

# Marcus Tornberg

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10991392/publications.pdf>

Version: 2024-02-01

10  
papers

141  
citations

1307594

7  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

178  
citing authors

#	ARTICLE	IF	CITATIONS
1	In situ analysis of catalyst composition during gold catalyzed GaAs nanowire growth. Nature Communications, 2019, 10, 4577.	12.8	49
2	Kinetics of Au-Ga Droplet Mediated Decomposition of GaAs Nanowires. Nano Letters, 2019, 19, 3498-3504.	9.1	18
3	Limits of III-V Nanowire Growth Based on Droplet Dynamics. Journal of Physical Chemistry Letters, 2020, 11, 2949-2954.	4.6	14
4	Compositional Correlation between the Nanoparticle and the Growing Au-Assisted In <sub>x</sub> Ga <sub>1-x</sub> As Nanowire. Journal of Physical Chemistry Letters, 2021, 12, 7590-7595.	4.6	12
5	Thermodynamic Stability of Gold-Assisted InAs Nanowire Growth. Journal of Physical Chemistry C, 2017, 121, 21678-21684.	3.1	11
6	Branched InAs nanowire growth by droplet confinement. Applied Physics Letters, 2018, 113, 123104.	3.3	11
7	Enabling In Situ Studies of Metal-Organic Chemical Vapor Deposition in a Transmission Electron Microscope. Microscopy and Microanalysis, 2022, 28, 1484-1492.	0.4	11
8	Direct Observations of Twin Formation Dynamics in Binary Semiconductors. ACS Nanoscience Au, 2022, 2, 49-56.	4.8	8
9	Time-resolved compositional mapping during in situ TEM studies. Ultramicroscopy, 2021, 222, 113193.	1.9	4
10	Post-nucleation evolution of the liquid-solid interface in nanowire growth. Nanotechnology, 2022, 33, 105607.	2.6	3