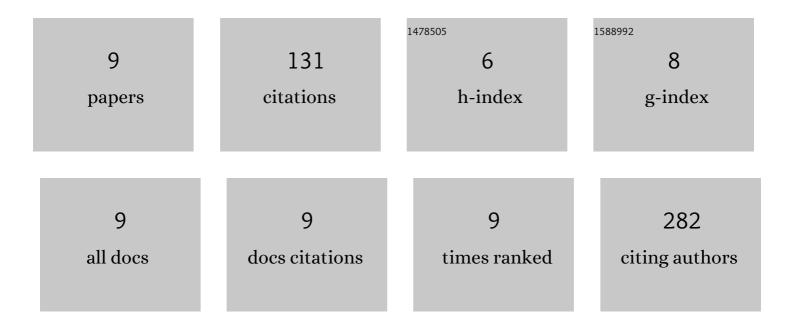
Malik M Abdullah

List of Publications by Year in descending order

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