

Daniel M Pajerowski

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53
papers

1,134
citations

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h-index

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56
ext. papers

1,313
ext. citations

4.5
avg, IF

3.93
L-index

#	Paper	IF	Citations
53	Excitations in the field-induced quantum spin liquid state of RuCl_3 . <i>Npj Quantum Materials</i> , 2018 , 3,	5	160
52	Persistent photoinduced magnetism in heterostructures of prussian blue analogues. <i>Journal of the American Chemical Society</i> , 2010 , 132, 4058-9	16.4	132
51	Superparamagnetic $\text{Fe}_3\text{O}_4/\text{SiO}_2$ 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
50	Photoinduced magnetism in core/shell Prussian blue analogue heterostructures of $\text{K}(\text{j})\text{Ni}(\text{k})[\text{Cr}(\text{CN})_6] \cdot \text{nH}_2\text{O}$ with $\text{Rb}(\text{a})\text{Co}(\text{b})[\text{Fe}(\text{CN})_6] \cdot \text{mH}_2\text{O}$. <i>Inorganic Chemistry</i> , 2011 , 50, 4295-300	5.1	80
49	Photoinduced Magnetism in a Series of Prussian Blue Analogue Heterostructures. <i>Chemistry of Materials</i> , 2011 , 23, 3045-3053	9.6	69
48	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
47	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
46	Electronic conductivity in Berlin green and Prussian blue. <i>Physical Review B</i> , 2011 , 83,	3.3	42
45	Anisotropic Photoinduced Magnetism in Thin Films of the Prussian Blue Analogue $\text{AjCo}[\text{Fe}(\text{CN})_6] \cdot \text{nH}_2\text{O}$. <i>Chemistry of Materials</i> , 2008 , 20, 5706-5713	9.6	29
44	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
43	Neutron scattering evidence for isolated spin-12 ladders in $(\text{C}_5\text{D}_{12}\text{N})_2\text{CuBr}_4$. <i>Physical Review B</i> , 2009 , 80,	3.3	26
42	Tuning the sign of photoinduced changes in magnetization: spin transitions in the ternary metal Prussian blue analogue $\text{Na}(\alpha)\text{Ni}(1-x)\text{Co}(x)[\text{Fe}(\text{CN})_6](\beta) \cdot x\text{nH}_2\text{O}$. <i>Journal of the American Chemical Society</i> , 2009 , 131, 12927-36	16.4	25
41	Effect of film thickness on the photoinduced decrease in magnetism for thin films of the cobalt iron Prussian blue analogue $\text{Rb}_{0.7}\text{Co}_4[\text{Fe}(\text{CN})_6]_3 \cdot 0$. <i>Polyhedron</i> , 2007 , 26, 2281-2286	2.7	22
40	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
39	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
38	Photoinduced magnetism in rubidium cobalt hexacyanoferrate Prussian blue analogue nanoparticles. <i>Polyhedron</i> , 2007 , 26, 2273-2275	2.7	19
37	Anisotropic magnetism in Prussian blue analogue films. <i>New Journal of Chemistry</i> , 2011 , 35, 1320	3.6	18

36	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
35	Metal monophosphonates M{(2-C ₅ H ₄ NO)CH ₂ PO ₃ }(H ₂ O) ₂ (M = Co, Ni, Mn, Cd): synthesis, structure, and magnetism. <i>Inorganic Chemistry</i> , 2010 , 49, 8474-80	5.1	17
34	Magnetic neutron scattering of thermally quenched K-Co-Fe Prussian blue analog photomagnet. <i>Physical Review B</i> , 2012 , 86,	3.3	16
33	Photomagnetic K(0.25)Ni(1-x)Co(x)[Fe(CN) ₆] _n H ₂ O and K(0.25)Co[Fe(CN) ₆](0.75y)[Cr(CN) ₆](0.75(1-y)) _n H ₂ O Prussian blue analogue solid solutions. <i>Inorganic Chemistry</i> , 2012 , 51, 3648-55	5.1	15
32	Magnetic anisotropy in thin films of Prussian blue analogues. <i>Physical Review B</i> , 2010 , 82,	3.3	14
31	Spin excitations in the frustrated triangular lattice antiferromagnet NaYbO ₂ . <i>Physical Review B</i> , 2020 , 101,	3.3	13
30	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
29	Raman spectroscopy evidence of inhomogeneous disorder in the bismuth-oxygen framework of Bi ₂₅ InO ₃₉ and other sillenites. <i>Physical Review B</i> , 2012 , 86,	3.3	12
28	Magnetic neutron diffraction study of Ba(Fe _{1-x} Co _x) ₂ As ₂ critical exponents through the tricritical doping. <i>Physical Review B</i> , 2013 , 87,	3.3	12
27	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
26	Magnetic structure and exchange interactions in the layered semiconductor CrPS ₄ . <i>Physical Review B</i> , 2020 , 102,	3.3	11
25	High-pressure neutron scattering of the magnetoelastic Ni-Cr Prussian blue analog. <i>Physical Review B</i> , 2015 , 91,	3.3	9
24	Chloride-bridged, defect-dicubane {Ln ₄ } core clusters: syntheses, crystal structures and magnetic properties. <i>Dalton Transactions</i> , 2014 , 43, 11973-80	4.3	9
23	Magnetic structure and dispersion relation of the S=12 quasi-one-dimensional Ising-like antiferromagnet BaCo ₂ V ₂ O ₈ in a transverse magnetic field. <i>Physical Review B</i> , 2017 , 96,	3.3	9
22	Magnetic structure of the mixed antiferromagnet NdMn _{0.8} Fe _{0.2} O ₃ . <i>Physical Review B</i> , 2017 , 96,	3.3	7
21	Polaron-mediated spin correlations in metallic and insulating La _{1-x} A _x MnO ₃ (A=Ca,Sr,orBa). <i>Physical Review B</i> , 2014 , 90,	3.3	7
20	Coexistence of superconductivity and short-range double-stripe spin correlations in Te-vapor annealed FeTe _{1-x} Sex (x0.2). <i>Physical Review B</i> , 2018 , 97,	3.3	6
19	3D scanning and 3D printing AlSi10Mg single crystal mounts for neutron scattering. <i>Review of Scientific Instruments</i> , 2020 , 91, 053902	1.7	6

18	Quantification of local Ising magnetism in rare-earth pyrogermanates Er ₂ Ge ₂ O ₇ and Yb ₂ Ge ₂ O ₇ . <i>Physical Review B</i> , 2020 , 101,	3.3	5
17	Magnetic field induced quantum phase transition of the S=12 antiferromagnet K ₂ NaCrO ₈ . <i>Physical Review B</i> , 2010 , 81,	3.3	5
16	Local-Ising-type magnetic order and metamagnetism in the rare-earth pyrogermanate Er ₂ Ge ₂ O ₇ . <i>Physical Review Materials</i> , 2019 , 3,	3.2	5
15	f-Electron States in PrPd ₅ Al ₂ . <i>Journal of the Physical Society of Japan</i> , 2018 , 87, 094704	1.5	5
14	Inelastic neutron scattering study of the anisotropic S=1 spin chain [Ni(HF ₂)(3,4-pyridine) ₄]BF ₄ . <i>Physical Review B</i> , 2020 , 101,	3.3	3
13	Magnetometer probe with low temperature rotation and optical fibers. <i>Journal of Physics: Conference Series</i> , 2009 , 150, 012034	0.3	3
12	Pressure dependence of the magnetization in Mn ₇ single-molecule magnets. <i>Polyhedron</i> , 2010 , 29, 2462-2464	2.7	3
11	The magnetic order of a manganese vanadate system with two-dimensional striped triangular lattice. <i>AIP Advances</i> , 2018 , 8, 101407	1.5	3
10	Three-dimensional magnetism and the Dzyaloshinskii-Moriya interaction in = 3/2 kagome staircase CoVO. <i>Science Advances</i> , 2020 , 6, eaay9709	14.3	2
9	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
8	Magnetic excitations of the hybrid multiferroic (ND ₄) ₂ FeCl ₅ D ₂ O. <i>Physical Review B</i> , 2021 , 103,	3.3	1
7	Magnetic properties and signatures of moment ordering in the triangular lattice antiferromagnet KCeO ₂ . <i>Physical Review B</i> , 2021 , 104,	3.3	1
6	High-pressure inelastic neutron scattering study of the anisotropic S=1 spin chain [Ni(HF ₂). <i>Physical Review B</i> , 2022 , 105,	3.3	1
5	Long-Time Variation of Magnetic Structure in (Pr _x La _{1-x})Co ₂ 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	
4	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	
3	Demagnetization in photomagnetic films. <i>Journal of Magnetism and Magnetic Materials</i> , 2012 , 324, 1818-1821		
2	Magnetic structure of ternary rare-earth alloy Ho _{1/3} Tb _{1/3} Er _{1/3} . <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 469, 315-322	2.8	
1	Pulsed laser deposition films from a Ba ₂ FeMoO ₆ target onto SrTiO ₃ [001]: Chemical and magnetic inhomogeneity. <i>Journal of Applied Physics</i> , 2018 , 124, 163903	2.5	

