

# Larissa Huston

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3132041/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	Multi-phase equation of state of ultrapure hafnium to 120 GPa. Journal of Physics Condensed Matter, 2022, 34, 055401.	0.7	2
2	Strength of tantalum to 276â€‰GPa determined by two x-ray diffraction techniques using diamond anvil cells. Journal of Applied Physics, 2022, 131, 015905.	1.1	2
3	Synthesis of Novel Phases in Si Nanowires Using Diamond Anvil Cells at High Pressures and Temperatures. Nano Letters, 2021, 21, 1427-1433.	4.5	9
4	Cinema:Snap: Real-time tools for analysis of dynamic diamond anvil cell experiment data. Review of Scientific Instruments, 2021, 92, 103901.	0.6	3
5	Chemical Synthesis and High-Pressure Reaction of Nb <sup>5+</sup> Monodoped Rutile TiO <sub>2</sub> Nanocrystals. Journal of Physical Chemistry C, 2020, 124, 12808-12815.	1.5	6
6	The high pressure phase transformation behavior of silicon nanowires. Applied Physics Letters, 2018, 113, .	1.5	11
7	Trans-Regime Structural Transition of (In <sup>3+</sup> + Nb <sup>5+</sup> ) Co-Doped Anatase TiO <sub>2</sub> Nanocrystals under High Pressure. Crystal Growth and Design, 2017, 17, 2529-2535.	1.4	11
8	Bimetallic Ions Codoped Nanocrystals: Doping Mechanism, Defect Formation, and Associated Structural Transition. Journal of Physical Chemistry Letters, 2017, 8, 3249-3255.	2.1	18
9	Cold nanoindentation of germanium. Applied Physics Letters, 2017, 111, 021901.	1.5	20
10	Thermal stability of simple tetragonal and hexagonal diamond germanium. Journal of Applied Physics, 2017, 122, 175108.	1.1	11
11	Understanding the Unusual Response to High Pressure in KBe <sub>2</sub> BO <sub>3</sub> F <sub>2</sub> . Scientific Reports, 2017, 7, 4027.	1.6	2
12	Suppression of ion-implantation induced porosity in germanium by a silicon dioxide capping layer. Applied Physics Letters, 2016, 109, .	1.5	16