

Erving C Ximendes

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1044282/erving-c-ximendes-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.

34
papers

1,293
citations

17
h-index

35
g-index

35
ext. papers

1,657
ext. citations

10.3
avg, IF

4.81
L-index

#	Paper	IF	Citations
34	Boosting the Near-Infrared Emission of AgS Nanoparticles by a Controllable Surface Treatment for Bioimaging Applications.. <i>ACS Applied Materials & Interfaces</i> , 2022 ,	9.5	1
33	New opportunities for light-based tumor treatment with an "iron fist".. <i>Light: Science and Applications</i> , 2022 , 11, 65	16.7	2
32	Reliable and Remote Monitoring of Absolute Temperature During Liver Inflammation via Luminescence Lifetime-Based Nanothermometry. <i>Advanced Materials</i> , 2021 , e2107764	24	6
31	Reaching Deeper: Absolute In Vivo Thermal Reading of Liver by Combining Superbright AgS Nanothermometers and In Silico Simulations. <i>Advanced Science</i> , 2021 , 8, 2003838	13.6	4
30	Luminescence based temperature bio-imaging: Status, challenges, and perspectives. <i>Applied Physics Reviews</i> , 2021 , 8, 011317	17.3	42
29	Infrared-Emitting Multimodal Nanostructures for Controlled In Vivo Magnetic Hyperthermia. <i>Advanced Materials</i> , 2021 , 33, e2100077	24	11
28	, Nanoparticle-Enabled Fluorescence Imaging?. <i>ACS Nano</i> , 2021 , 15, 1917-1941	16.7	16
27	Nanoparticles for In Vivo Lifetime Multiplexed Imaging. <i>Methods in Molecular Biology</i> , 2021 , 2350, 239-251		
26	In Vivo Near-Infrared Imaging Using Ternary Selenide Semiconductor Nanoparticles with an Uncommon Crystal Structure. <i>Small</i> , 2021 , 17, e2103505	11	1
25	Instantaneous In Vivo Imaging of Acute Myocardial Infarct by NIR-II Luminescent Nanodots. <i>Small</i> , 2020 , 16, e1907171	11	10
24	Ultrafast photochemistry produces superbright short-wave infrared dots for low-dose in vivo imaging. <i>Nature Communications</i> , 2020 , 11, 2933	17.4	33
23	Spectral Distortions of Infrared Luminescent Nanothermometers Compromise Their Reliability. <i>ACS Nano</i> , 2020 , 14, 4122-4133	16.7	47
22	10-Fold Quantum Yield Improvement of AgS Nanoparticles by Fine Compositional Tuning. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 12500-12509	9.5	17
21	Facile and fast synthesis of lanthanide nanoparticles for bio-applications 2020 , 195-228		1
20	Investigation of the concentration- and temperature-dependent motion of colloidal nanoparticles. <i>Nanoscale</i> , 2020 , 12, 12561-12567	7.7	4
19	The near-infrared autofluorescence fingerprint of the brain. <i>Journal of Biophotonics</i> , 2020 , 13, e202000154	5.4	5
18	Biological studies of an ICG-tagged aptamer as drug delivery system for malignant melanoma. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020 , 154, 228-235	5.7	10

17	Ag ₂ S Nanoheaters with Multiparameter Sensing for Reliable Thermal Feedback during In Vivo Tumor Therapy. <i>Advanced Functional Materials</i> , 2020 , 30, 2002730	15.6	26
16	The role of tissue fluorescence in in vivo optical bioimaging. <i>Journal of Applied Physics</i> , 2020 , 128, 171101.5	1.5	7
15	Perspectives for AgS NIR-II nanoparticles in biomedicine: from imaging to multifunctionality. <i>Nanoscale</i> , 2019 , 11, 19251-19264	7.7	47
14	Thulium doped LaF for nanothermometry operating over 1000 nm. <i>Nanoscale</i> , 2019 , 11, 8864-8869	7.7	25
13	Lifetime-Encoded Infrared-Emitting Nanoparticles for in Vivo Multiplexed Imaging. <i>ACS Nano</i> , 2018 , 12, 4362-4368	16.7	88
12	In Vivo Early Tumor Detection and Diagnosis by Infrared Luminescence Transient Nanothermometry. <i>Advanced Functional Materials</i> , 2018 , 28, 1803924	15.6	54
11	Core-shell rare-earth-doped nanostructures in biomedicine. <i>Nanoscale</i> , 2018 , 10, 12935-12956	7.7	46
10	Nd 3+ ions in nanomedicine: Perspectives and applications. <i>Optical Materials</i> , 2017 , 63, 185-196	3.3	45
9	In Vivo Ischemia Detection by Luminescent Nanothermometers. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1601195	10.1	53
8	In Vivo Subcutaneous Thermal Video Recording by Supersensitive Infrared Nanothermometers. <i>Advanced Functional Materials</i> , 2017 , 27, 1702249	15.6	118
7	In Vivo Luminescence Nanothermometry: from Materials to Applications. <i>Advanced Optical Materials</i> , 2017 , 5, 1600508	8.1	192
6	Unveiling in Vivo Subcutaneous Thermal Dynamics by Infrared Luminescent Nanothermometers. <i>Nano Letters</i> , 2016 , 16, 1695-703	11.5	209
5	Self-monitored photothermal nanoparticles based on core-shell engineering. <i>Nanoscale</i> , 2016 , 8, 3057-66.7	6.7	92
4	LaF ₃ core/shell nanoparticles for subcutaneous heating and thermal sensing in the second biological-window. <i>Applied Physics Letters</i> , 2016 , 108, 253103	3.4	63
3	Modeling population and thermal lenses in the presence of Auger Upconversion for Nd(3+) doped materials. <i>Optics Express</i> , 2015 , 23, 15983-91	3.3	1
2	Near infrared bioimaging and biosensing with semiconductor and rare-earth nanoparticles: recent developments in multifunctional nanomaterials. <i>Nanoscale Advances</i> ,	5.1	4
1	Going Above and Beyond: A Tenfold Gain in the Performance of Luminescence Thermometers Joining Multiparametric Sensing and Multiple Regression. <i>Laser and Photonics Reviews</i> , 2100301	8.3	13