

Thomas Plisson

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

507
citations

933447

10
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

754
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic measurements on micrometer-sized samples under high pressure using designed NV centers. <i>Science</i> , 2019, 366, 1359-1362.	12.6	89
2	Single-particle-sensitive imaging of freely propagating ultracold atoms. <i>New Journal of Physics</i> , 2009, 11, 103039.	2.9	88
3	Coherent Backscattering of Ultracold Atoms. <i>Physical Review Letters</i> , 2012, 109, 195302.	7.8	84
4	Hanbury Brown and Twiss correlations across the Bose-Einstein condensation threshold. <i>Nature Physics</i> , 2012, 8, 195-198.	16.7	66
5	Anisotropic 2D Diffusive Expansion of Ultracold Atoms in a Disordered Potential. <i>Physical Review Letters</i> , 2010, 104, 220602.	7.8	55
6	Melting Curve and Isostructural Solid Transition in Superionic Ice. <i>Physical Review Letters</i> , 2020, 125, 195501.	7.8	30
7	Melting Curve and Liquid Structure of Nitrogen Probed by X-ray Diffraction to 120 GPa. <i>Physical Review Letters</i> , 2017, 119, 235701.	7.8	28
8	Multiphoton Magneto-optical Trap. <i>Physical Review Letters</i> , 2009, 103, 173003.	7.8	25
9	Equation of state of 1,3,5-triamino-2,4,6-trinitrobenzene up to 66 GPa. <i>Journal of Applied Physics</i> , 2017, 122, .	2.5	22
10	Melting curve and chemical stability of ammonia at high pressure: Combined x-ray diffraction and Raman study. <i>Physical Review B</i> , 2019, 99, .	3.2	13
11	Combined synchrotron x-ray diffraction and NV diamond magnetic microscopy measurements at high pressure. <i>New Journal of Physics</i> , 2020, 22, 103063.	2.9	7