

Yash Mantri

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5596936/yash-mantri-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. 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.

23
papers

223
citations

7
h-index

14
g-index

28
ext. papers

425
ext. citations

8.2
avg, IF

4.32
L-index

#	Paper	IF	Citations
23	Peptidic Sulfhydryl for Interfacing Nanocrystals and Subsequent Sensing of SARS-CoV-2 Protease. <i>Chemistry of Materials</i> , 2022 , 34, 1259-1268	9.6	1
22	Photoacoustic monitoring of angiogenesis predicts response to therapy in healing wounds.. <i>Wound Repair and Regeneration</i> , 2022 ,	3.6	2
21	Impact of skin tone on photoacoustic oximetry and tools to minimize bias.. <i>Biomedical Optics Express</i> , 2022 , 13, 875-887	3.5	4
20	Ultrasmall gold nanorod-polydopamine hybrids for enhanced photoacoustic imaging and photothermal therapy in second near-infrared window.. <i>Nanotheranostics</i> , 2022 , 6, 79-90	5.6	6
19	A fiber optic photoacoustic sensor for real-time heparin monitoring. <i>Biosensors and Bioelectronics</i> , 2022 , 196, 113692	11.8	3
18	Peptide-Induced Fractal Assembly of Silver Nanoparticles for Visual Detection of Disease Biomarkers.. <i>ACS Nano</i> , 2022 ,	16.7	1
17	Photoacoustic imaging phantoms for assessment of object detectability and boundary buildup artifacts.. <i>Photoacoustics</i> , 2022 , 26, 100348	9	0
16	Monitoring peripheral hemodynamic response to changes in blood pressure via photoacoustic imaging.. <i>Photoacoustics</i> , 2022 , 26, 100345	9	0
15	Photoacoustic Enhancement of Ferricyanide-Treated Silver Chalcogenide-Coated Gold Nanorods. <i>Journal of Physical Chemistry C</i> , 2022 , 126, 7605-7614	3.8	0
14	A Charge-Switchable Zwitterionic Peptide for Rapid Detection of SARS-CoV-2 Main Protease.. <i>Angewandte Chemie - International Edition</i> , 2021 ,	16.4	9
13	Gold Nanorod-Melanin Hybrids for Enhanced and Prolonged Photoacoustic Imaging in the Near-Infrared-II Window. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 14974-14984	9.5	15
12	Hydro-Expandable Calcium Phosphate Micro/Nano-Particles with Controllable Size and Morphology for Mechanical Ablation. <i>ACS Applied Nano Materials</i> , 2021 , 4, 3877-3886	5.6	0
11	Activatable Carbocyanine Dimers for Photoacoustic and Fluorescent Detection of Protease Activity. <i>ACS Sensors</i> , 2021 , 6, 2356-2365	9.2	17
10	Mapping Aerosolized Saliva on Face Coverings for Biosensing Applications. <i>Analytical Chemistry</i> , 2021 , 93, 11025-11032	7.8	6
9	Motion-compensated noninvasive periodontal health monitoring using handheld and motor-based photoacoustic-ultrasound imaging systems. <i>Biomedical Optics Express</i> , 2021 , 12, 1543-1558	3.5	8
8	Point-of-Care Ultrasound as a Tool to Assess Wound Size and Tissue Regeneration after Skin Grafting. <i>Ultrasound in Medicine and Biology</i> , 2021 , 47, 2550-2559	3.5	3
7	Versatile Polymer Nanocapsules via Redox Competition. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 26357-26362	16.4	5

6	Iodide-doped precious metal nanoparticles: measuring oxidative stress in vivo via photoacoustic imaging. <i>Nanoscale</i> , 2020 , 12, 10511-10520	7.7	29
5	Deep learning improves contrast in low-fluence photoacoustic imaging. <i>Biomedical Optics Express</i> , 2020 , 11, 3360-3373	3.5	37
4	Engineering Plasmonic Nanoparticles for Enhanced Photoacoustic Imaging. <i>ACS Nano</i> , 2020 , 14, 9408-9427	4.7	69
3	Photoacoustic Imaging as a Tool for Assessing Hair Follicular Organization. <i>Sensors</i> , 2020 , 20,	3.8	4
2	Photoacoustic monitoring of angiogenesis predicts response to therapy in healing wounds		2
1	Versatile Polymer Nanocapsules via Redox Competition. <i>Angewandte Chemie</i> ,	3.6	1