |
| 4  | Non-invasive monitoring of pharmacodynamics during the skin wound healing process using multimodal optical microscopy. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e000974.                                    | 1.2  | 15        |
| 5  | Simultaneous label-free autofluorescence and multi-harmonic imaging reveals in vivo structural and metabolic changes in murine skin. <i>Biomedical Optics Express</i> , 2019, 10, 5431.                                  | 1.5  | 20        |
| 6  | Investigating the healing mechanisms of an angiogenesis-promoting topical treatment for diabetic wounds using multimodal microscopy. <i>Journal of Biophotonics</i> , 2018, 11, e201700195.                              | 1.1  | 14        |
| 7  | <i>In situ</i> biodistribution and residency of a topical anti-inflammatory using fluorescence lifetime imaging microscopy. <i>British Journal of Dermatology</i> , 2018, 179, 1342-1350.                                | 1.4  | 16        |
| 8  | Label-Free Imaging of Eosinophilic Esophagitis Mouse Models Using Optical Coherence Tomography. <i>Methods in Molecular Biology</i> , 2016, 1422, 127-136.   | 0.4  | 2         |
| 9  | &em&Drosophila&/em& Preparation and Longitudinal Imaging of Heart Function &em&In Vivo&/em& Using Optical Coherence Microscopy (OCM). <i>Journal of Visualized Experiments</i> , 2016, , .                               | 0.2  | 14        |
| 10 | Optical Coherence Tomography for Brain Imaging and Developmental Biology. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2016, 22, 1-13.  | 1.9  | 48        |
| 11 | An Integrated Optical Coherence Microscopy Imaging and Optical Stimulation System for Optogenetic Pacing in <i>Drosophila melanogaster</i> . , 2016, , .   |      | 0         |
| 12 | Photoacoustic / Optical Coherence Tomography. , 2015, , 1579-1598.   |      | 0         |
| 13 | Optogenetic pacing in <i>Drosophila melanogaster</i> . <i>Science Advances</i> , 2015, 1, e1500639.  | 4.7  | 50        |
| 14 | A Circadian Clock Gene, <i>Cry</i> , Affects Heart Morphogenesis and Function in <i>Drosophila</i> as Revealed by Optical Coherence Microscopy. <i>PLoS ONE</i> , 2015, 10, e0137236.                                    | 1.1  | 24        |
| 15 | Characterization of eosinophilic esophagitis murine models using optical coherence tomography. <i>Biomedical Optics Express</i> , 2014, 5, 609.  | 1.5  | 10        |
| 16 | Photonic integrated Mach-Zehnder interferometer with an on-chip reference arm for optical coherence tomography. <i>Biomedical Optics Express</i> , 2014, 5, 1050.  | 1.5  | 75        |
| 17 | Three-dimensional multiphoton/optical coherence tomography for diagnostic applications in dermatology. <i>Journal of Biophotonics</i> , 2013, 6, 352-362.  | 1.1  | 45        |
| 18 | Thymic stromal lymphopoietin-elicited basophil responses promote eosinophilic esophagitis. <i>Nature Medicine</i> , 2013, 19, 1005-1013.   | 15.2 | 351       |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Space-division multiplexing optical coherence tomography. Optics Express, 2013, 21, 19219.  | 1.7 | 36        |
| 20 | Three-dimensional calibration targets for optical coherence tomography. Proceedings of SPIE, 2012, , .  | 0.8 | 4         |
| 21 | In situ structural and microangiographic assessment of human skin lesions with high-speed OCT. Biomedical Optics Express, 2012, 3, 2636.  | 1.5 | 133       |
| 22 | Multimodal photoacoustic and optical coherence tomography scanner using an all optical detection scheme for 3D morphological skin imaging. Biomedical Optics Express, 2011, 2, 2202.  | 1.5 | 166       |
| 23 | In vivo response of GsdmA3Dfl/+ mice to topically applied anti-psoriatic agents: effects on epidermal thickness, as determined by optical coherence tomography and H&E staining. Experimental Dermatology, 2011, 20, 269-272. | 1.4 | 14        |
| 24 | In Vivo, In Situ Imaging of Microneedle Insertion into the Skin of Human Volunteers Using Optical Coherence Tomography. Pharmaceutical Research, 2011, 28, 66-81.   | 1.7 | 102       |
| 25 | 3D optical coherence tomography for clinical diagnosis of nonmelanoma skin cancers. Imaging in Medicine, 2011, 3, 653-674.  | 0.0 | 15        |
| 26 | Multispectral in vivo three-dimensional optical coherence tomography of human skin. Journal of Biomedical Optics, 2010, 15, 026025.   | 1.4 | 94        |
| 27 | Real-time <i>in vivo</i> imaging of adult Zebrafish brain using optical coherence tomography. Journal of Biophotonics, 2009, 2, 288-291.  | 1.1 | 45        |