

Nikhila Nyayapathi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4172873/publications.pdf>

Version: 2024-02-01

15
papers

432
citations

840119

11
h-index

1125271

13
g-index

15
all docs

15
docs citations

15
times ranked

491
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Deep-E: A Fully-Dense Neural Network for Improving the Elevation Resolution in Linear-Array-Based Photoacoustic Tomography. IEEE Transactions on Medical Imaging, 2022, 41, 1279-1288. | 5.4 | 15 |
| 2 | Photoacoustic dual-scan mammoscope: results from 38 patients. Biomedical Optics Express, 2021, 12, 2054. | 1.5 | 16 |
| 3 | Generalized spatial coherence reconstruction for photoacoustic computed tomography. Journal of Biomedical Optics, 2021, 26, . | 1.4 | 1 |
| 4 | Dual Scan Mammoscope (DSM)â€”A New Portable Photoacoustic Breast Imaging System With Scanning in Craniocaudal Plane. IEEE Transactions on Biomedical Engineering, 2020, 67, 1321-1327. | 2.5 | 46 |
| 5 | Facile formulation of a long-wavelength cyanine for optical imaging in the second near-infrared window. Biomaterials Science, 2020, 8, 4199-4205. | 2.6 | 16 |
| 6 | A New Deep Learning Network for Mitigating Limited-view and Under-sampling Artifacts in Ring-shaped Photoacoustic Tomography. Computerized Medical Imaging and Graphics, 2020, 84, 101720. | 3.5 | 32 |
| 7 | Sound Out the Deep Colors: Photoacoustic Molecular Imaging at New Depths. Molecular Imaging, 2020, 19, 153601212098151. | 0.7 | 9 |
| 8 | A new photoacoustic breast cancer tomography system that images the patient in standing pose. , 2020, , . | | 0 |
| 9 | Surfactantâ€”Stripped Micelles for NIRâ€” Photoacoustic Imaging through 12 cm of Breast Tissue and Whole Human Breasts. Advanced Materials, 2019, 31, e1902279. | 11.1 | 86 |
| 10 | Photoacoustic imaging of breast cancer: a mini review of system design and image features. Journal of Biomedical Optics, 2019, 24, 1. | 1.4 | 84 |
| 11 | Optimizing the light delivery of linear-array-based photoacoustic systems by double acoustic reflectors. Scientific Reports, 2018, 8, 13004. | 1.6 | 30 |
| 12 | PA vessel. , 2018, 2, 1-24. | | 4 |
| 13 | Ingestible roasted barley for contrast-enhanced photoacoustic imaging in animal and human subjects. Biomaterials, 2018, 175, 72-81. | 5.7 | 13 |
| 14 | A Robust and Secure Palm Vessel Biometric Sensing System Based on Photoacoustics. IEEE Sensors Journal, 2018, 18, 5993-6000. | 2.4 | 28 |
| 15 | Various On-Chip Sensors with Microfluidics for Biological Applications. Sensors, 2014, 14, 17008-17036. | 2.1 | 52 |