

Dirk H Ortgies

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,381
citations

361296

20
h-index

477173

29
g-index

40
all docs

40
docs citations

40
times ranked

1841
citing authors

#	ARTICLE	IF	CITATIONS
1	1.3 μ m emitting SrF ₂ :Nd ³⁺ nanoparticles for high contrast in vivo imaging in the second biological window. <i>Nano Research</i> , 2015, 8, 649-665.	5.8	185
2	Hybrid Nanostructures for High-Sensitivity Luminescence Nanothermometry in the Second Biological Window. <i>Advanced Materials</i> , 2015, 27, 4781-4787.	11.1	174
3	Lifetime-Encoded Infrared-Emitting Nanoparticles for <i>in Vivo</i> Multiplexed Imaging. <i>ACS Nano</i> , 2018, 12, 4362-4368.	7.3	138
4	Overcoming Autofluorescence: Long-Lifetime Infrared Nanoparticles for Time-Gated In Vivo Imaging. <i>Advanced Materials</i> , 2016, 28, 10188-10193.	11.1	108
5	Rare-earth-doped fluoride nanoparticles with engineered long luminescence lifetime for time-gated <i>in vivo</i> optical imaging in the second biological window. <i>Nanoscale</i> , 2018, 10, 17771-17780.	2.8	87
6	Desulfination as an Emerging Strategy in Palladium-Catalyzed C-C Coupling Reactions. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 408-425.	1.2	80
7	Perspectives for Ag ₂ S NIR-II nanoparticles in biomedicine: from imaging to multifunctionality. <i>Nanoscale</i> , 2019, 11, 19251-19264.	2.8	69
8	Core-shell rare-earth-doped nanostructures in biomedicine. <i>Nanoscale</i> , 2018, 10, 12935-12956.	2.8	63
9	Optomagnetic Nanoplatforms for In Situ Controlled Hyperthermia. <i>Advanced Functional Materials</i> , 2018, 28, 1704434.	7.8	59
10	In Vivo Deep Tissue Fluorescence and Magnetic Imaging Employing Hybrid Nanostructures. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 1406-1414.	4.0	52
11	Gold nanoshells: Contrast agents for cell imaging by cardiovascular optical coherence tomography. <i>Nano Research</i> , 2018, 11, 676-685.	5.8	38
12	Subtissue Imaging and Thermal Monitoring of Gold Nanorods through Joint Encapsulation with Nd-Doped Infrared-Emitting Nanoparticles. <i>Small</i> , 2016, 12, 5394-5400.	5.2	37
13	Infrared fluorescence imaging of infarcted hearts with Ag ₂ S nanodots. <i>Nano Research</i> , 2019, 12, 749-757.	5.8	35
14	Scope of the Desulfinylative Palladium-Catalyzed Cross-Coupling of Aryl Sulfonates with Aryl Bromides. <i>Synthesis</i> , 2013, 45, 694-702.	1.2	34
15	Quantum Dots Emitting in the Third Biological Window as Bimodal Contrast Agents for Cardiovascular Imaging. <i>Advanced Functional Materials</i> , 2017, 27, 1703276.	7.8	29
16	Optical Nanoparticles for Cardiovascular Imaging. <i>Advanced Optical Materials</i> , 2018, 6, 1800626.	3.6	27
17	Instantaneous In Vivo Imaging of Acute Myocardial Infarct by NIR-II Luminescent Nanodots. <i>Small</i> , 2020, 16, e1907171.	5.2	25
18	The role of tissue fluorescence in <i>in vivo</i> optical bioimaging. <i>Journal of Applied Physics</i> , 2020, 128, .	1.1	23

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19	Palladium and TEMPO as Co-catalysts in a Desulfurative Homocoupling Reaction. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 3917-3922.	1.2	22
20	Enhancing Optical Forces on Fluorescent Up-converting Nanoparticles by Surface Charge Tailoring. <i>Small</i> , 2015, 11, 1555-1561.	5.2	21
21	Magnetic Nanoplatelets for High Contrast Cardiovascular Imaging by Magnetically Modulated Optical Coherence Tomography. <i>ChemPhotoChem</i> , 2019, 3, 529-539.	1.5	16
22	Autofluorescence-Free <i>In Vivo</i> Imaging Using Polymer-Stabilized Nd ³⁺ -Doped YAG Nanocrystals. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 51273-51284.	4.0	15
23	A Ligand-Free Palladium-Catalyzed Cross-Coupling of Aryl Sulfinates with Aryl Bromides. <i>Synlett</i> , 2013, 24, 1715-1721.	1.0	14
24	Lanthanide doped nanoheaters with reliable and absolute temperature feedback. <i>Physica B: Condensed Matter</i> , 2022, 631, 413652.	1.3	10
25	Molecular Imaging of Infarcted Heart by Biofunctionalized Gold Nanoshells. <i>Advanced Healthcare Materials</i> , 2021, 10, e2002186.	3.9	6
26	<i>In Vivo</i> Near-Infrared Imaging Using Ternary Selenide Semiconductor Nanoparticles with an Uncommon Crystal Structure. <i>Small</i> , 2021, 17, e2103505.	5.2	6
27	Bismuth Selenide Nanostructured Clusters as Optical Coherence Tomography Contrast Agents: Beyond Gold-Based Particles. <i>ACS Photonics</i> , 2022, 9, 559-566.	3.2	4
28	Optical detection of atherosclerosis at molecular level by optical coherence tomography: An <i>in vitro</i> study. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2022, 43, 102556.	1.7	2
29	Nanoparticles for <i>In Vivo</i> Lifetime Multiplexed Imaging. <i>Methods in Molecular Biology</i> , 2021, 2350, 239-251.	0.4	1
30	Near Infrared-Emitting Bioprobes for Low-Autofluorescence Imaging Techniques. , 2020, , 199-229.		1
31	Magnetic Nanoplatelets for High Contrast Cardiovascular Imaging by Magnetically Modulated Optical Coherence Tomography. <i>ChemPhotoChem</i> , 2019, 3, 503-503.	1.5	0
32	Nanothermometers: Remote Sensors for Temperature Mapping at the Nanoscale. , 2020, , 24-1-24-16.		0