

Amelie Heuer-Jungemann

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,162
citations

393982

19
h-index

552369

26
g-index

34
all docs

34
docs citations

34
times ranked

3793
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Ligands in the Chemical Synthesis and Applications of Inorganic Nanoparticles. <i>Chemical Reviews</i> , 2019, 119, 4819-4880.	23.0	709
2	Polymer-Enhanced Stability of Inorganic Perovskite Nanocrystals and Their Application in Color Conversion LEDs. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 19579-19586.	4.0	295
3	3D DNA Origami Crystals. <i>Advanced Materials</i> , 2018, 30, e1800273.	11.1	150
4	Giant Bandgap Renormalization and Exciton-Phonon Scattering in Perovskite Nanocrystals. <i>Advanced Optical Materials</i> , 2017, 5, 1700231.	3.6	125
5	Interactions of Skin with Gold Nanoparticles of Different Surface Charge, Shape, and Functionality. <i>Small</i> , 2015, 11, 713-721.	5.2	115
6	DNA-Origami-Templated Silica Growth by Sol-Gel Chemistry. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 912-916.	7.2	103
7	Unraveling the interaction between doxorubicin and DNA origami nanostructures for customizable chemotherapeutic drug release. <i>Nucleic Acids Research</i> , 2021, 49, 3048-3062.	6.5	95
8	Gold nanoparticles and fluorescently-labelled DNA as a platform for biological sensing. <i>Nanoscale</i> , 2013, 5, 9503.	2.8	66
9	Chiral Assembly of Gold-Silver Core-Shell Plasmonic Nanorods on DNA Origami with Strong Optical Activity. <i>ACS Nano</i> , 2020, 14, 7454-7461.	7.3	63
10	Copper-free click chemistry as an emerging tool for the programmed ligation of DNA-functionalised gold nanoparticles. <i>Nanoscale</i> , 2013, 5, 7209.	2.8	57
11	Nanoscale FasL Organization on DNA Origami to Decipher Apoptosis Signal Activation in Cells. <i>Small</i> , 2021, 17, e2101678.	5.2	48
12	Peptide-coated gold nanoparticles for modulation of angiogenesis in vivo. <i>International Journal of Nanomedicine</i> , 2016, 11, 2633.	3.3	47
13	Plasmonic Backscattering Effect in High-Efficient Organic Photovoltaic Devices. <i>Advanced Energy Materials</i> , 2016, 6, 1501640.	10.2	43
14	From DNA Tiles to Functional DNA Materials. <i>Trends in Chemistry</i> , 2019, 1, 799-814.	4.4	43
15	Engineering Inorganic Materials with DNA Nanostructures. <i>ACS Central Science</i> , 2021, 7, 1969-1979.	5.3	38
16	Cryopreservation of DNA Origami Nanostructures. <i>Small</i> , 2020, 16, e1905959.	5.2	37
17	Gold(I)-catalysed iodoalkoxylation of allenes. <i>Tetrahedron</i> , 2011, 67, 1609-1616.	1.0	23
18	Potentiating angiogenesis arrest in vivo via laser irradiation of peptide functionalised gold nanoparticles. <i>Journal of Nanobiotechnology</i> , 2017, 15, 85.	4.2	23

#	ARTICLE	IF	CITATIONS
19	Sensing of Vimentin mRNA in 2D and 3D Models of Wounded Skin Using DNA-Coated Gold Nanoparticles. <i>Small</i> , 2018, 14, e1703489.	5.2	23
20	Selective killing of cells triggered by their mRNA signature in the presence of smart nanoparticles. <i>Nanoscale</i> , 2016, 8, 16857-16861.	2.8	20
21	Programming the assembly of gold nanoparticles on graphene oxide sheets using DNA. <i>Journal of Materials Chemistry C</i> , 2015, 3, 9379-9384.	2.7	16
22	Siliciumdioxidwachstum auf DNA-Origamitemplaten durch Sol-Gel-Chemie. <i>Angewandte Chemie</i> , 2019, 131, 924-928.	1.6	8
23	Development of a convenient route for the preparation of the N2-Cbz-protected guaninyl synthon required for Boc-mediated PNA synthesis. <i>Tetrahedron Letters</i> , 2013, 54, 6275-6278.	0.7	6
24	Cells on hierarchically-structured platforms hosting functionalized nanoparticles. <i>Biomaterials Science</i> , 2018, 6, 1469-1479.	2.6	4
25	How can nano-delivery systems selectively kill cancerous cells?. <i>Therapeutic Delivery</i> , 2017, 8, 171-173.	1.2	1
26	Magnetic Nanoparticles: general discussion. <i>Faraday Discussions</i> , 2014, 175, 113-135.	1.6	0
27	Other Nanoparticles: general discussion. <i>Faraday Discussions</i> , 2014, 175, 289-303.	1.6	0
28	Optical nanoparticles: general discussion. <i>Faraday Discussions</i> , 2014, 175, 215-227.	1.6	0
29	Programming nanoparticle assembly. , 2015, , .		0
30	Photovoltaic Devices: Plasmonic Backscattering Effect in High-Efficient Organic Photovoltaic Devices (Adv. Energy Mater. 2/2016). <i>Advanced Energy Materials</i> , 2016, 6, .	10.2	0
31	Nanoparticles in sensing. <i>Proceedings of SPIE</i> , 2016, , .	0.8	0