

Daniel R Talham

List of Publications by Year in descending order

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papers

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109321

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3987
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#	ARTICLE	IF	CITATIONS
1	Sub-micrometer particle size effects on metastable phases for a photoswitchable Co ^{II} /Fe Prussian blue analog. <i>Journal of Applied Physics</i> , 2022, 131, 085110.	2.5	2
2	Crafting Spin-State Switchable Strain Profiles within RbxCo[Fe(CN)6]y@KjNi[Cr(CN)6]k Heterostructures. <i>Chemistry of Materials</i> , 2021, 33, 246-255.	6.7	10
3	Interplay between core and shell in a RbCoFe@RbNiCo Prussian blue analogue spin transition heterostructure. <i>Journal of Materials Chemistry C</i> , 2021, 9, 10830-10840.	5.5	4
4	Probing the Dielectric Transition and Molecular Dynamics in the Metal-Organic Framework [(CH ₃) ₂ NH] ₂ Mg(HCOO) ₃ Using High Resolution NMR. <i>Journal of Physical Chemistry C</i> , 2021, 125, 3441-3450.	3.1	9
5	Stimulus induced strain in spin transition heterostructures. <i>Journal of Applied Physics</i> , 2021, 129, 160903.	2.5	6
6	Hybrid Polymeric Nanostructures Stabilized by Zirconium and Gadolinium Ions for Use as Magnetic Resonance Imaging Contrast Agents. <i>ACS Applied Nano Materials</i> , 2021, 4, 4974-4982.	5.0	14
7	High-pressure behavior of heteroepitaxial core-shell particles made of Prussian blue analogs. <i>Journal of Applied Physics</i> , 2021, 129, 235106.	2.5	2
8	Design and Synthesis of Concentration Gradient Prussian Blue Analogues. <i>Crystal Growth and Design</i> , 2021, 21, 916-925.	3.0	6
9	Frontiers in hybrid and interfacial materials chemistry research. <i>MRS Bulletin</i> , 2020, 45, 951-964.	3.5	6
10	Particle Size Effects on the Order-Disorder Phase Transition in [(CH ₃) ₂ NH] ₂ Mg(HCOO) ₃ . <i>Journal of Physical Chemistry C</i> , 2020, 124, 21113-21122.	3.1	4
11	Growth Mechanisms of Mesoscale Prussian Blue Analogue Particles in Modifier-free Synthesis. <i>Crystal Growth and Design</i> , 2020, 20, 2713-2720.	3.0	15
12	Light-Switchable Exchange-Coupled Magnet. <i>ACS Applied Electronic Materials</i> , 2019, 1, 2471-2475.	4.3	2
13	Control of the Speed of a Light-Induced Spin Transition through Mesoscale Core-Shell Architecture. <i>Journal of the American Chemical Society</i> , 2018, 140, 5814-5824.	13.7	59
14	Light-induced magnetization changes in aggregated and isolated cobalt ferrite nanoparticles. <i>Journal of Applied Physics</i> , 2018, 124, .	2.5	5
15	Pressure-tuning of the photomagnetic response of heterostructured CoFe@CrCr-PBA core@shell nanoparticles. <i>Polyhedron</i> , 2017, 123, 323-327.	2.2	7
16	Comparison of the infrared absorptivities of some Prussian blue analogues and their use to determine the composition of core-shell particles. <i>Polyhedron</i> , 2017, 133, 404-411.	2.2	7
17	Antiferromagnetic ordering in MnF(salen). <i>Journal of Physics Condensed Matter</i> , 2016, 28, 236003.	1.8	5
18	Synergistic photomagnetic effects in coordination polymer heterostructure particles of Hofmann-like Fe(4-phenylpyridine) ₂ [Ni(CN) ₄]·0.5H ₂ O and K _{0.4} Ni[Cr(CN) ₆] _{0.8} ·nH ₂ O. <i>Dalton Transactions</i> , 2016, 45, 16624-16634.	3.3	12

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19	Reversible Medium-Dependent Solid-Solid Phase Transformations in Two-Dimensional Hybrid Perovskites. <i>Chemistry of Materials</i> , 2016, 28, 5522-5529.	6.7	11
20	Antiferromagnetic order in single crystals of the MnCl_2 chain. <i>Physical Review B</i> , 2016, 93, .	3.2	14
21	Assembly of Double-Hydrophilic Block Copolymers Triggered by Gadolinium Ions: New Colloidal MRI Contrast Agents. <i>Nano Letters</i> , 2016, 16, 4069-4073.	9.1	64
22	Comparison of Zirconium Phosphonate-Modified Surfaces for Immobilizing Phosphopeptides and Phosphate-Tagged Proteins. <i>Langmuir</i> , 2016, 32, 5480-5490.	3.5	2
23	Hyperbranched polymer mediated size-controlled synthesis of gadolinium phosphate nanoparticles: colloidal properties and particle size-dependence on MRI relaxivity. <i>Nanoscale</i> , 2016, 8, 4252-4259.	5.6	24
24	Evidence for Interface-Induced Strain and Its Influence on Photomagnetism in Prussian Blue Analogue Core-Shell Heterostructures, $\text{Rb}_{0.48}\text{Co}[\text{Fe}(\text{CN})_6]_{0.75}[(\text{H}_2\text{O})_6]_{0.25}\text{Å}\cdot 0.34\text{H}_2\text{O}@K_{0.36}\text{Ni}[\text{Cr}(\text{CN})_6]_{0.74}[(\text{H}_2\text{O})_6]_{0.26}\text{Å}\cdot 0.11\text{H}_2\text{O}$. <i>Journal of Physical Chemistry C</i> , 2016, 120, 5420-5429.	3.1	41
25	Effects of Lattice Misfit on the Growth of Coordination Polymer Heterostructures. <i>Chemistry of Materials</i> , 2015, 27, 3838-3843.	6.7	18
26	Complex Magnetic Phases in Nanosized Core@Shell Prussian Blue Analogue Cubes: $\text{Rb}_{0.48}\text{Co}[\text{Fe}(\text{CN})_6]_{0.75}[(\text{H}_2\text{O})_6]_{0.25}\text{Å}\cdot 0.34\text{H}_2\text{O}@K_{0.36}\text{Ni}[\text{Cr}(\text{CN})_6]_{0.74}[(\text{H}_2\text{O})_6]_{0.26}\text{Å}\cdot 0.11\text{H}_2\text{O}$. <i>Journal of Physical Chemistry C</i> , 2015, 119, 29138-29147.	3.1	10
27	Magnetic Properties of Single-Crystals of the $S=2$ Quasi-1D Heisenberg Antiferromagnet $\text{MnCl}_3(\text{bpy})$. <i>Physics Procedia</i> , 2015, 75, 106-113.	1.2	3
28	One-step synthesis of gradient gadolinium ironhexacyanoferrate nanoparticles: a new particle design easily combining MRI contrast and photothermal therapy. <i>Nanoscale</i> , 2015, 7, 5209-5216.	5.6	41
29	Stepwise Reduction of Electrochemically Lithiated Core-Shell Heterostructures Based on the Prussian Blue Analogue Coordination Polymers $\text{K}_{0.1}\text{Cu}[\text{Fe}(\text{CN})_6]_{0.7}\text{Å}\cdot 3.5\text{H}_2\text{O}$ and $\text{K}_{0.1}\text{Ni}[\text{Fe}(\text{CN})_6]_{0.7}\text{Å}\cdot 4.4\text{H}_2\text{O}$. <i>Chemistry of Materials</i> , 2015, 27, 1524-1530.	6.7	26
30	Direct Observation of Short-Range Structural Coherence During a Charge Transfer Induced Spin Transition in a CoFe Prussian Blue Analogue by Transmission Electron Microscopy. <i>Journal of the American Chemical Society</i> , 2015, 137, 14686-14693.	13.7	20
31	Photomagnetic molecular and extended network Langmuir-Blodgett films based on cyanide bridged molybdenum-copper complexes. <i>RSC Advances</i> , 2015, 5, 16696-16701.	3.6	14
32	Light Switchable Magnetism in a Coordination Polymer Heterostructure Combining the Magnetic Potassium Chromiumhexacyanochromate with the Light-Responsive Rubidium Cobalthexacyanoferrate. <i>Chemistry of Materials</i> , 2015, 27, 6185-6188.	6.7	24
33	Design and Optimization of a Phosphopeptide Anchor for Specific Immobilization of a Capture Protein on Zirconium Phosphonate Modified Supports. <i>Langmuir</i> , 2014, 30, 13949-13955.	3.5	9
34	Light-Induced Changes in Magnetism in a Coordination Polymer Heterostructure, $\text{Rb}_{0.24}\text{Co}[\text{Fe}(\text{CN})_6]_{0.74}@K_{0.10}\text{Co}[\text{Cr}(\text{CN})_6]_{0.70}\text{Å}\cdot n$ and the Role of the Shell Thickness on the Properties of Both Core and Shell. <i>Journal of the American Chemical Society</i> , 2014, 136, 15660-15669.	13.7	86
35	High rate sodium ion insertion into core-shell nanoparticles of Prussian blue analogues. <i>Chemical Communications</i> , 2014, 50, 1353-1355.	4.1	94
36	Size-Dependent MRI Relaxivity and Dual Imaging with $\text{Eu}_{0.2}\text{Gd}_{0.8}\text{PO}_4\text{Å}\cdot \text{H}_2\text{O}$ Nanoparticles. <i>Langmuir</i> , 2014, 30, 5873-5879.	3.5	27

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37	Light-Induced Magnetization Changes in a Coordination Polymer Heterostructure of a Prussian Blue Analogue and a Hofmann-like Fe(II) Spin Crossover Compound. <i>Journal of the American Chemical Society</i> , 2014, 136, 9846-9849.	13.7	61
38	X-ray Absorption Study of Structural Coupling in Photomagnetic Prussian Blue Analogue Core@Shell Particles. <i>Chemistry of Materials</i> , 2014, 26, 2586-2594.	6.7	24
39	Li-ion and Na-ion insertion into size-controlled nickel hexacyanoferrate nanoparticles. <i>RSC Advances</i> , 2014, 4, 24955.	3.6	36
40	Bimetallic Cyanide-Bridged Coordination Polymers as Lithium Ion Cathode Materials: Core@Shell Nanoparticles with Enhanced Cyclability. <i>Journal of the American Chemical Society</i> , 2013, 135, 2793-2799.	13.7	205
41	Structural and magnetic properties of four layered dicyanamide-based coordination polymers: $M\{N(CN)_2\}_2(DMSO)_2$, [M=Mn, Fe, Co, Ni]. <i>Polyhedron</i> , 2013, 66, 142-146.	2.2	13
42	Influence of particle size on the phase behavior associated with the thermal spin transition of the Prussian blue analogue $K_{0.4}Co_{1.3}[Fe(CN)_6]\cdot 4.4H_2O$. <i>Polyhedron</i> , 2013, 64, 289-293.	2.2	9
43	When local deformations trigger lattice instability: Flow diagram investigations for photoinduced and quenched metastable states in a Prussian blue analog. <i>Physical Review B</i> , 2013, 88, .	3.2	8
44	Photoinduced perturbations of the magnetic superexchange in core@shell Prussian blue analogues. <i>Polyhedron</i> , 2013, 66, 153-156.	2.2	11
45	Effect of pressure on the magnetic properties of LiCuFe and LiCuFe@LiNiCr Prussian blue analogues. <i>Polyhedron</i> , 2013, 66, 264-267.	2.2	8
46	$Rb_jM_k[Fe(CN)_6]_l$ (M = Co, Ni) Prussian Blue Analogue Hollow Nanocubes: a New Example of a Multilevel Pore System. <i>Chemistry of Materials</i> , 2013, 25, 42-47.	6.7	74
47	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, 4494-4501.	4.0	24
48	Magnetic neutron scattering of thermally quenched K-Co-Fe Prussian blue analog photomagnet. <i>Physical Review B</i> , 2012, 86, .	3.2	19
49	DNA Surface Modified Gadolinium Phosphate Nanoparticles as MRI Contrast Agents. <i>Bioconjugate Chemistry</i> , 2012, 23, 951-957.	3.6	49
50	Anisotropic magnetism in Prussian blue analogue films. <i>New Journal of Chemistry</i> , 2011, 35, 1320.	2.8	25
51	Thin films of coordination polymer magnets. <i>Chemical Society Reviews</i> , 2011, 40, 3356.	38.1	79
52	Photoinduced Magnetism in Core/Shell Prussian Blue Analogue Heterostructures of $K_jNi_k[Cr(CN)_6]_l\cdot nH_2O$ with $Rb_aCo_b[Fe(CN)_6]_c\cdot mH_2O$. <i>Inorganic Chemistry</i> , 2011, 50, 4295-4300.	4.0	86
53	Photoinduced Magnetism in a Series of Prussian Blue Analogue Heterostructures. <i>Chemistry of Materials</i> , 2011, 23, 3045-3053.	6.7	74
54	Metastable state of the photomagnetic Prussian blue analog $K_{0.3}Co[Fe(CN)_6]_{0.77}\cdot 3.6H_2O$ investigated by various techniques. <i>Physical Review B</i> , 2011, 84, .	3.2	23

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55	Effect of Phospholipase A2 Hydrolysis Products on Calcium Oxalate Precipitation at Lipid Interfaces. <i>Langmuir</i> , 2010, 26, 4925-4932.	3.5	2
56	Persistent Photoinduced Magnetism in Heterostructures of Prussian Blue Analogues. <i>Journal of the American Chemical Society</i> , 2010, 132, 4058-4059.	13.7	146
57	Bisphosphonate Adaptors for Specific Protein Binding on Zirconium Phosphonate-based Microarrays. <i>Bioconjugate Chemistry</i> , 2009, 20, 2270-2277.	3.6	36
58	Tuning the Sign of Photoinduced Changes in Magnetization: Spin Transitions in the Ternary Metal Prussian Blue Analogue $\text{Na}_{1\pm}\text{Ni}_{1\pm}\text{xCo}_x[\text{Fe}(\text{CN})_6]_2\cdot\text{nH}_2\text{O}$. <i>Journal of the American Chemical Society</i> , 2009, 131, 12927-12936.	13.7	30
59	Towards Zirconium Phosphonate-Based Microarrays for Probing DNA-Protein Interactions: Critical Influence of the Location of the Probe Anchoring Groups. <i>Journal of the American Chemical Society</i> , 2008, 130, 6243-6251.	13.7	83
60	Langmuir-Blodgett films of molecular organic materials. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 184006.	1.8	36
61	Anisotropic Photoinduced Magnetism in Thin Films of the Prussian Blue Analogue $\text{A}_{\text{j}}\text{Co}_{\text{k}}[\text{Fe}(\text{CN})_6]_{\text{l}}\cdot\text{nH}_2\text{O}$. <i>Chemistry of Materials</i> , 2008, 20, 5706-5713.		30
62	Poly(dG) Spacers Lead to Increased Surface Coverage of DNA Probes: An XPS Study of Oligonucleotide Binding to Zirconium Phosphonate Modified Surfaces. <i>Langmuir</i> , 2008, 24, 7394-7399.	3.5	22
63	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	45
64	XPS investigation of DNA binding to zirconium-phosphonate surfaces. <i>Colloids and Surfaces B: Biointerfaces</i> , 2007, 58, 34-38.	5.0	14
65	Photoinduced magnetism in rubidium cobalt hexacyanoferrate Prussian blue analogue nanoparticles. <i>Polyhedron</i> , 2007, 26, 2273-2275.	2.2	19
66	Effect of film thickness on the photoinduced decrease in magnetism for thin films of the cobalt iron Prussian blue analogue $\text{Rb}_{0.7}\text{Co}_4[\text{Fe}(\text{CN})_6]_3\cdot\text{O}$. <i>Polyhedron</i> , 2007, 26, 2281-2286.	2.2	24
67	Role of Lipids in Urinary Stones: Studies of Calcium Oxalate Precipitation at Phospholipid Langmuir Monolayers. <i>Langmuir</i> , 2006, 22, 2450-2456.	3.5	28
68	Novel phosphate-phosphonate hybrid nanomaterials applied to biology. <i>Progress in Solid State Chemistry</i> , 2006, 34, 257-266.	7.2	25
69	Monomers, chains, ladders, and two-dimensional sheets: Structural diversity in six new compounds of Zn(II) with 4,4'-bipyridine. <i>Polyhedron</i> , 2006, 25, 2605-2615.	2.2	43
70	Magnetism of metal cyanide networks assembled at interfaces. <i>Coordination Chemistry Reviews</i> , 2005, 249, 2642-2648.	18.8	63
71	Metal Phosphonates Applied to Biotechnologies: A Novel Approach to Oligonucleotide Microarrays. <i>Chemistry - A European Journal</i> , 2005, 11, 1980-1988.	3.3	93
72	Conducting and Magnetic Langmuir-Blodgett Films. <i>ChemInform</i> , 2005, 36, no.	0.0	2

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73	Calcium Oxalate Monohydrate Precipitation at Membrane Lipid Rafts. Journal of the American Chemical Society, 2005, 127, 2814-2815.	13.7	28
74	Calcium Oxalate Monohydrate Precipitation at Phospholipid Monolayer Phase Boundaries. Materials Research Society Symposia Proceedings, 2004, 823, W4.14.1.	0.1	0
75	Brewster Angle Microscopy of Calcium Oxalate Monohydrate Precipitation at Phospholipid Monolayer Phase Boundaries. Langmuir, 2004, 20, 8287-8293.	3.5	32
76	New Approach to Oligonucleotide Microarrays Using Zirconium Phosphonate-Modified Surfaces. Journal of the American Chemical Society, 2004, 126, 1497-1502.	13.7	124
77	Conducting and Magnetic Langmuir-Blodgett Films. Chemical Reviews, 2004, 104, 5479-5502.	47.7	198
78	Two applications of metal cyanide square grid monolayers: studies of evolving magnetic properties in layered films and templating Prussian blue family thin films. Polyhedron, 2003, 22, 2125-2131.	2.2	21
79	Structural, thermal, and magnetic properties of three transition metal-4,4'-bipyridine coordination polymers: [Ni(4,4'-bipy)3(H2O)2](ClO4)2·1.4(4,4'-bipy)·3(H2O); [Co(4,4'-bipy)3(H2O)2](ClO4)2·1.4(4,4'-bipy)·3(H2O); [Cu(4,4'-bipy)3(DMSO)2](ClO4)2·2(4,4'-bipy). Polyhedron, 2003, 22, 2821-2830.	2.2	26
80	Interface directed assembly of cyanide-bridged Fe-Co and Fe-Mn square grid networks. Polyhedron, 2003, 22, 3059-3064.	2.2	10
81	Monolayer, Bilayer, Multilayers: Evolving Magnetic Behavior in Langmuir-Blodgett Films Containing a Two-Dimensional Iron-Nickel Cyanide Square Grid Network. Inorganic Chemistry, 2003, 42, 2842-2848.	4.0	53
82	Sequential Assembly of Homogeneous Magnetic Prussian Blue Films on Templated Surfaces. Chemistry of Materials, 2003, 15, 3431-3436.	6.7	50
83	Direct Observation of Calcium Oxalate Monohydrate Precipitation at Phospholipid Monolayers with Brewster Angle Microscopy. Materials Research Society Symposia Proceedings, 2003, 774, 591.	0.1	1
84	Assembly of a Two-dimensional Cobalt-iron Cyanide Grid Network at an Air-water Interface. Molecular Crystals and Liquid Crystals, 2002, 376, 383-388.	0.9	0
85	Organic/Inorganic Langmuir-Blodgett Films Based on Metal Phosphonates. 5. A Magnetic Manganese Phosphonate Film Including a Tetrathiafulvalene Amphiphile. Chemistry of Materials, 2002, 14, 2011-2019.	6.7	27
86	Structural Characterization of Metal Phosphonate Langmuir-Blodgett Films by Grazing Incidence X-ray Diffraction. Langmuir, 2002, 18, 8260-8262.	3.5	2
87	Supramolecular Assembly at Interfaces: Formation of an Extended Two-Dimensional Coordinate Covalent Square Grid Network at the Air-Water Interface. Journal of the American Chemical Society, 2002, 124, 10083-10090.	13.7	104
88	Monolayers as Models for Supported Catalysts: Zirconium Phosphonate Films Containing Manganese(III) Porphyrins. Journal of the American Chemical Society, 2002, 124, 4363-4370.	13.7	112
89	Lyotropic Phase From Hybrid Organic-Inorganic Layered Copper Hydroxides. Molecular Crystals and Liquid Crystals, 2002, 376, 127-134.	0.9	6
90	A Magnetic Manganese Phosphonate Langmuir-Blodgett Film Containing a Tetrathiafulvalene Amphiphile. Molecular Crystals and Liquid Crystals, 2002, 376, 121-126.	0.9	3

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91	Presence of lipids in urine, crystals and stones: Implications for the formation of kidney stones. <i>Kidney International</i> , 2002, 62, 2062-2072.	5.2	114
92	Metal Cyanide Networks Formed at an Air-Water Interface: Structure and Magnetic Properties. <i>Materials Research Society Symposia Proceedings</i> , 2000, 658, 521.	0.1	0
93	Organic/Inorganic Langmuir-Blodgett Films Based on Metal Phosphonates. 4. Thermal Stability. <i>Langmuir</i> , 2000, 16, 5123-5129.	3.5	11
94	Photoisomerization of Azobenzene Chromophores in Organic/Inorganic Zirconium Phosphonate Thin Films Prepared Using a Combined Langmuir-Blodgett and Self-Assembled Monolayer Deposition. <i>Langmuir</i> , 2000, 16, 7449-7456.	3.5	46
95	Calcium Oxalate Monohydrate Precipitation at Phosphatidylglycerol Langmuir Monolayers. <i>Langmuir</i> , 2000, 16, 6013-6019.	3.5	62
96	Organic/Inorganic Langmuir-Blodgett films based on known layered solids: characterization and reaction of cobalt octadecylphosphonate. <i>Materials Research Bulletin</i> , 1999, 34, 437-445.	5.2	8
97	Structural Characterization and Magnetic Order in Phenoxy-Substituted Divalent Metal Phosphonate Langmuir-Blodgett Films. <i>Journal of Solid State Chemistry</i> , 1999, 145, 443-451.	2.9	13
98	Palladium Porphyrin Containing Zirconium Phosphonate Langmuir-Blodgett Films. <i>Chemistry of Materials</i> , 1999, 11, 965-976.	6.7	32
99	Langmuir-Blodgett Films Based on Known Layered Solids: A Lanthanide(III) Octadecylphosphonate LB Films. <i>Langmuir</i> , 1999, 15, 3289-3295.	3.5	30
100	Application of Solid-State ^{31}P NMR to the Study of Langmuir-Blodgett Films. <i>Journal of the American Chemical Society</i> , 1999, 121, 1088-1089.	13.7	9
101	Growth of calcium oxalate monohydrate at phospholipid Langmuir monolayers. <i>Journal of Crystal Growth</i> , 1998, 192, 243-249.	1.5	43
102	Organic/Inorganic Langmuir-Blodgett Films Based on Metal Phosphonates: A Preparation and Characterization of Phenoxy- and Biphenoxy-Substituted Zirconium Phosphonate Films. <i>Chemistry of Materials</i> , 1998, 10, 177-189.	6.7	20
103	Antiferromagnetic Resonance as a Tool for Investigating Magnetostructural Correlations: The Canted Antiferromagnetic State of $\text{KMnPO}_4 \cdot \text{H}_2\text{O}$ and a Series of Manganese Phosphonates. <i>Journal of the American Chemical Society</i> , 1998, 120, 5469-5479.	13.7	69
104	Organic/Inorganic Langmuir-Blodgett Films Based on Metal Phosphonates. 3. An Azobenzene-Derivatized Phosphonic Acid Forms Continuous Lattice Layers with Divalent, Trivalent, and Tetravalent Metal Ions. <i>Chemistry of Materials</i> , 1998, 10, 3672-3682.	6.7	22
105	Incorporating Inorganic Extended Lattice Structures into Langmuir-Blodgett Films: Comparing Metal Phosphonate LB Films to Their Solid-State Analogs. <i>Comments on Inorganic Chemistry</i> , 1997, 19, 133-151.	5.2	15
106	Organic/Inorganic Langmuir-Blodgett Films Based on Metal Phosphonates. <i>Materials Research Society Symposia Proceedings</i> , 1997, 488, 461.	0.1	0
107	Langmuir-Blodgett Films of Known Layered Solids: A Preparation and Structural Properties of Octadecylphosphonate Bilayers with Divalent Metals and Characterization of a Magnetic Langmuir-Blodgett Film. <i>Journal of the American Chemical Society</i> , 1997, 119, 7084-7094.	13.7	103
108	Electron Paramagnetic Resonance Study of a Langmuir-Blodgett Film of Manganese Octadecylphosphonate and Comparison of the Magnetic Properties to Those of Solid-State Manganese Alkylphosphonates. <i>Inorganic Chemistry</i> , 1996, 35, 3479-3483.	4.0	31

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109	Langmuir-Blodgett films as single-layer analogs of known organic/inorganic solid-state materials. <i>Synthetic Metals</i> , 1995, 71, 1977-1980.	3.9	10
110	Molecular self-assembly at a pre-formed Langmuir-Blodgett template. <i>Thin Solid Films</i> , 1994, 244, 768-771.	1.8	11
111	Extended-Lattice Langmuir-Blodgett Films: Manganese Octadecylphosphonate Langmuir-Blodgett Films are Structural and Magnetic Analogs of Solid-State Manganese Phosphonates. <i>Journal of the American Chemical Society</i> , 1994, 116, 7903-7904.	13.7	40
112	Oriented Cadmium Dihalide Particles Prepared in Langmuir-Blodgett Films. <i>Chemistry of Materials</i> , 1994, 6, 1757-1765.	6.7	18
113	Role of the template layer in organizing self-assembled films: zirconium phosphonate monolayers and multilayers at a Langmuir-Blodgett template. <i>Journal of the American Chemical Society</i> , 1994, 116, 295-301.	13.7	100
114	Langmuir-Blodgett Monolayers as Templates for the Self-Assembly of Zirconium Organophosphonate Films. <i>ACS Symposium Series</i> , 1994, , 49-59.	0.5	8
115	Mössbauer study and molecular orbital calculations on some bimetallic derivatives of ferrocene and ferricinium. <i>Hyperfine Interactions</i> , 1993, 77, 51-66.	0.5	10
116	Inorganic monolayers formed at an organic template: a Langmuir-Blodgett route to monolayer and multilayer films of zirconium octadecylphosphonate. <i>Chemistry of Materials</i> , 1993, 5, 709-715.	6.7	110
117	New Amphiphilic Tetrathiafulvalene (TTF) Derivatives: Synthesis and Langmuir-Blodgett Film Formation. <i>Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics</i> , 1988, 156, 339-345.	0.3	5
118	Magnetic Langmuir-Blodgett Films. , 0, , 457-484.		1