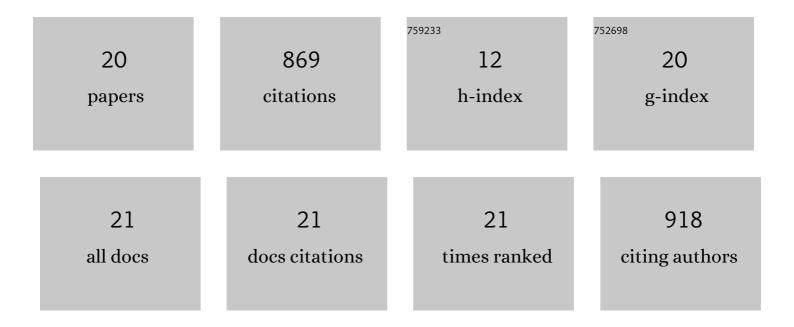
## Amy Lazicki

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7095483/publications.pdf Version: 2024-02-01



ΔΜΥΙΛΖΙΟΚΙ

#	Article	IF	CITATIONS
1	EquationÂof state and strength of diamond in high-pressure ramp loading. Physical Review B, 2022, 105, .	3.2	4
2	Measuring the melting curve of iron at super-Earth core conditions. Science, 2022, 375, 202-205.	12.6	39
3	Dynamic compression of water to conditions in ice giant interiors. Scientific Reports, 2022, 12, 715.	3.3	6
4	Structure and density of silicon carbide to 1.5 TPa and implications for extrasolar planets. Nature Communications, 2022, 13, 2260.	12.8	11
5	Structural complexity in ramp-compressed sodium to 480 GPa. Nature Communications, 2022, 13, 2534.	12.8	14
6	Metastability of diamond ramp-compressed to 2 terapascals. Nature, 2021, 589, 532-535.	27.8	79
7	Melting of Tantalum at Multimegabar Pressures on the Nanosecond Timescale. Physical Review Letters, 2021, 126, 255701.	7.8	11
8	Techniques for studying materials under extreme states of high energy density compression. Physics of Plasmas, 2021, 28, 060901.	1.9	3
9	X-ray diffraction at the National Ignition Facility. Review of Scientific Instruments, 2020, 91, 043902.	1.3	42
10	Optimized x-ray sources for x-ray diffraction measurements at the Omega Laser Facility. Review of Scientific Instruments, 2019, 90, 125113.	1.3	25
11	Nonisentropic Release of a Shocked Solid. Physical Review Letters, 2019, 123, 245501.	7.8	11
12	Shock equation of state of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"&gt;<mml:mmultiscripts><mml:mi>LiH</mml:mi><mml:mpres /&gt;<mml:none></mml:none><mml:mn>6</mml:mn></mml:mpres </mml:mmultiscripts> to 1.1 TPa. Physical Review B, 2017, 96, .</mml:math 	scripts 9.2	11
13	Compression Freezing Kinetics of Water to Ice VII. Physical Review Letters, 2017, 119, 025701.	7.8	60
14	X-Ray Diffraction of Solid Tin to 1.2ÂTPa. Physical Review Letters, 2015, 115, 075502.	7.8	52
15	X-ray area backlighter development at the National Ignition Facility (invited). Review of Scientific Instruments, 2014, 85, 11D502.	1.3	22
16	Ramp compression of diamond to five terapascals. Nature, 2014, 511, 330-333.	27.8	195
17	Experimental evidence for a phase transition in magnesium oxide at exoplanet pressures. Nature Geoscience, 2013, 6, 926-929.	12.9	170
18	Lithographically fabricated gratings for the interferometric measurement of material shear moduli under extreme conditions. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2012, 30, 06F306.	1.2	3

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#	Article	IF	CITATIONS
19	Static compression of LiH to 250 GPa. Physical Review B, 2012, 85, .	3.2	27
20	Powder diffraction from solids in the terapascal regime. Review of Scientific Instruments, 2012, 83, 113904.	1.3	84