

Larissa Huston

List of Publications by Year in descending order

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