

# X-ray Thomson scattering in high energy density plasmas

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Evolution of elastic x-ray scattering in laser-shocked warm dense lithium. Physical Review E, 2009, 80, 066406.	2.1	15
2	Soft x-ray Thomson scattering in warm dense hydrogen at FLASH. Proceedings of SPIE, 2009, , .	0.8	1
3	Measurements of Ionic Structure in Shock Compressed Lithium Hydride from Ultrafast X-Ray Thomson Scattering. Physical Review Letters, 2009, 103, 245004.	7.8	51
4	Measurement of the dynamic response of compressed hydrogen by inelastic X-ray scattering. Journal of Physics: Conference Series, 2010, 244, 042014.	0.4	4
5	A compact soft X-ray spectrograph combining high efficiency and resolution. Journal of Instrumentation, 2010, 5, P02004-P02004.	1.2	24
6	X-ray Thomson scattering for measuring dense beryllium plasma collisionality. Journal of Physics: Conference Series, 2010, 244, 032044.	0.4	4
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10	Progress in the Theory of Dense Strongly Coupled Plasmas. Contributions To Plasma Physics, 2010, 50, 970-985.	1.1	39
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18	Plasmons in Strongly Coupled Shock-Compressed Matter. Physical Review Letters, 2010, 105, 075003.	7.8	73

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20	Observation of Ultrafast Nonequilibrium Collective Dynamics in Warm Dense Hydrogen. Physical Review Letters, 2010, 104, 125002.	7.8	101
21	X-ray radiography and scattering diagnosis of dense shock-compressed matter. Physics of Plasmas, 2010, 17, .	1.9	33
22	A requirement for diagnosis of the ionization state in opacity measurements. Physics of Plasmas, 2010, 17, 052705.	1.9	1
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