

# Malik M Abdullah

## List of Publications by Year in descending order

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9  
papers

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citations

1478505

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1588992

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Transient ionization potential depression in nonthermal dense plasmas at high x-ray intensity. <i>Physical Review E</i> , 2021, 103, 023203.	2.1	7
2	Atomic-Scale Visualization of Ultrafast Bond Breaking in X-Ray-Excited Diamond. <i>Physical Review Letters</i> , 2021, 126, 117403.	7.8	30
3	Limitations of Structural Insight into Ultrafast Melting of Solid Materials with X-ray Diffraction Imaging. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5157.	2.5	12
4	Structural dynamics in proteins induced by and probed with X-ray free-electron laser pulses. <i>Nature Communications</i> , 2020, 11, 1814.	12.8	57
5	Ultrafast x-ray-driven phenomena in nanocrystals: development and application of powerful simulation tools. <i>EPJ Web of Conferences</i> , 2019, 205, 05022.	0.3	0
6	Towards the theoretical limitations of X-ray nanocrystallography at high intensity: the validity of the effective-form-factor description. <i>IUCr</i> , 2018, 5, 699-705.	2.2	2
7	Molecular-dynamics approach for studying the nonequilibrium behavior of x-ray-heated solid-density matter. <i>Physical Review E</i> , 2017, 96, 023205.	2.1	10
8	Calculation of x-ray scattering patterns from nanocrystals at high x-ray intensity. <i>Structural Dynamics</i> , 2016, 3, 054101.	2.3	12
9	Spatial beam profile-induced effects in x-ray scattering pattern at high intensity. <i>Journal of Physics: Conference Series</i> , 2015, 635, 102008.	0.4	1