

Luke R Fleet

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

478
citations

759233

12
h-index

713466

21
g-index

78
all docs

78
docs citations

78
times ranked

1075
citing authors

#	ARTICLE	IF	CITATIONS
1	15 years of Nature Physics. Nature Physics, 2020, 16, 999-1005.	16.7	1
2	Controlling Ferromagnetic Ground States and Solitons in Thin Films and Nanowires Built from Iron Phthalocyanine Chains. Advanced Functional Materials, 2019, 29, 1902550.	14.9	4
3	Big data needs a hardware revolution. Nature, 2018, 554, 145-146.	27.8	47
4	Self-Assembled Molecular Nanowires for High-Performance Organic Transistors. ACS Applied Materials & Interfaces, 2017, 9, 20686-20695.	8.0	13
5	The quasiparticle zoo. Nature Physics, 2016, 12, 1085-1089.	16.7	35
6	Fantastic beasts. Nature Physics, 2016, 12, 1083-1083.	16.7	0
7	Foundation check. Nature Physics, 2016, 12, 289-289.	16.7	0
8	Topology on top. Nature Physics, 2016, 12, 615-615.	16.7	5
9	Heusler Alloy Films for Spintronic Devices. Springer Series in Materials Science, 2016, , 219-248.	0.6	15
10	Fly out of the traps. Nature Methods, 2015, 12, 9-9.	19.0	1
11	The next wave. Nature Physics, 2015, 11, 437-437.	16.7	5
12	Forge ahead. Nature Physics, 2015, 11, 981-981.	16.7	0
13	After a Weyl. Nature Physics, 2015, 11, 697-697.	16.7	4
14	POLYCRYSTALLINE CO-BASED FULL-HEUSLER-ALLOY FILMS FOR SPINTRONIC DEVICES. Spin, 2014, 04, 1440021.	1.3	4
15	High-temperature antiferromagnetism in molecular semiconductor thin films and nanostructures. Nature Communications, 2014, 5, 3079.	12.8	76
16	Mux ado about magnons. Nature Physics, 2014, 10, 337-337.	16.7	1
17	Improve your virality. Nature Physics, 2014, 10, 415-415.	16.7	0
18	Keep the ball rolling. Nature Physics, 2014, 10, 787-787.	16.7	1

#	ARTICLE	IF	CITATIONS
19	Over 50% reduction in the formation energy of Co-based Heusler alloy films by two-dimensional crystallisation. Applied Physics Letters, 2014, 105, .	3.3	14
20	Deposition of low sheet resistance indium tin oxide directly onto functional small molecules. Thin Solid Films, 2014, 570, 129-133.	1.8	6
21	Spin-Polarised Electron Transport across an Abrupt or Partially Intermixed Fe/GaAs(001) Interface. Journal of the Magnetism Society of Japan, 2014, 38, 66-70.	0.9	0
22	Uniaxial anisotropy of two-magnon scattering in an ultrathin epitaxial Fe layer on GaAs. Applied Physics Letters, 2013, 102, 062415.	3.3	40
23	Correlating the interface structure to spin injection in abrupt Fe/GaAs(001) films. Physical Review B, 2013, 87, .	3.2	23
24	Heusler-alloy films for spintronic devices. Applied Physics A: Materials Science and Processing, 2013, 111, 423-430.	2.3	70
25	Layer-by-layer crystallization of Co ₂ FeSi Heusler alloy thin films. Journal Physics D: Applied Physics, 2012, 45, 032001.	2.8	10
26	Effect of Interface Structure on Exchange Biased Heusler Alloy Films. IEEE Transactions on Magnetism, 2012, 48, 2896-2898.	2.1	8
27	Growth and characterization of thin Cu-phthalocyanine films on MgO(001) layer for organic light-emitting diodes. Nanoscale Research Letters, 2012, 7, 650.	5.7	13
28	Magnetic Properties of Epitaxial Co-Evaporated Fe:MgO Anti-Granular Films. IEEE Transactions on Magnetism, 2012, 48, 4010-4013.	2.1	0
29	Effect of grain size on exchange-biased Heusler alloys. Journal Physics D: Applied Physics, 2011, 44, 345003.	2.8	9
30	Interfacial structure and transport properties of Fe/GaAs(001). Journal of Applied Physics, 2011, 109, 07C504.	2.5	11
31	Activation Volumes in Co ₂ FeSi Thin Films. IEEE Transactions on Magnetism, 2011, 47, 2440-2443.	2.1	6
32	Atomic Interfacial Structures in Fe/GaAs Films. IEEE Transactions on Magnetism, 2011, 47, 2756-2759.	2.1	2
33	Schottky Barrier Height in Fe/GaAs Films. IEEE Transactions on Magnetism, 2010, 46, 1737-1740.	2.1	12
34	An experiment on the Purcell effect in a wedge cavity. European Journal of Physics, 2009, 30, S81-S88.	0.6	3