

# Mateusz Weis

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/457340/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	Electroluminescence from nanocrystals above 2â€‰%Åµm. Nature Photonics, 2022, 16, 38-44.	31.4	25
2	Ultrafast light-induced coherent optical and acoustic phonons in few quintuple layers of the topological insulator $\text{Bi}_2\text{Te}_3$ . Physical Review B, 2015, 92, .	3.2	17
3	Quantum size effect on charges and phonons ultrafast dynamics in atomically controlled nanolayers of topological insulators $\text{Bi}_2\text{Te}_3$ . Scientific Reports, 2017, 7, 13782.	3.3	10
4	Guided-Mode Resonator Coupled with Nanocrystal Intraband Absorption. ACS Photonics, 2022, 9, 985-993.	6.6	10
5	Physicochemical analysis of $\text{Bi}_2\text{Te}_3$ â€“(Fe, Eu) â€“ $\text{Bi}_2\text{Te}_3$ junctions grown by molecular beam epitaxy method. AIP Advances, 2017, 7, .	1.3	6
6	Europium Doping Impact on the Properties of MBE Grown $\text{Bi}_2\text{Te}_3$ Thin Film. Materials, 2020, 13, 3111.	2.9	5
7	Reply to: Ultrafast evolution and transient phases of a prototype out-of-equilibrium Mott-Hubbard material. Nature Communications, 2019, 10, 4035.	12.8	4
8	Hot-carrier and optical-phonon ultrafast dynamics in the topological insulator $\text{Bi}_2\text{Te}_3$ upon iron deposition on its surface. Physical Review B, 2021, 104, .	2.2	2
9	Nonthermal Transport of Energy Driven by Photoexcited Carriers in Switchable Solid States of $\text{GeTe}$ . Physical Review Applied, 2021, 16, .	3.8	0