

Hsun-Chia Hsu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10585109/publications.pdf>

Version: 2024-02-01

8
papers

172
citations

1684188

5
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

287
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|------|-----------|
| 1 | Label-free automated three-dimensional imaging of whole organs by microtomy-assisted photoacoustic microscopy. <i>Nature Communications</i> , 2017, 8, 1386. | 12.8 | 104 |
| 2 | <i>In vivo</i> photoacoustic microscopy of human cuticle microvasculature with single-cell resolution. <i>Journal of Biomedical Optics</i> , 2016, 21, 056004. | 2.6 | 27 |
| 3 | Multifocal photoacoustic microscopy using a single-element ultrasonic transducer through an ergodic relay. <i>Light: Science and Applications</i> , 2020, 9, 135. | 16.6 | 17 |
| 4 | Multiscale Photoacoustic Tomography of a Genetically Encoded Near-Infrared FRET Biosensor. <i>Advanced Science</i> , 2021, 8, e2102474. | 11.2 | 12 |
| 5 | Dual-axis illumination for virtually augmenting the detection view of optical-resolution photoacoustic microscopy. <i>Journal of Biomedical Optics</i> , 2018, 23, 1. | 2.6 | 8 |
| 6 | Probing single-cell oxygen reserve in sickled erythrocytes via <i>in vivo</i> photoacoustic microscopy. <i>American Journal of Hematology</i> , 2022, 97, . | 4.1 | 3 |
| 7 | Tissue-mimicking phantoms for performance evaluation of photoacoustic microscopy systems. <i>Biomedical Optics Express</i> , 2022, 13, 1357. | 2.9 | 1 |
| 8 | Whole-organ atlas imaged by label-free high-resolution photoacoustic microscopy assisted by a microtome. , 2018, , . | | 0 |