

Daniel M Pajerowski

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.

53
papers

1,134
citations

17
h-index

32
g-index

56
ext. papers

1,313
ext. citations

4.5
avg, IF

3.93
L-index

#	Paper	IF	Citations
53	High-pressure inelastic neutron scattering study of the anisotropic $S=1$ spin chain $[\text{Ni}(\text{HF}_2)]$. <i>Physical Review B</i> , 2022 , 105,	3.3	1
52	Magnetic excitations of the hybrid multiferroic $(\text{ND}_4)_2\text{FeCl}_5\text{D}_2\text{O}$. <i>Physical Review B</i> , 2021 , 103,	3.3	1
51	Magnetic properties and signatures of moment ordering in the triangular lattice antiferromagnet KCeO_2 . <i>Physical Review B</i> , 2021 , 104,	3.3	1
50	Three-dimensional magnetism and the Dzyaloshinskii-Moriya interaction in $\sqrt{3}/2$ kagome staircase CoVO . <i>Science Advances</i> , 2020 , 6, eaay9709	14.3	2
49	Spin excitations in the frustrated triangular lattice antiferromagnet NaYbO_2 . <i>Physical Review B</i> , 2020 , 101,	3.3	13
48	Inelastic neutron scattering study of the anisotropic $S=1$ spin chain $[\text{Ni}(\text{HF}_2)(3\text{pyridine})_4]\text{BF}_4$. <i>Physical Review B</i> , 2020 , 101,	3.3	3
47	Quantification of local Ising magnetism in rare-earth pyrogermanates $\text{Er}_2\text{Ge}_2\text{O}_7$ and $\text{Yb}_2\text{Ge}_2\text{O}_7$. <i>Physical Review B</i> , 2020 , 101,	3.3	5
46	Magnetic structure and exchange interactions in the layered semiconductor CrPS_4 . <i>Physical Review B</i> , 2020 , 102,	3.3	11
45	3D scanning and 3D printing $\text{AlSi}_{10}\text{Mg}$ single crystal mounts for neutron scattering. <i>Review of Scientific Instruments</i> , 2020 , 91, 053902	1.7	6
44	Correlation of cation deficiency and nanostructure to decreased magnetism in a ferroelectric BiMnO_3 film. <i>Journal of Applied Physics</i> , 2019 , 126, 085303	2.5	
43	Local-Ising-type magnetic order and metamagnetism in the rare-earth pyrogermanate $\text{Er}_2\text{Ge}_2\text{O}_7$. <i>Physical Review Materials</i> , 2019 , 3,	3.2	5
42	Magnetic structure of ternary rare-earth alloy $\text{Ho}_{1/3}\text{Tb}_{1/3}\text{Er}_{1/3}$. <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 469, 315-322	2.8	
41	Excitations in the field-induced quantum spin liquid state of ErRuCl_3 . <i>Npj Quantum Materials</i> , 2018 , 3,	5	160
40	Coexistence of superconductivity and short-range double-stripe spin correlations in Te-vapor annealed $\text{FeTe}_{1-x}\text{Sex}$ ($x \leq 0.2$). <i>Physical Review B</i> , 2018 , 97,	3.3	6
39	f-Electron States in PrPd_5Al_2 . <i>Journal of the Physical Society of Japan</i> , 2018 , 87, 094704	1.5	5
38	Pulsed laser deposition films from a $\text{Ba}_2\text{FeMoO}_6$ target onto $\text{SrTiO}_3[001]$: Chemical and magnetic inhomogeneity. <i>Journal of Applied Physics</i> , 2018 , 124, 163903	2.5	
37	The magnetic order of a manganese vanadate system with two-dimensional striped triangular lattice. <i>AIP Advances</i> , 2018 , 8, 101407	1.5	3

36	Disordered Route to the Coulomb Quantum Spin Liquid: Random Transverse Fields on Spin Ice in $\text{Pr}_{\{2\}}\text{Zr}_{\{2\}}\text{O}_{\{7\}}$. <i>Physical Review Letters</i> , 2017 , 118, 107206	7.4	61
35	Long-Time Variation of Magnetic Structure in $(\text{Pr}_x\text{La}_{1-x})\text{Co}_2\text{Si}_2$: Coexistence of Slow and Fast Processes in Magnetic Phase Transition. <i>Journal of the Physical Society of Japan</i> , 2017 , 86, 044707	1.5	
34	Magnetic structure and dispersion relation of the $S=12$ quasi-one-dimensional Ising-like antiferromagnet $\text{BaCo}_2\text{V}_2\text{O}_8$ in a transverse magnetic field. <i>Physical Review B</i> , 2017 , 96,	3.3	9
33	Magnetic structure of the mixed antiferromagnet $\text{NdMn}_{0.8}\text{Fe}_{0.2}\text{O}_3$. <i>Physical Review B</i> , 2017 , 96,	3.3	7
32	High-pressure neutron scattering of the magnetoelastic Ni-Cr Prussian blue analog. <i>Physical Review B</i> , 2015 , 91,	3.3	9
31	Spin jam induced by quantum fluctuations in a frustrated magnet. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 11519-23	11.5	11
30	Chloride-bridged, defect-dicubane $\{\text{Ln}_4\}$ core clusters: syntheses, crystal structures and magnetic properties. <i>Dalton Transactions</i> , 2014 , 43, 11973-80	4.3	9
29	X-ray Absorption Study of Structural Coupling in Photomagnetic Prussian Blue Analogue Core@Shell Particles. <i>Chemistry of Materials</i> , 2014 , 26, 2586-2594	9.6	21
28	Polaron-mediated spin correlations in metallic and insulating $\text{La}_{1-x}\text{A}_x\text{MnO}_3$ ($A=\text{Ca}, \text{Sr}, \text{or Ba}$). <i>Physical Review B</i> , 2014 , 90,	3.3	7
27	Syntheses, structures, and magnetic properties of salen type Cu^{II} dimer and hexamer complexes with strong ferromagnetic interactions. <i>Polyhedron</i> , 2013 , 52, 91-95	2.7	17
26	Synthesis and size control of iron(II) hexacyanochromate(III) nanoparticles and the effect of particle size on linkage isomerism. <i>Inorganic Chemistry</i> , 2013 , 52, 4494-501	5.1	21
25	Magnetic neutron diffraction study of $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$ critical exponents through the tricritical doping. <i>Physical Review B</i> , 2013 , 87,	3.3	12
24	Demagnetization in photomagnetic films. <i>Journal of Magnetism and Magnetic Materials</i> , 2012 , 324, 1818-1821		
23	Raman spectroscopy evidence of inhomogeneous disorder in the bismuth-oxygen framework of Bi_2InO_3 and other sillenites. <i>Physical Review B</i> , 2012 , 86,	3.3	12
22	X-ray structural studies of Prussian blue analog heterostructures on poly(ethylene terephthalate) supports. <i>Thin Solid Films</i> , 2012 , 526, 34-40	2.2	1
21	Photomagnetic $\text{K}(0.25)\text{Ni}(1-x)\text{Co}(x)[\text{Fe}(\text{CN})_6]_n\text{H}_2\text{O}$ and $\text{K}(0.25)\text{Co}[\text{Fe}(\text{CN})_6](0.75y)[\text{Cr}(\text{CN})_6](0.75(1-y))_n\text{H}_2\text{O}$ Prussian blue analogue solid solutions. <i>Inorganic Chemistry</i> , 2012 , 51, 3648-55	5.1	15
20	Magnetic neutron scattering of thermally quenched K-Co-Fe Prussian blue analog photomagnet. <i>Physical Review B</i> , 2012 , 86,	3.3	16
19	Electronic conductivity in Berlin green and Prussian blue. <i>Physical Review B</i> , 2011 , 83,	3.3	42

18	Photoinduced Magnetism in a Series of Prussian Blue Analogue Heterostructures. <i>Chemistry of Materials</i> , 2011 , 23, 3045-3053	9.6	69
17	Anisotropic magnetism in Prussian blue analogue films. <i>New Journal of Chemistry</i> , 2011 , 35, 1320	3.6	18
16	Photoinduced magnetism in core/shell Prussian blue analogue heterostructures of $K(j)Ni(k)[Cr(CN)_6] \cdot lH_2O$ with $Rb(a)Co(b)[Fe(CN)_6] \cdot cH_2O$. <i>Inorganic Chemistry</i> , 2011 , 50, 4295-300	5.1	80
15	Magnetic anisotropy in thin films of Prussian blue analogues. <i>Physical Review B</i> , 2010 , 82,	3.3	14
14	Persistent photoinduced magnetism in heterostructures of prussian blue analogues. <i>Journal of the American Chemical Society</i> , 2010 , 132, 4058-9	16.4	132
13	Metal monophosphonates $M\{(2-C_5H_4NO)CH_2PO_3\}(H_2O)_2$ ($M = Co, Ni, Mn, Cd$): synthesis, structure, and magnetism. <i>Inorganic Chemistry</i> , 2010 , 49, 8474-80	5.1	17
12	Magnetic field induced quantum phase transition of the $S=12$ antiferromagnet K_2NaCrO_8 . <i>Physical Review B</i> , 2010 , 81,	3.3	5
11	Pressure dependence of the magnetization in Mn_7 single-molecule magnets. <i>Polyhedron</i> , 2010 , 29, 2462-2464	2.7	3
10	Neutron scattering evidence for isolated spin-12 ladders in $(C_5D_{12}N)_2CuBr_4$. <i>Physical Review B</i> , 2009 , 80,	3.3	26
9	Tuning the sign of photoinduced changes in magnetization: spin transitions in the ternary metal Prussian blue analogue $Na(\alpha)Ni(1-x)Co(x)[Fe(CN)_6](\beta) \cdot x nH_2O$. <i>Journal of the American Chemical Society</i> , 2009 , 131, 12927-36	16.4	25
8	Interplay of frustration and magnetic field in the two-dimensional quantum antiferromagnet $Cu(tn)Cl_2$. <i>Physical Review B</i> , 2009 , 80,	3.3	13
7	Magnetometer probe with low temperature rotation and optical fibers. <i>Journal of Physics: Conference Series</i> , 2009 , 150, 012034	0.3	3
6	Superparamagnetic Fe_3O_4/SiO_2 nanocomposites: enabling the tuning of both the iron oxide load and the size of the nanoparticles. <i>Langmuir</i> , 2008 , 24, 3532-6	4	96
5	Anisotropic Photoinduced Magnetism in Thin Films of the Prussian Blue Analogue $AjCok[Fe(CN)_6] \cdot lH_2O$. <i>Chemistry of Materials</i> , 2008 , 20, 5706-5713	9.6	29
4	Inorganic Crystal Engineering through Cation Metathesis: One-, Two-, and Three-Dimensional Cluster-Based Coordination Polymers. <i>Chemistry of Materials</i> , 2007 , 19, 2238-2246	9.6	28
3	Photoinduced magnetism in rubidium cobalt hexacyanoferrate Prussian blue analogue nanoparticles. <i>Polyhedron</i> , 2007 , 26, 2273-2275	2.7	19
2	Effect of film thickness on the photoinduced decrease in magnetism for thin films of the cobalt iron Prussian blue analogue $Rb_{0.7}Co_4[Fe(CN)_6]_3 \cdot 0$. <i>Polyhedron</i> , 2007 , 26, 2281-2286	2.7	22
1	Size dependence of the photoinduced magnetism and long-range ordering in Prussian blue analogue nanoparticles of rubidium cobalt hexacyanoferrate. <i>New Journal of Physics</i> , 2007 , 9, 222-222	2.9	43

