Mark A Green

List of Publications by Year
in descending order

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60 papers	2,533 citations	172207 29 h-index	189595 50 g-index
70 all docs	70 docs citations	70 times ranked	3680 citing authors

#	Article	IF	Citations
1	Magnetic ordering through itinerant ferromagnetism in a metalâ€“organic framework. Nature Chemistry, 2021, 13, 594-598.	6.6	40
2	Titanium Doping of the Metallic One-Dimensional Antiferromagnet, Nb12O29. Inorganics, 2019, 7, 66.	1.2	2
3	Incommensurate atomic and magnetic modulations in the spin-frustrated <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mrow><mml:mi>Î²</mml:mi><mml:mtext>â€²</mml:mtext mathvariant="normal">O</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> triangular lattice. Physical Review Materials, 2018, 2, .	0.9	8
4	Pressure-Stabilized Cubic Perovskite Oxyhydride BaScO₂H. Inorganic Chemistry, 2017, 56, 4840-4845.	1.9	36
5	Selective and low temperature transition metal intercalation in layered tellurides. Nature Communications, 2016, 7, 13809.	5.8	10
6	Hydration-induced spin-glass state in a frustrated Na-Mn-O triangular lattice. Physical Review B, 2016, 93, .	1.1	11
7	Interlayer Communication in Aurivillius Vanadate to Enable Defect Structures and Charge Ordering. Inorganic Chemistry, 2015, 54, 10925-10933.	1.9	10
8	A labile hydride strategy for the synthesis of heavily nitridized BaTiO3. Nature Chemistry, 2015, 7, 1017-1023.	6.6	118
9	Direct Synthesis of Chromium Perovskite Oxyhydride with a High Magneticâ€Transition Temperature. Angewandte Chemie - International Edition, 2014, 53, 10377-10380.	7.2	84
10	Crystal, magnetic and dielectric studies of the 2D antiferromagnet: Î²-NaMnO₂. Proceedings of SPIE, 2014, , .	0.8	1
11	Syntheses, crystal structures, and characterization of two new Tl+â€“Cu2+â€“Te6+ oxides: Tl4CuTeO6 and Tl6CuTe2O10. Journal of Solid State Chemistry, 2012, 196, 607-613.	1.4	7
12	RbFe²⁺Fe³⁺F₆: Synthesis, structure, and characterization of a new charge-ordered magnetically frustrated pyrochlore-related mixed-metal fluoride. Chemical Science, 2012, 3, 741-751.	3.7	20
13	Confirmation of Isolated Cu²⁺ Ions in SSZ-13 Zeolite as Active Sites in NH₃-Selective Catalytic Reduction. Journal of Physical Chemistry C, 2012, 116, 4809-4818.	1.5	310
14	Crystal structures and magnetic properties of strontium and copper doped lanthanum ferrites. Journal of Solid State Chemistry, 2012, 191, 33-39.	1.4	53
15	Phase separation and superconductivity in Fe1+xTe0.5Se0.5. Chemical Communications, 2011, 47, 11297.	2.2	22
16	Chemical control of interstitial iron leading to superconductivity in Fe1+xTe0.7Se0.3. Chemical Science, 2011, 2, 1782.	3.7	53
17	Coupled Commensurate Cation and Charge Modulation in the Tunneled Structure, Na_{0.40(2)}MnO₂. Journal of the American Chemical Society, 2011, 133, 13950-13956.	6.6	39
18	Interstitial iron tuning of the spin fluctuations in the nonsuperconducting parent phase<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="bold">Fe</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>+</mml:mo><mml:mi>x</mml:mi></mml:mrow><mml:mi mathvariant="bold">Te</mml:mi></mml:msub></mml:mrow></mml:math>. Physical Review B, 2011, 84, .	1.1	57

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19	Experimental and Computational Investigation of the Polar Ferrimagnet VOSe₂O₅. Chemistry of Materials, 2010, 22, 5074-5083.	3.2	20
20	Phase Separation and Suppression of the Structural and Magnetic Transitions in Superconducting Doped Iron Tellurides, Fe_{1+x}Te<sub>1â<sup>y</sub>S_y. Journal of the American Chemical Society, 2010, 132, 13000-13007.	6.6	62
21	Iodine as an Oxidant in the Topotactic Deintercalation of Interstitial Iron in Fe_{1+x}Te. Journal of the American Chemical Society, 2010, 132, 10006-10008.	6.6	48
22	When small is better. Nature Materials, 2009, 8, 450-451.	13.3	3
23	Ultra-violet light activated photocatalysis in thin films of the titanium oxynitride, Ti3âˆ'Î´O4N. Journal of Photochemistry and Photobiology A: Chemistry, 2009, 203, 199-203.	2.0	22
24	An Investigation of Titaniumâ€Vanadium Nitride Phase Space, Conducted Using Combinatorial Atmospheric Pressure CVD. Chemical Vapor Deposition, 2008, 14, 309-312.	1.4	12
25	Interstitial oxide ion conductivity in the layered tetrahedral network melilite structure. Nature Materials, 2008, 7, 498-504.	13.3	258
26	Polymorphism in the negative thermal expansion material magnesium hafnium tungstate. Journal of Materials Research, 2008, 23, 210-213.	1.2	37
27	The Use of Combinatorial Chemical Vapor Deposition in the Synthesis of Ti₃₋_{Î´}O₄N with 0.06 < Î´ < 0.25:â€‰ A Titanium Oxynitride Phase Isostructural to Anosovite. Journal of the American Chemical Society, 2007, 129, 15541-15548.	6.6	67
28	Synthesis, structure and magnetic properties of an inorganicâ€“organic hybrid compound. Journal of Materials Chemistry, 2007, 17, 980-985.	6.7	22
29	Synthesis, Structure, and Magnetic Properties of a Novel Pillared Layered Iron(III) Arsenate, [4,4â€²-bpyH₂]₃[Fe₉(H₂O)₆F₃(HAsO₄)₁₂]. Journal of Physical Chemistry B, 2007, 111, 12700-12706.		
30	Magnetoelastic Coupling and Symmetry Breaking in the Frustrated Antiferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î±</mml:mi><mml:mtext mathvariant="normal">â^'</mml:mtext><mml:msub><mml:mi>NaMnO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2007, 99, 247211.	2.9	75
31	X-ray Diffraction Area Mapping of Preferred Orientation and Phase Change in TiO2Thin Films Deposited by Chemical Vapor Deposition. Journal of the American Chemical Society, 2006, 128, 12147-12155.	6.6	65
32	A New Series of Sodium Cobalt Oxyhydrates.. ChemInform, 2005, 36, no.	0.1	0
33	Inorganicâ^'Organic Hybrid Compounds:Â Synthesis, Structure, and Magnetic Properties of the First Organically Templated Iron Oxalateâ^'Phosphite, [C4N2H12][FeII4(HPO3)2(C2O4)3], Possessing Infinite Feâ^'Oâ^'Fe Chains. Chemistry of Materials, 2005, 17, 2912-2917.	3.2	42
34	Synthesis and Characterization of a Porous Magnetic Diamond Framework, Co3(HCOO)6, and Its N2Sorption Characteristic. Inorganic Chemistry, 2005, 44, 1230-1237.	1.9	150
35	The First One-Dimensional Iron Phosphiteâ^'Phosphate, [FeIII(2,2â€²-bipyridine)(HPO3)(H2PO4)]:Â Synthesis, Structure, and Magnetic Properties. Chemistry of Materials, 2005, 17, 638-643.	3.2	41
36	Synthesis and Structure of the First Three-Legged Low-Dimensional Iron Phosphate, [H3N(CH2)3NH2 (CH2)2NH2 (CH2)3NH3] [Fe3F6(HPO4)2(PO4)] Ã—3H2O.. ChemInform, 2004, 35, no.	0.1	0

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37	Synthesis of open-framework iron phosphates, [C5N2H14]2[FeIII2F2(HPO4)4]Â·2H2O and [C5N2H14][FeIII4(H2O)4F2(PO4)4], with one- and three-dimensional structures. Journal of Solid State Chemistry, 2004, 177, 1117-1126.	1.4	11
38	A new series of sodium cobalt oxyhydrates. Chemical Communications, 2004, , 2440.	2.2	8
39	Crossover from Positive to Negative Magnetoresistance in a Spinel. Journal of the American Chemical Society, 2004, 126, 2710-2711.	6.6	26
40	Magnetic Studies on a New Low-Dimensional Antiferromagnetic Iron Phosphate. Journal of Physical Chemistry B, 2004, 108, 20351-20354.	1.2	11
41	The synthesis of IIIâ€“V semiconductor nanoparticles using indium and gallium diorganophosphides as single-molecular precursors. Journal of Materials Chemistry, 2004, 14, 629-636.	6.7	38
42	Self propagating high temperature synthesis of magnesium zinc ferrites (MgxZn1â€Šâ€'â€ŠxFe2O3): thermal imaging and time resolved X-ray diffraction experiments. Journal of Materials Chemistry, 2004, 14, 1104-1111.	6.7	21
43	Synthesis and Structure of the First Three-legged Low-dimensional Iron Phosphate, [H3N(CH2)3NH2(CH2)2NH2(CH2)3NH3][Fe3F6(HPO4)2(PO4)]Â·3H2O. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2003, 629, 2549-2553.	0.6	3
44	Observation of tancoite-like chains in a one-dimensional metalâ€“organic polymer. Journal of Materials Chemistry, 2003, 13, 2937-2941.	6.7	34
45	Magnetic ordering in the rutile molecular magnetsMII[N(CN)2]2(M=Ni,Co, Fe,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 422 Td (M	1.1	38
46	Magnetic ordering in the charge-orderedNb12O29. Physical Review B, 2002, 65, .	1.1	14
47	Hydrothermal synthesis of the first iron arsenate-oxalate [C4N2H12]2[Fe4(HAsO4)6(C2O4)2], possessing open architecture. Solid State Sciences, 2002, 4, 405-412.	1.5	16
48	Synthesis of Open-Framework Iron Phosphates, [C6N2H14][FeIII2F2(HPO4)2(H2PO4)2]Â·2H2O and [C6N2H14]2[FeIII3(OH)F3(PO4)(HPO4)2]2Â·H2O, with One- and Three-Dimensional Structures. Journal of Solid State Chemistry, 2002, 165, 334-344.	1.4	33
49	The preparation of organically functionalised chromium and nickel nanoparticles. Chemical Communications, 2001, , 1912-1913.	2.2	41
50	A Novel Metalorganic Route to Nanocrystallites of Zinc Phosphide. Chemistry of Materials, 2001, 13, 4500-4505.	3.2	52
51	Two Modifications of Layered Cobaltous Terephthalate: Crystal Structures and Magnetic Properties. Journal of Solid State Chemistry, 2001, 159, 343-351.	1.4	137
52	On the synthesis and manipulation of InAs quantum dots. Journal of Materials Chemistry, 2000, 10, 1939-1943.	6.7	31
53	A simple one phase preparation of organically capped gold nanocrystals. Chemical Communications, 2000, , 183-184.	2.2	81
54	Synthesis of Passivated Metal Nanoparticles. Materials Research Society Symposia Proceedings, 1999, 581, 47.	0.1	0

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55	A Novel Synthesis of Cadmium Phosphide Nanoparticles Using the Single-Source Precursor [MeCdPtBu2]3. Advanced Materials, 1998, 10, 527-528.	11.1	46
56	The use of an adduct in improved syntheses of nanoparticulate chalcogenide semiconductors containing cadmium. Advanced Materials for Optics and Electronics, 1997, 7, 277-279.	0.6	13
57	Structural properties of A2SnO4(A = Ba,Sr). A neutron diffraction study. Journal of the Chemical Society, Faraday Transactions, 1996, 92, 2155.	1.7	20
58	Synthesis, reactivity, structure and electronic properties of [N(CH3)4]C60Â· 1.5thf: fullerides with simple hexagonal packing. Journal of Materials Chemistry, 1996, 6, 1913-1920.	6.7	16
59	Lattice Dynamics of Semiconducting, Metallic, and Superconducting Ba1-xKxBiO3 Studied by Inelastic Neutron Scattering. Chemistry of Materials, 1995, 7, 888-893.	3.2	7
60	Understanding the Effects of Post-Synthetic Treatments on MAPbI3 using Synchrotron X-ray Diffraction and Solid-State NMR. , 0, , .		0