Emil E Petkov

List of Publications by Year in Descending Order

8 papers	22 citations	2 h-index	4 g-index
9 ext. papers	31 ext. citations	1.5 avg, IF	0.08 L-index

#	Paper	IF	Citations
8	Polarization measurements of Ne-like Mo32+ x-ray lines excited by an electron beam. *Journal of Physics B: Atomic, Molecular and Optical Physics*, **2019**, 52, 195002	1.3	2
7	Study of pure and mixed clustered noble gas puffs irradiated with a high intensity (7 ⬚1019 W/cm2) sub-ps laser beam and achievement of a strong X-ray flash in a laser-generated debris-free X-ray source. *Laser and Particle Beams*, **2019**, 37, 276-287	0.9	0
6	X-Ray Line Polarization of Ne-Like Mo Spectra from X-pinch Plasmas. *IEEE Transactions on Plasma Science*, **2018**, 46, 3820-3828	1.3	2
5	Radiative Characteristics of Reversed Polarity Gas-Puff Ar and Kr Plasmas. *IEEE Transactions on Plasma Science*, **2018**, 46, 3842-3848	1.3	2
4	Influence of Xe and Kr impurities on x-ray yield from debris-free plasma x-ray sources with an Ar supersonic gas jet irradiated by femtosecond near-infrared-wavelength laser pulses. *Physical Review E*, **2016**, 94, 053203	2.4	2
3	L-shell spectroscopic diagnostics of radiation from krypton HED plasma sources. *Review of Scientific Instruments*, **2016**, 87, 11E315	1.7	2
2	Characterization of pure and mixed Ar, Kr and Xe gas jets generated by different nozzles and a study of X-ray radiation yields after interaction with a sub-ps laser pulse. *Physics of Plasmas*, **2016**, 23, 101207	2.1	4
1	Radiation from Ag high energy density Z-pinch plasmas and applications to lasing. *Physics of Plasmas*, **2014**, 21, 031206	2.1	8