

Adam P Dioguardi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37
papers

516
citations

13
h-index

22
g-index

43
ext. papers

617
ext. citations

3.5
avg. IF

2.89
L-index

#	Paper	IF	Citations
37	Self-Assembled Rolled-Up Microcoils for nL Microfluidics NMR Spectroscopy. <i>Advanced Materials Technologies</i> , 2021 , 6, 2000679	6.8	3
36	The normalized limit of detection in NMR spectroscopy. <i>Journal of Magnetic Resonance</i> , 2021 , 332, 107037	3.7	2
35	Unified phase diagram of F-doped LaFeAsO by means of NMR and NQR parameters. <i>Physical Review B</i> , 2020 , 101,	3.3	2
34	Quasi-two-dimensional magnetic correlations in Ni ₂ P ₂ S ₆ probed by P ₃₁ NMR. <i>Physical Review B</i> , 2020 , 102,	3.3	4
33	Ground state and low-temperature magnetism of the quasi-two-dimensional honeycomb compound InCu ₂ /V ₁ /O ₃ . <i>Physical Review B</i> , 2019 , 100,	3.3	1
32	Pu ²³⁹ nuclear magnetic resonance in the candidate topological insulator PuB ₄ . <i>Physical Review B</i> , 2019 , 99,	3.3	1
31	Unconventional and conventional quantum criticalities in CeRh _{0.58} Ir _{0.42} In ₅ . <i>Npj Quantum Materials</i> , 2018 , 3,	5	4
30	Nuclear magnetic resonance investigation of the heavy fermion system Ce ₂ CoAl ₇ Ge ₄ . <i>Physical Review B</i> , 2017 , 96,	3.3	1
29	Optically detected magnetic resonance of nitrogen vacancies in a diamond anvil cell using designer diamond anvils. <i>Applied Physics Letters</i> , 2017 , 111, 221903	3.4	13
28	NMR Evidence for Inhomogeneous Nematic Fluctuations in BaFe ₂ (As _{1-x} P _x) ₂ . <i>Physical Review Letters</i> , 2016 , 116, 107202	7.4	28
27	NMR study of nematic spin fluctuations in a detwinned single crystal of underdoped Ba(Fe _{1-x} Cox) ₂ As ₂ . <i>Physical Review B</i> , 2016 , 94,	3.3	10
26	NMR evidence of anisotropic Kondo liquid behavior in CeIrIn ₅ . <i>Physical Review B</i> , 2015 , 92,	3.3	1
25	Evolution of hyperfine parameters across a quantum critical point in CeRhIn ₅ . <i>Physical Review B</i> , 2015 , 92,	3.3	15
24	NMR evidence for inhomogeneous glassy behavior driven by nematic fluctuations in iron arsenide superconductors. <i>Physical Review B</i> , 2015 , 92,	3.3	25
23	Identical spin fluctuations in Cu- and Co-doped BaFe ₂ As ₂ independent of electron doping. <i>Physical Review B</i> , 2014 , 90,	3.3	11
22	Anomalous nuclear magnetic resonance spectra in Bi ₂ Se ₃ nanowires. <i>Physical Review B</i> , 2014 , 90,	3.3	8
21	Nuclear Magnetic Resonance as a Probe of the Topological Insulator Bi ₂ Se ₃ . <i>Materials Research Society Symposia Proceedings</i> , 2014 , 1691, 25		

20	Coexistence of cluster spin glass and superconductivity in Ba(Fe(1-x)Co(x)) ₂ As ₂ for 0.060 ≤ x ≤ 0.071. <i>Physical Review Letters</i> , 2013 , 111, 207201	7.4	52
19	NMR evidence for spin fluctuations in the bilayer nickelate La ₃ Ni ₂ O ₆ . <i>Physical Review B</i> , 2013 , 88,	3.3	7
18	Angular dependent ⁷⁵ As NMR study of the electric field gradient in CaFe ₂ As ₂ . <i>Superconductor Science and Technology</i> , 2013 , 26, 025012	3.1	0
17	Nuclear magnetic resonance as a probe of electronic states of Bi ₂ Se ₃ . <i>Physical Review B</i> , 2013 , 87,	3.3	27
16	Nuclear magnetic resonance studies of pseudospin fluctuations in URu ₂ Si ₂ . <i>Physical Review B</i> , 2013 , 88,	3.3	13
15	Investigating the Structure of Ce _{1-x} La _x CoIn ₅ Using NQR. <i>Journal of Superconductivity and Novel Magnetism</i> , 2012 , 25, 2141-2144	1.5	1
14	Evidence for filamentary superconductivity nucleated at antiphase domain walls in antiferromagnetic CaFe ₂ As ₂ . <i>Physical Review B</i> , 2012 , 85,	3.3	39
13	Long range order and two-fluid behavior in heavy electron materials. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E3067-73	11.5	37
12	Probing Onset of Coherence in CeIrIn ₅ . <i>Journal of Physics: Conference Series</i> , 2012 , 344, 012020	0.3	3
11	Local magnetic inhomogeneities observed via ⁷⁵ As NMR in Ba(Fe _{1-x} Ni _x) ₂ As ₂ with H ₀ ∥ c-axis. <i>Journal of Physics: Conference Series</i> , 2012 , 344, 012022	0.3	0
10	Nuclear Quadrupole Resonance in the Heavy Fermion Antiferromagnet CePt ₂ In ₇ . <i>Journal of Physics: Conference Series</i> , 2012 , 344, 012027	0.3	1
9	Synthesis and Thermal Stability Studies of CaFe ₄ As ₃ . <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 3920-3925	2.3	4
8	Critical spin dynamics in the antiferromagnet La ₄ Ni ₃ O ₈ from La ¹³⁹ nuclear magnetic resonance. <i>Physical Review B</i> , 2011 , 83,	3.3	28
7	NMR studies of pseudogap and electronic inhomogeneity in Bi ₂ Sr ₂ CaCu ₂ O ₈ +δ. <i>Physical Review B</i> , 2011 , 84,	3.3	17
6	Kondo liquid emergence and relocalization in the approach to antiferromagnetic ordering in CePt ₂ In ₇ . <i>Physical Review B</i> , 2011 , 83,	3.3	13
5	Commensurate antiferromagnetism in CePt ₂ In ₇ , a nearly two-dimensional heavy fermion system. <i>Physical Review B</i> , 2010 , 81,	3.3	24
4	Bulk magnetic order in a two-dimensional Ni ¹⁺ /Ni ²⁺ (d ₉ /d ₈) nickelate, isoelectronic with superconducting cuprates. <i>Physical Review Letters</i> , 2010 , 104, 206403	7.4	56
3	Local magnetic inhomogeneities in Ba(Fe _{1-x} Ni _x) ₂ As ₂ as seen via ⁷⁵ As NMR. <i>Physical Review B</i> , 2010 , 82,	3.3	33

- 2 Low-energy spin dynamics in the antiferromagnetic phase of CaFe_2As_2 . *New Journal of Physics*, **2009**, 11, 075004 2.9 24
- 1 Experimental Observation of Fluxon Diffusion in Josephson Rings. *Journal of Low Temperature Physics*, **2009**, 154, 41-54 1.3 7