

Marianne Aellen

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

236
citations

1937685

4
h-index

1720034

7
g-index

14
all docs

14
docs citations

14
times ranked

362
citing authors

#	ARTICLE	IF	CITATIONS
1	Unraveling the Growth Mechanism of Magic-Sized Semiconductor Nanocrystals. Journal of the American Chemical Society, 2021, 143, 2037-2048.	13.7	56
2	Bi ₂ O ₃ boosts brightness, biocompatibility and stability of Mn-doped Ba ₃ (VO ₄) ₂ as NIR-II contrast agent. Journal of Materials Chemistry B, 2021, 9, 3038-3046.	5.8	2
3	Compact Plasmonic Distributed-Feedback Lasers as Dark Sources of Surface Plasmon Polaritons. ACS Nano, 2021, 15, 9935-9944.	14.6	4
4	Active Mode Switching in Plasmonic Microlasers by Spatial Control of Optical Gain. Nano Letters, 2021, 21, 8952-8959.	9.1	2
5	Compositional Grading for Efficient and Narrowband Emission in CdSe-Based Core/Shell Nanoplatelets. Chemistry of Materials, 2019, 31, 9567-9578.	6.7	59
6	Absorption by water increases fluorescence image contrast of biological tissue in the shortwave infrared. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 9080-9085.	7.1	89
7	High precision, localized proton gradients and fluxes generated by a microelectrode device induce differential growth behaviors of pollen tubes. Lab on A Chip, 2017, 17, 671-680.	6.0	16
8	Synthesis and Isolation of Discrete-Growing CdSe Nanocrystals. , 0, , .		0
9	Synthesis and Isolation of Discrete-Growing CdSe Nanocrystals. , 0, , .		0
10	Role of Gain in Fabry-Pérot Surface Plasmon Polariton Lasers. ACS Photonics, 0, , .	6.6	7