

# Marianne Aellen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7922162/publications.pdf>

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	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
2	Compositional Grading for Efficient and Narrowband Emission in CdSe-Based Core/Shell Nanoplatelets. Chemistry of Materials, 2019, 31, 9567-9578.	6.7	59
3	Unraveling the Growth Mechanism of Magic-Sized Semiconductor Nanocrystals. Journal of the American Chemical Society, 2021, 143, 2037-2048.	13.7	56
4	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
5	Role of Gain in Fabry-Pérot Surface Plasmon Polariton Lasers. ACS Photonics, 0, , .	6.6	7
6	Compact Plasmonic Distributed-Feedback Lasers as Dark Sources of Surface Plasmon Polaritons. ACS Nano, 2021, 15, 9935-9944.	14.6	4
7	Bi <sub>2</sub> O <sub>3</sub> boosts brightness, biocompatibility and stability of Mn-doped Ba <sub>3</sub> (VO <sub>4</sub> ) <sub>2</sub> as NIR-II contrast agent. Journal of Materials Chemistry B, 2021, 9, 3038-3046.	5.8	2
8	Active Mode Switching in Plasmonic Microlasers by Spatial Control of Optical Gain. Nano Letters, 2021, 21, 8952-8959.	9.1	2
9	Synthesis and Isolation of Discrete-Growing CdSe Nanocrystals. , 0, , .		0
10	Synthesis and Isolation of Discrete-Growing CdSe Nanocrystals. , 0, , .		0