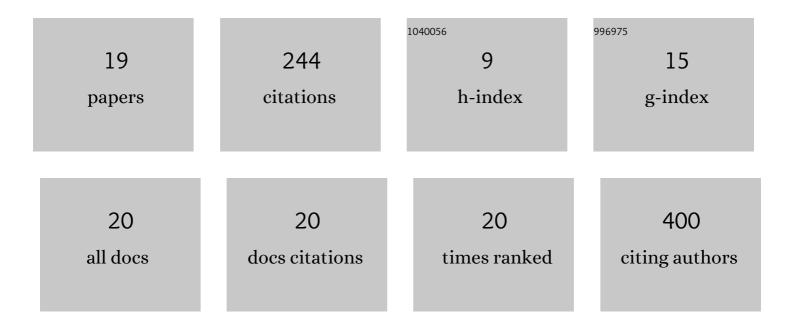
Brendan Kettle

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Parametric study of high-energy ring-shaped electron beams from a laser wakefield accelerator. New Journal of Physics, 2022, 24, 013017.	2.9	2
2	Transverse oscillating bubble enhanced laser-driven betatron X-ray radiation generation. Scientific Reports, 2022, 12, .	3.3	6
3	The data-driven future of high-energy-density physics. Nature, 2021, 593, 351-361.	27.8	52
4	Measurements of free-free absorption in warm dense aluminium. Plasma Physics and Controlled Fusion, 2021, 63, 074003.	2.1	0
5	A laser–plasma platform for photon–photon physics: the two photon Breit–Wheeler process. New Journal of Physics, 2021, 23, 115006.	2.9	11
6	Single-Shot Multi-Kev X-Ray Absorption Spectroscopy Using an Ultrashort Laser Wakefield Accelerator Source. , 2021, , .		0
7	Time-dependent effects in melting and phase change for laser-shocked iron. Physical Review Research, 2020, 2, .	3.6	9
8	Laser-wakefield accelerators for high-resolution X-ray imaging of complex microstructures. Scientific Reports, 2019, 9, 3249.	3.3	46
9	Single-Shot Multi-keV X-Ray Absorption Spectroscopy Using an Ultrashort Laser-Wakefield Accelerator Source. Physical Review Letters, 2019, 123, 254801.	7.8	30
10	Generation of electron high energy beams with a ring-like structure by a dual stage laser wakefield accelerator. , 2019, , .		1
11	Experimental measurements of the collisional absorption of XUV radiation in warm dense aluminium. Physical Review E, 2016, 94, 023203.	2.1	16
12	Investigation of the solid–liquid phase transition of carbon at 150ÂGPa with spectrally resolved X-ray scattering. High Energy Density Physics, 2015, 14, 38-43.	1.5	4
13	Physics of Plasmas, 2015, 22, 056307.	1.9	14
14	Fast-electron refluxing effects on anisotropic hard-x-ray emission from intense laser-plasma interactions. Physical Review E, 2015, 91, 033107.	2.1	13
15	M-L band x-rays (3–3.5 KeV) from palladium coated targets for isochoric radiative heating of thin foil samples. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 224002.	1.5	8
16	Fast electron propagation in Ti foils irradiated with sub-picosecond laser pulses at Iλ2>1018 Wcmâ^22μm2. Physics of Plasmas, 2014, 21, 023113.	1.9	12
17	X-ray scattering from warm dense iron. High Energy Density Physics, 2013, 9, 573-577.	1.5	13
18	Electron refluxing andK-shell line emission from Ti foils irradiated with subpicosecond laser pulses at 527 nm. Physical Review E, 2012, 85, 056415.	2.1	6

#	Article	IF	CITATIONS
19	Anomalous Two-Photon Compton Scattering. New Journal of Physics, 0, , .	2.9	1