BjÃ¶rn M Reinhard

List of Publications by Year
in descending order

20 papers	307 citations	759233 12 h-index	888059 17 g-index
20 all docs	20 docs citations	20 times ranked	523 citing authors

#	Article	IF	Citations
1	Virus-Mimicking Polymer Nanoparticles Targeting CD169⁺ Macrophages as Long-Acting Nanocarriers for Combination Antiretrovirals. ACS Applied Materials & Interfaces, 2022, 14, 2488-2500.	8.0	12
2	Plasmonic Enhancement Strategies for Light-Driven Microbe Inactivation. Journal of Physical Chemistry C, 2022, 126, 2325-2335.	3.1	3
3	Plasmonic photoreactors-coated plastic tubing as combined-active-and-passive antimicrobial flow sterilizer. Journal of Materials Chemistry B, 2022, 10, 2001-2010.	5.8	0
4	Characterizing Lipidâ€Coated Mesoporous Silica Nanoparticles as CD169â€Binding Delivery System for Rilpivirine and Cabotegravir. Advanced NanoBiomed Research, 2022, 2, .	3.6	3
5	Wavelength-Dependent Bifunctional Plasmonic Photocatalysis in Au/Chalcopyrite Hybrid Nanostructures. ACS Nano, 2022, 16, 6813-6824.	14.6	23
6	Plasmonic nano-antimicrobials: properties, mechanisms and applications in microbe inactivation and sensing. Nanoscale, 2021, 13, 3374-3411.	5.6	19
7	Characterizing nanoplasticsâ€induced stress and its SERS fingerprint in an intestinal membrane model. Nano Select, 2021, 2, 1707-1722.	3.7	1
8	Hybrid Plasmonic Photoreactors as Visible Light-Mediated Bactericides. ACS Applied Materials & Interfaces, 2020, 12, 106-116.	8.0	21
9	Physiologically Relevant Mechanics of Biodegradable Polyester Nanoparticles. Nano Letters, 2020, 20, 7536-7542.	9.1	11
10	Stiffness of HIVâ€1 Mimicking Polymer Nanoparticles Modulates Gangliosideâ€Mediated Cellular Uptake and Trafficking. Advanced Science, 2020, 7, 2000649.	11.2	26
11	Evolution of near- and far-field optical properties of Au bipyramids upon epitaxial deposition of Ag. Nanoscale, 2020, 12, 5402-5411.	5.6	12
12	Switchable Chiroptical Hot-Spots in Silicon Nanodisk Dimers. ACS Photonics, 2019, 6, 1981-1989.	6.6	36
13	Characterizing Large-Scale Receptor Clustering on the Single Cell Level: A Comparative Plasmon Coupling and Fluorescence Superresolution Microscopy Study. Journal of Physical Chemistry B, 2019, 123, 5494-5505.	2.6	15
14	Plasmon-Enhanced Pan-Microbial Pathogen Inactivation in the Cavitation Regime: Selectivity Without Targeting. ACS Applied Nano Materials, 2019, 2, 2548-2558.	5.0	6
15	Localized Surface Plasmon Coupling between Mid-IR-Resonant ITO Nanocrystals. Journal of Physical Chemistry C, 2018, 122, 5698-5704.	3.1	25
16	Nanoparticleâ€“cell interactions induced apoptosis: a case study with nanoconjugated epidermal growth factor. Nanoscale, 2018, 10, 6712-6723.	5.6	14
17	Effect of interstitial palladium on plasmon-driven charge transfer in nanoparticle dimers. Nature Communications, 2018, 9, 1608.	12.8	28
18	Ligand Density and Nanoparticle Clustering Cooperate in the Multivalent Amplification of Epidermal Growth Factor Receptor Activation. ACS Nano, 2018, 12, 10473-10485.	14.6	31

#	Article	IF	Citations
19	Membrane Fluidity Sensing on the Single Virus Particle Level with Plasmonic Nanoparticle Transducers. ACS Sensors, 2017, 2, 1415-1423.	7.8	6
20	Generating Optical Birefringence and Chirality in Silicon Nanowire Dimers. ACS Photonics, 2017, 4, 2265-2273.	6.6	15