# Daniel R Talham

List of Publications by Year
in descending order

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|---|---|---|---|
| 118 papers | 4,019 citations | 109321 35 h-index | 133252 59 g-index |
| 121 all docs | 121 docs citations | 121 times ranked | 3987 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Bimetallic Cyanide-Bridged Coordination Polymers as Lithium Ion Cathode Materials: Core@Shell Nanoparticles with Enhanced Cyclability. Journal of the American Chemical Society, 2013, 135, 2793-2799. | 13.7 | 205 |
| 2 | Conducting and Magnetic Langmuirâ˜Blodgett Films. Chemical Reviews, 2004, 104, 5479-5502. | 47.7 | 198 |
| 3 | Persistent Photoinduced Magnetism in Heterostructures of Prussian Blue Analogues. Journal of the American Chemical Society, 2010, 132, 4058-4059. | 13.7 | 146 |
| 4 | New Approach to Oligonucleotide Microarrays Using Zirconium Phosphonate-Modified Surfaces. Journal of the American Chemical Society, 2004, 126, 1497-1502. | 13.7 | 124 |
| 5 | Presence of lipids in urine, crystals and stones: Implications for the formation of kidney stones. Kidney International, 2002, 62, 2062-2072. | 5.2 | 114 |
| 6 | Monolayers as Models for Supported Catalysts:Â Zirconium Phosphonate Films Containing Manganese(III) Porphyrins. Journal of the American Chemical Society, 2002, 124, 4363-4370. | 13.7 | 112 |
| 7 | Inorganic monolayers formed at an organic template: a Langmuir-Blodgett route to monolayer and multilayer films of zirconium octadecylphosphonate. Chemistry of Materials, 1993, 5, 709-715. | 6.7 | 110 |
| 8 | Supramolecular Assembly at Interfaces:Â Formation of an Extended Two-Dimensional Coordinate Covalent Square Grid Network at the Airâ˜Water Interface. Journal of the American Chemical Society, 2002, 124, 10083-10090. | 13.7 | 104 |
| 9 | Langmuirâ˜Blodgett Films of Known Layered Solids:Â Preparation and Structural Properties of Octadecylphosphonate Bilayers with Divalent Metals and Characterization of a Magnetic Langmuirâ˜Blodgett Film. Journal of the American Chemical Society, 1997, 119, 7084-7094. | 13.7 | 103 |
| 10 | Role of the template layer in organizing self-assembled films: zirconium phosphonate monolayers and multilayers at a Langmuir-Blodgett template. Journal of the American Chemical Society, 1994, 116, 295-301. | 13.7 | 100 |
| 11 | High rate sodium ion insertion into coreâ€“shell nanoparticles of Prussian blue analogues. Chemical Communications, 2014, 50, 1353-1355. | 4.1 | 94 |
| 12 | Metal Phosphonates Applied to Biotechnologies: A Novel Approach to Oligonucleotide Microarrays. Chemistry - A European Journal, 2005, 11, 1980-1988. | 3.3 | 93 |
| 13 | Photoinduced Magnetism in Core/Shell Prussian Blue Analogue Heterostructures of K<sub>j</sub>Ni<sub>k</sub>[Cr(CN)<sub>6</sub>]<sub>l</sub>Â·nH<sub>2</sub>O with Rb<sub>a</sub>Co<sub>b</sub>[Fe(CN)<sub>6</sub>]<sub>c</sub>Â·mH<sub>2</sub>O. | 4.0 | 86 |
| 14 | Light-Induced Changes in Magnetism in a Coordination Polymer Heterostructure, Rb<sub>0.24</sub>Co[Fe(CN)<sub>6</sub>]<sub>0.74</sub>@K<sub>0.10</sub>Co[Cr(CN)<sub>6</sub>]<sub>0.70</sub>Â·n and the Role of the Shell Thickness on the Properties of Both Core and Shell. Journal of the American Chemical Society, 2014, 136, 15660-15669. | 13.7 | 86 |
| 15 | Towards Zirconium Phosphonate-Based Microarrays for Probing DNAâ˜Protein Interactions: Critical Influence of the Location of the Probe Anchoring Groups. Journal of the American Chemical Society, 2008, 130, 6243-6251. | 13.7 | 83 |
| 16 | Thin films of coordination polymer magnets. Chemical Society Reviews, 2011, 40, 3356. | 38.1 | 79 |
| 17 | Photoinduced Magnetism in a Series of Prussian Blue Analogue Heterostructures. Chemistry of Materials, 2011, 23, 3045-3053. | 6.7 | 74 |
| 18 | Rb<sub>j</sub>M<sub>k</sub>[Fe(CN)<sub>6</sub>]<sub>l</sub> (M = Co, Ni) Prussian Blue Analogue Hollow Nanocubes: a New Example of a Multilevel Pore System. Chemistry of Materials, 2013, 25, 42-47. | 6.7 | 74 |

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|---|---|---|---|
| 19 | Antiferromagnetic Resonance as a Tool for Investigating Magnetostructural Correlations:â€‰ The Canted Antiferromagnetic State of KMnPO4Â·H2O and a Series of Manganese Phosphonates. Journal of the American Chemical Society, 1998, 120, 5469-5479. | 13.7 | 69 |
| 20 | Assembly of Double-Hydrophilic Block Copolymers Triggered by Gadolinium Ions: New Colloidal MRI Contrast Agents. Nano Letters, 2016, 16, 4069-4073. | 9.1 | 64 |
| 21 | Magnetism of metal cyanide networks assembled at interfaces. Coordination Chemistry Reviews, 2005, 249, 2642-2648. | 18.8 | 63 |
| 22 | Calcium Oxalate Monohydrate Precipitation at Phosphatidylglycerol Langmuir Monolayers. Langmuir, 2000, 16, 6013-6019. | 3.5 | 62 |
| 23 | Light-Induced Magnetization Changes in a Coordination Polymer Heterostructure of a Prussian Blue Analogue and a Hofmann-like Fe(II) Spin Crossover Compound. Journal of the American Chemical Society, 2014, 136, 9846-9849. | 13.7 | 61 |
| 24 | Control of the Speed of a Light-Induced Spin Transition through Mesoscale Coreâ€“Shell Architecture. Journal of the American Chemical Society, 2018, 140, 5814-5824. | 13.7 | 59 |
| 25 | Monolayer, Bilayer, Multilayers:Â Evolving Magnetic Behavior in Langmuirâ€'Blodgett Films Containing a Two-Dimensional Ironâ€'Nickel Cyanide Square Grid Network. Inorganic Chemistry, 2003, 42, 2842-2848. | 4.0 | 53 |
| 26 | Sequential Assembly of Homogeneous Magnetic Prussian Blue Films on Templated Surfaces. Chemistry of Materials, 2003, 15, 3431-3436. | 6.7 | 50 |
| 27 | DNA Surface Modified Gadolinium Phosphate Nanoparticles as MRI Contrast Agents. Bioconjugate Chemistry, 2012, 23, 951-957. | 3.6 | 49 |
| 28 | Photoisomerization of Azobenzene Chromophores in Organic/Inorganic Zirconium Phosphonate Thin Films Prepared Using a Combined Langmuirâ€'Blodgett and Self-Assembled Monolayer Deposition. Langmuir, 2000, 16, 7449-7456. | 3.5 | 46 |
| 29 | Size dependence of the photoinduced magnetism and long-range ordering in Prussian blue analogue nanoparticles of rubidium cobalt hexacyanoferrate. New Journal of Physics, 2007, 9, 222-222. | 2.9 | 45 |
| 30 | Growth of calcium oxalate monohydrate at phospholipid Langmuir monolayers. Journal of Crystal Growth, 1998, 192, 243-249. | 1.5 | 43 |
| 31 | Monomers, chains, ladders, and two-dimensional sheets: Structural diversity in six new compounds of Zn(II) with 4,4â€²-bipyridine. Polyhedron, 2006, 25, 2605-2615. | 2.2 | 43 |
| 32 | One-step synthesis of gradient gadolinium ironhexacyanoferrate nanoparticles: a new particle design easily combining MRI contrast and photothermal therapy. Nanoscale, 2015, 7, 5209-5216. | 5.6 | 41 |
| 33 | Evidence for Interface-Induced Strain and Its Influence on Photomagnetism in Prussian Blue Analogue Coreâ€“Shell Heterostructures, Rb<sub>a</sub>Co<sub>b</sub>[Fe(CN)<sub>6</sub>]<sub>c</sub>Â·mH<sub>2</sub>O@K<sub> Journal of Physical Chemistry C, 2016, 120, 5420-5429. | 3.1 | 41 |
| 34 | Extended-Lattice Langmuir-Blodgett Films: Manganese Octadecylphosphonate Langmuir-Blodgett Films are Structural and Magnetic Analogs of Solid-State Manganese Phosphonates. Journal of the American Chemical Society, 1994, 116, 7903-7904. | 13.7 | 40 |
| 35 | Langmuirâ€“Blodgett films of molecular organic materials. Journal of Physics Condensed Matter, 2008, 20, 184006. | 1.8 | 36 |
| 36 | Bisphosphonate Adaptors for Specific Protein Binding on Zirconium Phosphonate-based Microarrays. Bioconjugate Chemistry, 2009, 20, 2270-2277. | 3.6 | 36 |

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|---|---|---|---|
| 37 | Li-ion and Na-ion insertion into size-controlled nickel hexacyanoferrate nanoparticles. RSC Advances, 2014, 4, 24955. | 3.6 | 36 |
| 38 | Palladium Porphyrin Containing Zirconium Phosphonate Langmuirâ"Blodgett Films. Chemistry of Materials, 1999, 11, 965-976. | 6.7 | 32 |
| 39 | Brewster Angle Microscopy of Calcium Oxalate Monohydrate Precipitation at Phospholipid Monolayer Phase Boundaries. Langmuir, 2004, 20, 8287-8293. | 3.5 | 32 |
| 40 | Electron Paramagnetic Resonance Study of a Langmuirâ"Blodgett Film of Manganese Octadecylphosphonate and Comparison of the Magnetic Properties to Those of Solid-State Manganese Alkylphosphonates. Inorganic Chemistry, 1996, 35, 3479-3483. | 4.0 | 31 |
| 41 | Langmuirâ"Blodgett Films Based on Known Layered Solids:Â Lanthanide(III) Octadecylphosphonate LB Films. Langmuir, 1999, 15, 3289-3295. | 3.5 | 30 |
| 42 | Anisotropic Photoinduced Magnetism in Thin Films of the Prussian Blue Analogue A<sub>j</sub>Co<sub>k</sub>[Fe(CN)<sub>6</sub>]<sub>l</sub>Â·nH<sub>2</sub>O. Chemistry of Materials, 2008, 20, 5706-5713. | 6.7 | 30 |
| 43 | Tuning the Sign of Photoinduced Changes in Magnetization: Spin Transitions in the Ternary Metal Prussian Blue Analogue Naî±Ni1â"xCox[Fe(CN)6]î²Â·nH2O. Journal of the American Chemical Society, 2009, 131, 12927-12936. | 13.7 | 30 |
| 44 | Calcium Oxalate Monohydrate Precipitation at Membrane Lipid Rafts. Journal of the American Chemical Society, 2005, 127, 2814-2815. | 13.7 | 28 |
| 45 | Role of Lipids in Urinary Stones:Â Studies of Calcium Oxalate Precipitation at Phospholipid Langmuir Monolayers. Langmuir, 2006, 22, 2450-2456. | 3.5 | 28 |
| 46 | Organic/Inorganic Langmuirâ"Blodgett Films Based on Metal Phosphonates. 5. A Magnetic Manganese Phosphonate Film Including a Tetrathiafulvalene Amphiphile1. Chemistry of Materials, 2002, 14, 2011-2019. | 6.7 | 27 |
| 47 | Size-Dependent MRI Relaxivity and Dual Imaging with Eu0.2Gd0.8PO4Â·H2O Nanoparticles. Langmuir, 2014, 30, 5873-5879. | 3.5 | 27 |
| 48 | Structural, thermal, and magnetic properties of three transition metal-4,4â€²-bipyridine coordination polymers: [Ni(4,4â€²-bipy)3(H2O)2](ClO4)2Â·1.4(4,4â€²-bipy)Â·3(H2O); [Co(4,4â€²-bipy)3(H2O)2](ClO4)2Â·1.4(4,4â€²-bipy)Â·3(H2O); [Cu(4,4â€²-bipy)3(DMSO)2](ClO4)2Â·2(4,4â€²-bipy). Polyhedron, 2003, 22, 2821-2830. | 2.2 | 26 |
| 49 | Stepwise Reduction of Electrochemically Lithiated Coreâ€"Shell Heterostructures Based on the Prussian Blue Analogue Coordination Polymers K<sub>0.1</sub>Cu[Fe(CN)<sub>6</sub>]<sub>0.7</sub>Â·3.5H<sub>2</sub>O and K<sub>0.1</sub>Ni[Fe(CN)<sub>6</sub>]<sub>0.7</sub>Â·4.4H<sub>2</sub>O. Chemistry of Materials, 2015, 27, 1524-1530. | 6.7 | 26 |
| 50 | Novel phosphateâ€"phosphonate hybrid nanomaterials applied to biology. Progress in Solid State Chemistry, 2006, 34, 257-266. | 7.2 | 25 |
| 51 | Anisotropic magnetism in Prussian blue analogue films. New Journal of Chemistry, 2011, 35, 1320. | 2.8 | 25 |
| 52 | Effect of film thickness on the photoinduced decrease in magnetism for thin films of the cobalt iron Prussian blue analogue Rb0.7Co4[Fe(CN)6]3.0. Polyhedron, 2007, 26, 2281-2286. | 2.2 | 24 |
| 53 | Synthesis and Size Control of Iron(II) Hexacyanochromate(III) Nanoparticles and the Effect of Particle Size on Linkage Isomerism. Inorganic Chemistry, 2013, 52, 4494-4501. | 4.0 | 24 |
| 54 | X-ray Absorption Study of Structural Coupling in Photomagnetic Prussian Blue Analogue Core@Shell Particles. Chemistry of Materials, 2014, 26, 2586-2594. | 6.7 | 24 |

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| 55 | Light Switchable Magnetism in a Coordination Polymer Heterostructure Combining the Magnetic Potassium Chromiumhexacyanochromate with the Light-Responsive Rubidium Cobalthexacyanoferrate. Chemistry of Materials, 2015, 27, 6185-6188. | 6.7 | 24 |
| 56 | Hyperbranched polymer mediated size-controlled synthesis of gadolinium phosphate nanoparticles: colloidal properties and particle size-dependence on MRI relaxivity. Nanoscale, 2016, 8, 4252-4259. | 5.6 | 24 |
| 57 | Metastable state of the photomagnetic Prussian blue analog K0.3Co[Fe(CN)6]0.77Â·3.6H2O investigated by various techniques. Physical Review B, 2011, 84, . | 3.2 | 23 |
| 58 | Organic/Inorganic Langmuirâ"Blodgett Films Based on Metal Phosphonates. 3. An Azobenzene-Derivatized Phosphonic Acid Forms Continuous Lattice Layers with Divalent, Trivalent, and Tetravalent Metal Ions1. Chemistry of Materials, 1998, 10, 3672-3682. | 6.7 | 22 |
| 59 | Poly(dG) Spacers Lead to Increased Surface Coverage of DNA Probes: An XPS Study of Oligonucleotide Binding to Zirconium Phosphonate Modified Surfaces. Langmuir, 2008, 24, 7394-7399. | 3.5 | 22 |
| 60 | 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 |
| 61 | Organic/Inorganic Langmuirâ"Blodgett Films Based on Metal Phosphonates:Â Preparation and Characterization of Phenoxy- and Biphenoxy-Substituted Zirconium Phosphonate Films. Chemistry of Materials, 1998, 10, 177-189. | 6.7 | 20 |
| 62 | Direct Observation of Short-Range Structural Coherence During a Charge Transfer Induced Spin Transition in a CoFe Prussian Blue Analogue by Transmission Electron Microscopy. Journal of the American Chemical Society, 2015, 137, 14686-14693. | 13.7 | 20 |
| 63 | Photoinduced magnetism in rubidium cobalt hexacyanoferrate Prussian blue analogue nanoparticles. Polyhedron, 2007, 26, 2273-2275. | 2.2 | 19 |
| 64 | Magnetic neutron scattering of thermally quenched K-Co-Fe Prussian blue analog photomagnet. Physical Review B, 2012, 86, . | 3.2 | 19 |
| 65 | Oriented Cadmium Dihalide Particles Prepared in Langmuir-Blodgett Films. Chemistry of Materials, 1994, 6, 1757-1765. | 6.7 | 18 |
| 66 | Effects of Lattice Misfit on the Growth of Coordination Polymer Heterostructures. Chemistry of Materials, 2015, 27, 3838-3843. | 6.7 | 18 |
| 67 | Incorporating Inorganic Extended Lattice Structures into Langmuirâ€"Blodgett Films: Comparing Metal Phosphonate LB Films to Their Solid-State Analogs. Comments on Inorganic Chemistry, 1997, 19, 133-151. | 5.2 | 15 |
| 68 | Growth Mechanisms of Mesoscale Prussian Blue Analogue Particles in Modifier-free Synthesis. Crystal Growth and Design, 2020, 20, 2713-2720. | 3.0 | 15 |
| 69 | XPS investigation of DNA binding to zirconium-phosphonate surfaces. Colloids and Surfaces B: Biointerfaces, 2007, 58, 34-38. | 5.0 | 14 |
| 70 | Photomagnetic molecular and extended network Langmuirâ€"Blodgett films based on cyanide bridged molybdenumâ€"copper complexes. RSC Advances, 2015, 5, 16696-16701. | 3.6 | 14 |
| 71 | Antiferromagnetic order in single crystals of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mn>2</mml:mn> chain<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>MnCl</mml:mtext><mml:mn>3</mml:mn></mml:msub> Physical Review B, 2016, 93, . | 3.2 | 14 |
| 72 | Hybrid Polymeric Nanostructures Stabilized by Zirconium and Gadolinium Ions for Use as Magnetic Resonance Imaging Contrast Agents. ACS Applied Nano Materials, 2021, 4, 4974-4982. | 5.0 | 14 |

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|---|---|---|---|
| 73 | Structural Characterization and Magnetic Order in Phenoxy-Substituted Divalent Metal Phosphonate Langmuirâ€“Blodgett Films. Journal of Solid State Chemistry, 1999, 145, 443-451. | 2.9 | 13 |
| 74 | Structural and magnetic properties of four layered dicyanamide-based coordination polymers: M{N(CN)2}2(DMSO)2, [M=Mn, Fe, Co, Ni]. Polyhedron, 2013, 66, 142-146. | 2.2 | 13 |
| 75 | Synergistic photomagnetic effects in coordination polymer heterostructure particles of Hofmann-like Fe(4-phenylpyridine)<sub>2</sub>[Ni(CN)<sub>4</sub>]Â·0.5H<sub>2</sub>O and K<sub>0.4</sub>Ni[Cr(CN)<sub>6</sub>]<sub>0.8</sub>Â·nH<sub>2</sub>O. Dalton Transactions, 2016, 45, 16624-16634. | 3.3 | 12 |
| 76 | Molecular self-assembly at a pre-formed Langmuir-Blodgett template. Thin Solid Films, 1994, 244, 768-771. | 1.8 | 11 |
| 77 | Organic/Inorganic Langmuirâ€'Blodgett Films Based on Metal Phosphonates. 4. Thermal Stability1. Langmuir, 2000, 16, 5123-5129. | 3.5 | 11 |
| 78 | Photoinduced perturbations of the magnetic superexchange in core@shell Prussian blue analogues. Polyhedron, 2013, 66, 153-156. | 2.2 | 11 |
| 79 | Reversible Medium-Dependent Solidâ€“Solid Phase Transformations in Two-Dimensional Hybrid Perovskites. Chemistry of Materials, 2016, 28, 5522-5529. | 6.7 | 11 |
| 80 | MÃ¶ssbauer study and molecular orbital calculations on some bimetallic derivatives of ferrocene and ferricinium. Hyperfine Interactions, 1993, 77, 51-66. | 0.5 | 10 |
| 81 | Langmuir-Blodgett films as single-layer analogs of known organic/inorganic solid-state materials. Synthetic Metals, 1995, 71, 1977-1980. | 3.9 | 10 |
| 82 | Interface directed assembly of cyanide-bridged Feâ€“Co and Feâ€“Mn square grid networks. Polyhedron, 2003, 22, 3059-3064. | 2.2 | 10 |
| 83 | Complex Magnetic Phases in Nanosized Core@Shell Prussian Blue Analogue Cubes: Rb0.48Co[Fe(CN)6]0.75[(H2O)6]0.25Â·0.34H2O@K0.36Ni[Cr(CN)6]0.74[(H2O)6]0.26Â·0.11H2O. Journal of Physical Chemistry C, 2015, 119, 29138-29147. | 3.1 | 10 |
| 84 | Crafting Spin-State Switchable Strain Profiles within RbxCo[Fe(CN)6]y@KjNi[Cr(CN)6]k Heterostructures. Chemistry of Materials, 2021, 33, 246-255. | 6.7 | 10 |
| 85 | Application of Solid-State31P NMR to the Study of Langmuirâ€'Blodgett Films. Journal of the American Chemical Society, 1999, 121, 1088-1089. | 13.7 | 9 |
| 86 | Influence of particle size on the phase behavior associated with the thermal spin transition of the Prussian blue analogue K0.4Co1.3[Fe(CN)6]Â·4.4H2O. Polyhedron, 2013, 64, 289-293. | 2.2 | 9 |
| 87 | Design and Optimization of a Phosphopeptide Anchor for Specific Immobilization of a Capture Protein on Zirconium Phosphonate Modified Supports. Langmuir, 2014, 30, 13949-13955. | 3.5 | 9 |
| 88 | Probing the Dielectric Transition and Molecular Dynamics in the Metalâ€“Organic Framework [(CH<sub>3</sub>)<sub>2</sub>NH<sub>2</sub>]Mg(HCOO)<sub>3</sub> Using High Resolution NMR. Journal of Physical Chemistry C, 2021, 125, 3441-3450. | 3.1 | 9 |
| 89 | Langmuirâ€"Blodgett Monolayers as Templates for the Self-Assembly of Zirconium Organophosphonate Films. ACS Symposium Series, 1994, , 49-59. | 0.5 | 8 |
| 90 | Organic/inorganic Langmuir-Blodgett films based on known layered solids: characterization and reaction of cobalt octadecylphosphonate. Materials Research Bulletin, 1999, 34, 437-445. | 5.2 | 8 |

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| 91 | When local deformations trigger lattice instability: Flow diagram investigations for photoinduced and quenched metastable states in a Prussian blue analog. Physical Review B, 2013, 88, . | 3.2 | 8 |
| 92 | Effect of pressure on the magnetic properties of LiCuFe and LiCuFe@LiNiCr Prussian blue analogues. Polyhedron, 2013, 66, 264-267. | 2.2 | 8 |
| 93 | Pressure-tuning of the photomagnetic response of heterostructured CoFe@CrCr-PBA core@shell nanoparticles. Polyhedron, 2017, 123, 323-327. | 2.2 | 7 |
| 94 | Comparison of the infrared absorptivities of some Prussian blue analogues and their use to determine the composition of coreâ€“shell particles. Polyhedron, 2017, 133, 404-411. | 2.2 | 7 |
| 95 | Lyotropic Phase From Hybrid Organic-Inorganic Layered Copper Hydroxides. Molecular Crystals and Liquid Crystals, 2002, 376, 127-134. | 0.9 | 6 |
| 96 | Frontiers in hybrid and interfacial materials chemistry research. MRS Bulletin, 2020, 45, 951-964. | 3.5 | 6 |
| 97 | Stimulus induced strain in spin transition heterostructures. Journal of Applied Physics, 2021, 129, 160903. | 2.5 | 6 |
| 98 | Design and Synthesis of Concentration Gradient Prussian Blue Analogues. Crystal Growth and Design, 2021, 21, 916-925. | 3.0 | 6 |
| 99 | New Amphiphilic Tetrathiafulvalene (TTF) Derivatives: Synthesis and Langmuir-Blodgett Film Formation. Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics, 1988, 156, 339-345. | 0.3 | 5 |
| 100 | Antiferromagnetic ordering in MnF(salen). Journal of Physics Condensed Matter, 2016, 28, 236003. | 1.8 | 5 |
| 101 | Light-induced magnetization changes in aggregated and isolated cobalt ferrite nanoparticles. Journal of Applied Physics, 2018, 124, . | 2.5 | 5 |
| 102 | Particle Size Effects on the Orderâ€“Disorder Phase Transition in [(CH<sub>3</sub>)<sub>2</sub>NH<sub>2</sub>]Mg(HCOO)<sub>3</sub>. Journal of Physical Chemistry C, 2020, 124, 21113-21122. | 3.1 | 4 |
| 103 | Interplay between core and shell in a RbCoFe@RbNiCo Prussian blue analogue spin transition heterostructure. Journal of Materials Chemistry C, 2021, 9, 10830-10840. | 5.5 | 4 |
| 104 | A Magnetic Manganese Phosphonate Langmuir-Blodgett Film Containing a Tetrathiafulvalene Amphiphile. Molecular Crystals and Liquid Crystals, 2002, 376, 121-126. | 0.9 | 3 |
| 105 | Magnetic Properties of Single-Crystals of the S=2 Quasi-1D Heisenberg Antiferromagnet MnCl3(bpy). Physics Procedia, 2015, 75, 106-113. | 1.2 | 3 |
| 106 | Structural Characterization of Metal Phosphonate Langmuirâ€'Blodgett Films by Grazing Incidence X-ray Diffraction. Langmuir, 2002, 18, 8260-8262. | 3.5 | 2 |
| 107 | Conducting and Magnetic Langmuir?Blodgett Films. ChemInform, 2005, 36, no. | 0.0 | 2 |
| 108 | Effect of Phospholipase A2 Hydrolysis Products on Calcium Oxalate Precipitation at Lipid Interfaces. Langmuir, 2010, 26, 4925-4932. | 3.5 | 2 |

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| 109 | Comparison of Zirconium Phosphonate-Modified Surfaces for Immobilizing Phosphopeptides and Phosphate-Tagged Proteins. Langmuir, 2016, 32, 5480-5490. | 3.5 | 2 |
| 110 | Light-Switchable Exchange-Coupled Magnet. ACS Applied Electronic Materials, 2019, 1, 2471-2475. | 4.3 | 2 |
| 111 | High-pressure behavior of heteroepitaxial coreâ€“shell particles made of Prussian blue analogs. Journal of Applied Physics, 2021, 129, 235106. | 2.5 | 2 |
| 112 | Sub-micrometer particle size effects on metastable phases for a photoswitchable Coâ€“Fe Prussian blue analog. Journal of Applied Physics, 2022, 131, 085110. | 2.5 | 2 |
| 113 | Magnetic Langmuir-Blodgett Films. , 0, , 457-484. | | 1 |
| 114 | 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 |
| 115 | Organic/Inorganic Langmuir-Blodgeti Films Based on Metal Phosphonates. Materials Research Society Symposia Proceedings, 1997, 488, 461. | 0.1 | 0 |
| 116 | Metal Cyanide Networks Formed at an Air-Water Interface: Structure and Magnetic Properties. Materials Research Society Symposia Proceedings, 2000, 658, 521. | 0.1 | 0 |
| 117 | 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 |
| 118 | Calcium Oxalate Monohydrate Precipitation at Phospholipid Monolayer Phase Boundaries. Materials Research Society Symposia Proceedings, 2004, 823, W4.14.1. | 0.1 | 0 |