Jamie Scott

List of Publications by Year in Descending Order

32 papers	2,679 citations	17 h-index	33 g-index
33 ext. papers	3,278 ext. citations	6.4 avg, IF	2.42 L-index

#	Paper	IF	Citations
32	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. *Living Reviews in Relativity*, **2020**, 23, 3	32.5	144
31	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. *Living Reviews in Relativity*, **2018**, 21, 3	32.5	543
30	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA **2018**, 21, 1		2
29	The basic physics of the binary black hole merger GW150914. *Annalen Der Physik*, **2017**, 529, 1600209	2.6	45
28	Search for Gravitational Waves Associated with Gamma-Ray Bursts during the First Advanced LIGO Observing Run and Implications for the Origin of GRB 150906B. *Astrophysical Journal*, **2017**, 841, 89	4.7	42
27	Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. *Classical and Quantum Gravity*, **2016**, 33,	3.3	155
26	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. *Living Reviews in Relativity*, **2016**, 19, 1	32.5	393
25	Enhanced sensitivity of the LIGO gravitational wave detector by using squeezed states of light. *Nature Photonics*, **2013**, 7, 613-619	33.9	572
24	Scientific objectives of Einstein Telescope. *Classical and Quantum Gravity*, **2012**, 29, 124013	3.3	256
23	Low-temperature strength tests and SEM imaging of hydroxide catalysis bonds in silicon. *Classical and Quantum Gravity*, **2011**, 28, 085014	3.3	12
22	Effect of heat treatment on mechanical dissipation in Ta 2 O 5 coatings. *Classical and Quantum Gravity*, **2010**, 27, 225020	3.3	57
21	SEARCH FOR GRAVITATIONAL-WAVE INSPIRAL SIGNALS ASSOCIATED WITH SHORT GAMMA-RAY BURSTS DURING LIGO'S FIFTH AND VIRGO'S FIRST SCIENCE RUN. *Astrophysical Journal*, **2010**, 715, 1453-1461	4.7	79
20	Re-evaluation of the mechanical loss factor of hydroxide-catalysis bonds and its significance for the next generation of gravitational wave detectors. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2010**, 374, 3993-3998	2.3	25
19	Strength testing and SEM imaging of hydroxide-catalysis bonds between silicon. *Classical and Quantum Gravity*, **2009**, 26, 175007	3.3	21
18	EFTEM and EELS SI: tools for investigating the effects of etching processes for III-V MOSFET devices. *Journal of Physics: Conference Series*, **2008**, 126, 012053	0.3	1
17	Near-simultaneous dual energy range EELS spectrum imaging. *Ultramicroscopy*, **2008**, 108, 1586-94	3.1	80
16	Elemental Profiling of III-V MOSFET High-kDielectric Gate Stacks Using EELS Spectrum Imaging. *Springer Proceedings in Physics*, **2008**, 317-320	0.2	4

15	GdGaO: A gate dielectric for GaAs metal-oxide-semiconductor field-effect transistors. *Journal of Vacuum Science & Technology B*, **2007**, 25, 1024		8
14	Near-Simultaneous Core- and Low-Loss EELS Spectrum-Imaging in the STEM using a Fast Beam Switch.. *Microscopy and Microanalysis*, **2006**, 12, 1362-1363	0.5	2
13	Sample preparation for nanoanalytical electron microscopy using the FIB lift-out method and low energy ion milling. *Journal of Physics: Conference Series*, **2006**, 26, 223-226	0.3	14
12	Dependence of spatial coherence of coherent suppression of magnetization precession upon aspect ratio in Ni81Fe19 microdots. *Journal of Applied Physics*, **2005**, 97, 10A710	2.5	6
11	Use of microscale coplanar striplines with indium tin oxide windows in optical ferromagnetic resonance measurements. *Journal of Applied Physics*, **2005**, 97, 10R304	2.5	4
10	Dependence of anisotropy and damping on shape and aspect ratio in micron sized Ni81Fe19 elements. *Journal of Applied Physics*, **2004**, 95, 6998-7000	2.5	12
9	Imaging the dephasing of spin wave modes in a square thin film magnetic element. *Physical Review B*, **2004**, 69,	3.3	57
8	A new pixel sensor for uniformity control in ion implantation. *Nuclear Instruments & Methods in Physics Research B*, **2003**, 206, 462-466	1.2	
7	Performance of bulk SiC radiation detectors. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2002**, 487, 33-39	1.2	30
6	Electrostatic charging artefacts in Lorentz electron tomography of MFM tip stray fields. *Journal Physics D: Applied Physics*, **2001**, 34, 1326-1332	3	10
5	Probing bulk and surface damage in widegap semiconductors. *Journal Physics D: Applied Physics*, **2001**, 34, 2748-2753	3	8
4	Quantitative imaging of magnetic domain walls in thin films using Lorentz and magnetic force microscopies. *Journal of Applied Physics*, **2001**, 90, 5220-5227	2.5	40
3	Quantitative field measurements from magnetic force microscope tips and comparison with point and extended charge models. *Journal of Applied Physics*, **2001**, 89, 3656-3661	2.5	44
2	Characterisation of FeBSiC coated MFM tips using Lorentz electron tomography and MFM. *IEEE Transactions on Magnetics*, **1999**, 35, 3986-3988	2	7
1	Preparation and characterisation of a new amorphous tip coating for application in magnetic force microscopy. *Journal of Magnetism and Magnetic Materials*, **1999**, 205, 131-135	2.8	6