

Melissa

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5851503/publications.pdf>

Version: 2024-02-01

9
papers

364
citations

1307594
7
h-index

1474206
9
g-index

9
all docs

9
docs citations

9
times ranked

234
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of NIR-II Photoacoustic Probes Tailored for Deep-Tissue Sensing of Nitric Oxide. <i>Journal of the American Chemical Society</i> , 2021, 143, 7196-7202.	13.7	97
2	Photoacoustic imaging of elevated glutathione in models of lung cancer for companion diagnostic applications. <i>Nature Chemistry</i> , 2021, 13, 1248-1256.	13.6	93
3	A General Approach to Convert Hemicyanine Dyes into Highly Optimized Photoacoustic Scaffolds for Analyte Sensing**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18860-18866.	13.8	64
4	New directions of activity-based sensing for <i>in vivo</i> NIR imaging. <i>Chemical Science</i> , 2021, 12, 3393-3405.	7.4	63
5	Activity-based photoacoustic probe for biopsy-free assessment of copper in murine models of Wilson's disease and liver metastasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	18
6	Activity-Based NIR Bioluminescence Probe Enables Discovery of Diet-Induced Modulation of the Tumor Microenvironment via Nitric Oxide. <i>ACS Central Science</i> , 2022, 8, 461-472.	11.3	14
7	A General Approach to Convert Hemicyanine Dyes into Highly Optimized Photoacoustic Scaffolds for Analyte Sensing**. <i>Angewandte Chemie</i> , 2021, 133, 19008-19014.	2.0	11
8	Acoustogenic Probes: A Demonstration to Introduce the Photoacoustic Effect <i>via</i> Analyte Sensing. <i>Journal of Chemical Education</i> , 2021, 98, 2618-2624.	2.3	3
9	Near-infrared II photoacoustic probes for nitric oxide sensing. <i>Methods in Enzymology</i> , 2021, 657, 157-180.	1.0	1