

CITATION REPORT

List of articles citing

A roadmap for the clinical implementation of optical-imaging biomarkers

DOI: 10.1038/s41551-019-0392-5

Nature Biomedical Engineering, 2019, 3, 339-353.

Source: <https://exaly.com/paper-pdf/73322576/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
40	Photoacoustic imaging as a tool to probe the tumour microenvironment. <i>DMM Disease Models and Mechanisms</i> , 2019 , 12,	4.1	29
39	Nanobiophotonics and fluorescence nanoscopy in 2020. 2020 , 113-162		0
38	Peri-tumoural stroma collagen organization of invasive ductal carcinoma assessed by polarized light microscopy differs between OncotypeDX risk group. <i>Journal of Biophotonics</i> , 2020 , 13, e202000188 ^{3,1}		3
37	Efficient Generation of Two-Photon Excited Phosphorescence from Molecules in Plasmonic Nanocavities. <i>Nano Letters</i> , 2020 , 20, 4653-4658	11.5	12
36	Radiomics Applications in Renal Tumor Assessment: A Comprehensive Review of the Literature. <i>Cancers</i> , 2020 , 12,	6.6	12
35	Surgical spectral imaging. <i>Medical Image Analysis</i> , 2020 , 63, 101699	15.4	35
34	BODIPY based red emitters: Synthesis, computational and biological studies. <i>Bioorganic Chemistry</i> , 2021 , 106, 104467	5.1	2
33	Fluorescence imaging in pediatric surgery: State-of-the-art and future perspectives. <i>Journal of Pediatric Surgery</i> , 2021 , 56, 655-662	2.6	5
32	A Copolymer-in-Oil Tissue-Mimicking Material With Tuneable Acoustic and Optical Characteristics for Photoacoustic Imaging Phantoms. <i>IEEE Transactions on Medical Imaging</i> , 2021 , 40, 3593-3603	11.7	4
31	Multi-scale optoacoustic molecular imaging of brain diseases. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 4152-4170	8.8	18
30	Advances in translational imaging of the microcirculation. <i>Microcirculation</i> , 2021 , 28, e12683	2.9	1
29	Comparative Analysis of Diagnostic Techniques for Melanoma Detection: A Systematic Review of Diagnostic Test Accuracy Studies and Meta-Analysis. <i>Frontiers in Medicine</i> , 2021 , 8, 637069	4.9	0
28	Emerging principles of cancer biophysics. <i>Faculty Reviews</i> , 2021 , 10, 61	1.2	3
27	Multimodal Contrast Agents for Optoacoustic Brain Imaging in Small Animals. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 746815	5.8	1
26	Optical spectroscopy for in vivo medical diagnosis: review of the state of the art and future perspectives. <i>Progress in Biomedical Engineering</i> , 2020 , 2, 042001	7.2	15
25	3D microarchitecture of the human tuberculous granuloma.		2
24	Quantitative phase and polarization imaging through an optical fiber applied to detection of early esophageal tumorigenesis. <i>Journal of Biomedical Optics</i> , 2019 , 24, 1-13	3.5	4

23	Development of a drug-device combination for fluorescence-guided surgery in neuroendocrine tumors. <i>Journal of Biomedical Optics</i> , 2020 , 25,	3.5	1
22	First-in-human pilot study of snapshot multispectral endoscopy for early detection of Barrett's-related neoplasia. <i>Journal of Biomedical Optics</i> , 2021 , 26,	3.5	0
21	Early Changes in DCE-MRI Biomarkers May Predict Survival Outcomes in Patients with Advanced Hepatocellular Carcinoma after Sorafenib Failure: Two Prospective Phase II Trials. <i>Cancers</i> , 2021 , 13,	6.6	0
20	Blinking Acoustic Nanodroplets Enable Fast Super-resolution Ultrasound Imaging. <i>ACS Nano</i> , 2021 , 15, 16913-16923	16.7	1
19	Enhanced medical diagnosis for dOCTors: a perspective of optical coherence tomography. <i>Journal of Biomedical Optics</i> , 2021 , 26,	3.5	4
18	Development of Planar Illumination Strategies for Solving Mysteries in the Sub-Cellular Realm.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	1
17	Hyperspectral Imaging for Clinical Applications. <i>Biochip Journal</i> , 2022 , 16, 1	4	4
16	Polarization memory rate as a metric to differentiate benign and malignant tissues.. <i>Biomedical Optics Express</i> , 2022 , 13, 620-632	3.5	1
15	Optimized spectral filter design enables more accurate estimation of oxygen saturation in spectral imaging.. <i>Biomedical Optics Express</i> , 2022 , 13, 2156-2173	3.5	1
14	Spectrally tailored Hyperpixel filter arrays for imaging of chemical compositions. 2022 ,		1
13	Recent Technical Advances in Accelerating the Clinical Translation of Small Animal Brain Imaging: Hybrid Imaging, Deep Learning, and Transcriptomics.. <i>Frontiers in Medicine</i> , 2022 , 9, 771982	4.9	1
12	From P4 medicine to P5 medicine: transitional times for a more human-centric approach to AI-based tools for hospitals of tomorrow. <i>Open Research Europe</i> , 2, 33		0
11	Criteria for the design of tissue-mimicking phantoms for the standardization of biophotonic instrumentation. <i>Nature Biomedical Engineering</i> , 2022 , 6, 541-558	19	4
10	Noninvasive hemoglobin sensing and imaging: optical tools for disease diagnosis. 2022 , 27,		1
9	Non-invasive monitoring of blood oxygenation in human placentas via concurrent diffuse optical spectroscopy and ultrasound imaging. 2022 , 6, 1017-1030		0
8	Real-time Tracking and Classification of Tumor and Nontumor Tissue in Upper Gastrointestinal Cancers Using Diffuse Reflectance Spectroscopy for Resection Margin Assessment. e223899		0
7	Printable personalized drug delivery patch for the topical therapy of skin diseases. 2022 ,		0
6	A high-resolution 3D atlas of the spectrum of tuberculous and COVID -19 lung lesions.		0

- 5 Enhanced Label-Free Nanoplasmonic Cytokine Detection in SARS-CoV-2 Induced Inflammation Using Rationally Designed Peptide Aptamer. **2022**, 14, 48464-48475 ○
- 4 Multispectral imaging of nailfold capillaries using light-emitting diode illumination. **2022**, 27, ○
- 3 Discrimination of normal and cancerous human skin tissues based on laser-induced spectral shift fluorescence microscopy. **2022**, 12, ○
- 2 Surgical polarimetric endoscopy for the detection of laryngeal cancer. ○
- 1 Newer Technologies. **2023**, 1-8 ○