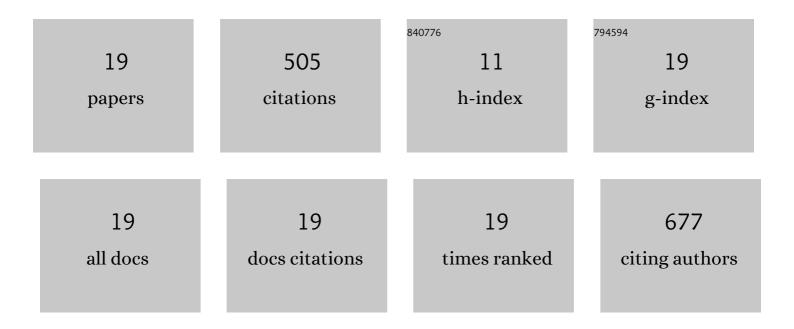
Shanti Deemyad

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Superconducting Phase Diagram of Li Metal in Nearly Hydrostatic Pressures up to 67ÂGPa. Physical Review Letters, 2003, 91, 167001.	7.8	176
2	Quantum and isotope effects in lithium metal. Science, 2017, 356, 1254-1259.	12.6	59
3	High Pressure Melting of Lithium. Physical Review Letters, 2012, 109, 185702.	7.8	54
4	Effects of Nonhydrostatic Stress on Structural and Optoelectronic Properties of Methylammonium Lead Bromide Perovskite. Journal of Physical Chemistry Letters, 2017, 8, 3457-3465.	4.6	53
5	High-pressure superconducting phase diagram of ⁶ Li: Isotope effects in dense lithium. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 60-64.	7.1	27
6	Evidence from Fermi surface analysis for the low-temperature structure of lithium. Proceedings of the United States of America, 2017, 114, 5389-5394.	7.1	22
7	Perovskites with a Twist: Strong In ¹⁺ Off-Centering in the Mixed-Valent CsInX ₃ (X = Cl, Br). Chemistry of Materials, 2019, 31, 9554-9566.	6.7	22
8	Piezochromism and structural and electronic properties of benz[a]anthracene under pressure. Physical Chemistry Chemical Physics, 2017, 19, 6216-6223.	2.8	19
9	Boundaries for martensitic transition of 7Li under pressure. Nature Communications, 2015, 6, 8030.	12.8	16
10	Pressure-induced ferroelectric-like transition creates a polar metal in defect antiperovskites Hg3Te2X2 (X = Cl, Br). Nature Communications, 2021, 12, 1509.	12.8	14
11	Deuterium Isotope Effects in Polymerization of Benzene under Pressure. Journal of Physical Chemistry Letters, 2017, 8, 1856-1864.	4.6	12
12	Pressure-Induced Superconductivity and Flattened Se ₆ Rings in the Wide Band Gap Semiconductor Cu ₂ I ₂ Se ₆ . Journal of the American Chemical Society, 2019, 141, 15174-15182.	13.7	9
13	Pressure-Induced Superconductivity in the Wide-Band-Gap Semiconductor Cu2Br2Se6 with a Robust Framework. Chemistry of Materials, 2020, 32, 6237-6246.	6.7	6
14	Fermi surface studies of the low-temperature structure of sodium. Physical Review B, 2020, 101, .	3.2	5
15	Probing quantum effects in lithium. Physica C: Superconductivity and Its Applications, 2018, 548, 68-71.	1.2	4
16	Coexistence of vitreous and crystalline phases of H ₂ O at ambient temperature. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	3
17	Parallel background subtraction in diamond anvil cells for high pressure X-ray data analysis. High Pressure Research, 2019, 39, 628-639.	1.2	2
18	Note: Simple and portable setup for loading high purity liquids in diamond anvil cell. Review of Scientific Instruments, 2016, 87, 036103.	1.3	1

#	Article	IF	CITATIONS
19	Reply to Martinez-Canales et al.: The structure(s) of lithium at low temperatures. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8810-E8811.	7.1	1