

Dirk G Kurth

List of Publications by Year in descending order

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163
papers

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30070

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Directing Self-Assembly of Nanoparticles at Water/Oil Interfaces. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5639-5642.	13.8	418
2	Metallosupramolecular Polyelectrolytes Self-Assembled from Various Pyridine Ring-Substituted Bisterpyridines and Metal Ions: Photophysical, Electrochemical, and Electrochromic Properties. <i>Journal of the American Chemical Society</i> , 2008, 130, 2073-2081.	13.7	323
3	Magnetic Colloidosomes Derived from Nanoparticle Interfacial Self-Assembly. <i>Nano Letters</i> , 2005, 5, 949-952.	9.1	264
4	Toward Nanodevices: Synthesis and Characterization of the Nanoporous Surfactant-Encapsulated Keplerate (DODA) ₄₀ (NH ₄) ₂ [(H ₂ O) _n Mo ₁₃₂ O ₃₇₂ (CH ₃ COO) ₃₀ (H ₂ O) ₇₂]. <i>Journal of the American Chemical Society</i> , 2000, 122, 1995-1998.	13.7	241
5	Surfactant-Encapsulated Clusters (SECs): (DODA) ₂₀ (NH ₄)[H ₃ Mo ₅₇ V ₆ (NO) ₆ O ₁₈₃ (H ₂ O) ₁₈], a Case Study. <i>Chemistry - A European Journal</i> , 2000, 6, 385-393.	3.3	237
6	The Structure of Self-Assembled Multilayers with Polyoxometalate Nanoclusters. <i>Journal of the American Chemical Society</i> , 2002, 124, 12279-12287.	13.7	231
7	Metallo-Supramolecular Polymers Based on Functionalized Bis-terpyridines as Novel Electrochromic Materials. <i>Advanced Materials</i> , 2007, 19, 3928-3931.	21.0	227
8	Surface reactions on thin layers of silane coupling agents. <i>Langmuir</i> , 1993, 9, 2965-2973.	3.5	225
9	Metallosupramolecular Thin Polyelectrolyte Films. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 2891-2893.	13.8	182
10	Transition metal ions: weak links for strong polymers. <i>Soft Matter</i> , 2006, 2, 915.	2.7	181
11	Nanocarbon Superhydrophobic Surfaces created from Fullerene-Based Hierarchical Supramolecular Assemblies. <i>Advanced Materials</i> , 2008, 20, 443-446.	21.0	165
12	Ultrathin Molybdenum Polyoxometalate~Polyelectrolyte Multilayer Films. <i>Langmuir</i> , 1998, 14, 3462-3465.	3.5	162
13	Hierarchical supramolecular fullerene architectures with controlled dimensionality. <i>Chemical Communications</i> , 2005, , 5982.	4.1	156
14	Polyoxometalate-Based Electro- and Photochromic Dual-Mode Devices. <i>Langmuir</i> , 2006, 22, 1949-1951.	3.5	147
15	Biologically inspired polyoxometalate~surfactant composite materials. Investigations on the structures of discrete, surfactant-encapsulated clusters, monolayers, and Langmuir~Blodgett films of (DODA) ₄₀ (NH ₄) ₂ [(H ₂ O) _n Mo ₁₃₂ O ₃₇₂ (CH ₃ CO) ₂] ₃₀ (H ₂ O) ₇₂]. <i>Dalton Transactions RSC</i> , 2000, , 3989-3998.	2.3	145
16	Organized Nanostructured Complexes of Polyoxometalates and Surfactants that Exhibit Photoluminescence and Electrochromism. <i>Advanced Functional Materials</i> , 2009, 19, 642-652.	14.9	141
17	Flower-Shaped Supramolecular Assemblies: Hierarchical Organization of a Fullerene Bearing Long Aliphatic Chains. <i>Small</i> , 2007, 3, 2019-2023.	10.0	134
18	Thin Films of (3-Aminopropyl)triethoxysilane on Aluminum Oxide and Gold Substrates. <i>Langmuir</i> , 1995, 11, 3061-3067.	3.5	131

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19	Soluble dynamic coordination polymers as a paradigm for materials science. <i>Coordination Chemistry Reviews</i> , 2008, 252, 199-211.	18.8	131
20	Inducing Spin Crossover in Metallo-supramolecular Polyelectrolytes through an Amphiphilic Phase Transition. <i>Journal of the American Chemical Society</i> , 2005, 127, 3110-3114.	13.7	129
21	Core-Shell Particles and Hollow Shells Containing Metallo-Supramolecular Components. <i>Chemistry of Materials</i> , 1999, 11, 3394-3399.	6.7	127
22	Synthesis of Copper Sulfide Nanorod Arrays on Molecular Templates. <i>Nano Letters</i> , 2004, 4, 249-252.	9.1	127
23	Ultrathin Composite Films Incorporating the Nanoporous Isopolyoxomolybdate α -Keplerate $(\text{NH}_4)_4\text{[Mo}_{13}\text{O}_{37}(\text{CH}_3\text{COO})_3(\text{H}_2\text{O})_7]$. <i>Chemistry of Materials</i> , 2000, 12, 2829-2831.	6.7	124
24	Electroactive Cytochrome c Multilayers within a Polyelectrolyte Assembly. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 4357-4360.	13.8	124
25	Perfectly Straight Nanowires of Fullerenes Bearing Long Alkyl Chains on Graphite. <i>Journal of the American Chemical Society</i> , 2006, 128, 6328-6329.	13.7	123
26	Structure and Properties of the Dendron-Encapsulated Polyoxometalate $(\text{C}_5\text{H}_6\text{ON}_2)_2[\text{Mn}(\text{H}_2\text{O})_3(\text{SbW}_9\text{O}_{33})_2]$, a First Generation Dendrzyme. <i>Journal of the American Chemical Society</i> , 2002, 124, 10489-10496.	13.7	120
27	A route to hierarchical materials based on complexes of metallosupramolecular polyelectrolytes and amphiphiles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 5704-5707.	7.1	119
28	Perfectly Straight Nanostructures of Metallosupramolecular Coordination-Polyelectrolyte Amphiphile Complexes on Graphite. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3681-3683.	13.8	108
29	Photoluminescent multilayer films based on polyoxometalates XRR spectrum of $\{(\text{PEI}/\text{PSS}/\text{PAH})(\text{EuP}_5\text{W}_3\text{O}/\text{PAH})_6\}$, UV-Vis spectrum of $\text{EuP}_5\text{W}_3\text{O}$ anion and AFM image of the top layer of $(\text{PEI}/\text{PSS}/\text{PAH})$. See http://www.rsc.org/suppdata/jm/b1/b108283c/ . <i>Journal of Materials Chemistry</i> , 2002, 12, 654-657.	6.7	100
30	Self-Assembly Made Durable: Water-Repellent Materials Formed by Cross-Linking Fullerene Derivatives. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2166-2170.	13.8	90
31	Electron Transport and Electrochemistry of Mesomorphic Fullerenes with Long-Range Ordered Lamellae. <i>Journal of the American Chemical Society</i> , 2008, 130, 9236-9237.	13.7	88
32	Diverse Synthesis of Novel Bisterpyridines via Suzuki-Type Cross-Coupling. <i>Organic Letters</i> , 2007, 9, 559-562.	4.6	87
33	Layer-by-Layer Arrangement by Protein-Protein Interaction of Sulfite Oxidase and Cytochrome <i>c</i> Catalyzing Oxidation of Sulfite. <i>Journal of the American Chemical Society</i> , 2008, 130, 1122-1123.	13.7	83
34	Superstructures and superhydrophobic property in hierarchical organized architectures of fullerenes bearing long alkyl tails. <i>Journal of Materials Chemistry</i> , 2010, 20, 1253-1260.	6.7	83
35	Directing Self-Assembly of Nanoparticles at Water/Oil Interfaces. <i>Angewandte Chemie</i> , 2004, 116, 5757-5760.	2.0	80
36	From coordination complexes to coordination polymers through self-assembly. <i>Current Opinion in Colloid and Interface Science</i> , 2009, 14, 81-93.	7.4	78

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37	Tuning the Structure and the Magnetic Properties of Metallo-supramolecular Polyelectrolyte-Amphiphile Complexes. <i>Journal of the American Chemical Society</i> , 2011, 133, 547-558.	13.7	78
38	Layer-by-Layer Self-assembly of a Polyelectrolyte Bearing Metal Ion Coordination and Electrostatic Functionality. <i>Chemistry of Materials</i> , 2003, 15, 196-203.	6.7	77
39	Self-assembly of electro-active protein architectures on electrodes for the construction of biomimetic signal chains. <i>Chemical Communications</i> , 2009, , 274-283.	4.1	77
40	Functional Polyoxometalate Thin Films via Electrostatic Layer-by-Layer Self-Assembly. <i>Journal of Cluster Science</i> , 2003, 14, 405-419.	3.3	75
41	Colloidally Stable Amphibious Nanocrystals Derived from Poly{[2-(dimethylamino)ethyl] Methacrylate} Capping. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1717-1720.	13.8	75
42	Preparation and nonlinear optical properties of ultrathin composite films containing both a polyoxometalate anion and a binuclear phthalocyanine. <i>New Journal of Chemistry</i> , 2002, 26, 782-786.	2.8	74
43	Effect of Surface Free Energy on PDMS Transfer in Microcontact Printing and Its Application to ToF-SIMS to Probe Surface Energies. <i>Langmuir</i> , 2009, 25, 5674-5683.	3.5	74
44	From Thiophene [2]Rotaxane to Polythiophene Polyrotaxane. <i>Journal of the American Chemical Society</i> , 2009, 131, 9158-9159.	13.7	72
45	A new Co(ii)-metalloviologen-based electrochromic material integrated in thin multilayer films. <i>Chemical Communications</i> , 2005, , 2119-2121.	4.1	70
46	Communication in a Protein Stack: Electron Transfer between Cytochrome <i>c</i> and Bilirubin Oxidase within a Polyelectrolyte Multilayer. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3000-3003.	13.8	69
47	Polyoxometalates as pH-sensitive probes in self-assembled multilayers. <i>Chemical Communications</i> , 2002, , 976-977.	4.1	65
48	Electrochemical functions of metallosupramolecular nanomaterials. <i>Chemical Record</i> , 2007, 7, 203-209.	5.8	65
49	Metallo-supramolecular modules as a paradigm for materials science. <i>Science and Technology of Advanced Materials</i> , 2008, 9, 014103.	6.1	61
50	Smart Polyoxometalate-Based Nitrogen Monoxide Sensors. <i>Analytical Chemistry</i> , 2004, 76, 4579-4582.	6.5	60
51	State-of-the-art electrochromic materials based on metallo-supramolecular polymers. <i>Solar Energy Materials and Solar Cells</i> , 2014, 126, 68-73.	6.2	59
52	In Situ Analysis of Metallosupramolecular Coordination Polyelectrolyte Films by Surface Plasmon Resonance Spectroscopy. <i>Langmuir</i> , 1999, 15, 4842-4846.	3.5	58
53	Liquid Crystalline Phase Transition Induces Spin Crossover in a Polyelectrolyte Amphiphile Complex. <i>Journal of the American Chemical Society</i> , 2009, 131, 2934-2941.	13.7	56
54	Spin-crossover phenomena in extended multi-component metallo-supramolecular assemblies. <i>Coordination Chemistry Reviews</i> , 2009, 253, 2414-2422.	18.8	55

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55	pH-Responsive Capsules Derived from Nanocrystal Templating. <i>Langmuir</i> , 2005, 21, 11495-11499.	3.5	54
56	Supramolecular Templates for Nanoflakeâ€“Metal Surfaces. <i>Chemistry - A European Journal</i> , 2009, 15, 2763-2767.	3.3	54
57	Electrochromic Solid-State Devices Using Organic-Metallic Hybrid Polymers. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2009, 19, 74-78.	3.7	52
58	A study of the effect of pyridine linkers on the viscosity and electrochromic properties of metallo-supramolecular coordination polymers. <i>Journal of Materials Chemistry C</i> , 2018, 6, 3310-3321.	5.5	51
59	Immobilization of Î€-Assembled Metallo-Supramolecular Arrays in Thin Films: From Crystal-Engineered Structures to Processable Materials. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3862-3865.	13.8	50
60	Luminescence properties of metallo-supramolecular coordination polymers assembled from pyridine ring functionalized ditopic bis-terpyridines and Ru(ii) ion. <i>Journal of Materials Chemistry</i> , 2008, 18, 4555.	6.7	50
61	Structure of a Liquid Crystalline Metallo-supramolecular Polyelectrolyteâ€“Amphiphile Complex at the Nanoscopic Level. <i>Langmuir</i> , 2003, 19, 4055-4057.	3.5	49
62	Green-to-Red Electrochromic Fe(II) Metallo-Supramolecular Polyelectrolytes Self-Assembled from Fluorescent 2,6-Bis(2-pyridyl)pyrimidine Bithiophene. <i>Inorganic Chemistry</i> , 2017, 56, 1418-1432.	4.0	48
63	A self-assembled cytochrome c/xanthine oxidase multilayer arrangement on gold. <i>Electrochimica Acta</i> , 2007, 53, 1107-1113.	5.2	47
64	Engineering the surface chemical properties of semiconductor nanoparticles: surfactant-encapsulated CdTe-clusters. <i>Chemical Communications</i> , 2000, , 949-950.	4.1	46
65	Carboxylic Acid-Doped SBA-15 Silica as a Host for Metallo-supramolecular Coordination Polymers. <i>Journal of Physical Chemistry B</i> , 2008, 112, 14637-14647.	2.6	46
66	Structure and Properties of Dynamic Rigid Rod-Like Metallo-Supramolecular Polyelectrolytes in Solution. <i>Macromolecules</i> , 2010, 43, 494-500.	4.8	44
67	The solid-state architecture of a metallosupramolecular polyelectrolyte. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 10202-10206.	7.1	43
68	The structure of metallo-supramolecular polyelectrolytes in solution and on surfaces. <i>Journal of Materials Chemistry</i> , 2010, 20, 4142.	6.7	41
69	Structural Analysis of a Metallo-supramolecular Polyelectrolyte-Amphiphile Complex at the Air/Water Interface. <i>Chemistry - A European Journal</i> , 2001, 7, 1646-1651.	3.3	40
70	Giant self-contained metallosupramolecular entities. <i>Chemical Communications</i> , 1999, , 1579-1580.	4.1	38
71	Optically Active Metallo-Supramolecular Polymers Derived from Chiral Bis-terpyridines. <i>Organic Letters</i> , 2009, 11, 3562-3565.	4.6	38
72	Directing supramolecular assemblies on surfaces. <i>Journal of Materials Chemistry</i> , 2008, 18, 2636.	6.7	37

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73	Photocatalytic Hydrogen Evolution Driven by a Heteroleptic Ruthenium(II) Bis(terpyridine) Complex. <i>Inorganic Chemistry</i> , 2019, 58, 9127-9134.	4.0	37
74	Metallo-supramolecular polyelectrolyte multilayers with cobalt(II): preparation and properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002, 198-200, 633-643.	4.7	36
75	Fully Extended Polyelectrolyte-Amphiphile Complexes Adsorbed on Graphite. <i>Journal of the American Chemical Society</i> , 2004, 126, 3696-3697.	13.7	35
76	Synthesis of π -conjugated, pyridine ring functionalized bis-terpyridines with efficient green, blue, and purple emission. <i>Tetrahedron</i> , 2008, 64, 9108-9116.	1.9	35
77	From terpyridine-based assemblies to metallo-supramolecular polyelectrolytes (MEPEs). <i>Advances in Colloid and Interface Science</i> , 2014, 207, 107-120.	14.7	35
78	Quantification of the Reactivity of 3-Aminopropyl-triethoxysilane Monolayers with the Quartz-Crystal Microbalance. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 336-338.	4.4	34
79	Title is missing!. <i>Angewandte Chemie</i> , 2002, 114, 3833-3835.	2.0	33
80	Filled Microcavity Arrays Produced by Polyelectrolyte Multilayer Membrane Transfer. <i>Advanced Materials</i> , 2005, 17, 1665-1669.	21.0	33
81	Controlled Permeability in Polyelectrolyte Films via Solvent Treatment. <i>Chemistry of Materials</i> , 2005, 17, 4992-4999.	6.7	32
82	Thin Films of Cross-Linked Metallo-Supramolecular Coordination Polyelectrolytes. <i>Langmuir</i> , 2007, 23, 12179-12184.	3.5	32
83	Optically Induced Band Shifts in Infrared Spectra of Mixed Self-assembled Monolayers of Biphenyl Thiols. <i>Langmuir</i> , 1999, 15, 5555-5559.	3.5	31
84	Synthesis of a Pyrene-Labeled Polyanion and Its Adsorption onto Polyelectrolyte Hollow Capsules Functionalized for Electron Transfer. <i>Chemistry of Materials</i> , 2004, 16, 570-573.	6.7	30
85	Preparation, characterization, and electrochromic properties of novel Co(II)-bis-2,2',6'-terpyridine metallo-supramolecular polymers. <i>Thin Solid Films</i> , 2008, 516, 2469-2473.	1.8	30
86	Alternating perpendicular 1-D channels in the supramolecular structure of the copper(II) complex [Cu(pyterpy) ₂](PF ₆) ₂ ·CH ₃ OH·0.5 CH ₂ Cl ₂ (pyterpy=4-(4-(2-pyridyl))-2,2',6'-terpyridine). <i>Inorganic Chemistry Communications</i> , 2005, 8, 281-284.	1.9	30
87	Structure and Temperature Behavior of Metallo-supramolecular Assemblies. <i>Journal of Physical Chemistry B</i> , 2005, 109, 12795-12799.	2.6	29
88	Fluorescent Fe(II) metallo-supramolecular polymers: metal-ion-directed self-assembly of new bisterpyridines containing triethylene glycol chains. <i>Polymer Journal</i> , 2010, 42, 336-341.	2.7	28
89	Covalent Attachment of Nickel Clusters to Gold Electrode Surfaces. Formation of Rectifying Molecular Layers. <i>Langmuir</i> , 1996, 12, 3075-3081.	3.5	27
90	Nanosopic Structure of a Metallo-supramolecular Polyelectrolyte-Amphiphile Complex, Elucidated by X-ray Scattering and Molecular Modeling. <i>ChemPhysChem</i> , 2003, 4, 1095-1100.	2.1	26

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91	Langmuir and Langmuir-Blodgett Films of Metallosupramolecular Polyelectrolyte-Amphiphile Complexes. <i>Langmuir</i> , 2005, 21, 5901-5906.	3.5	26
92	Laser-embossing nanoparticles into a polymeric film. <i>Applied Physics Letters</i> , 2009, 94, 093106.	3.3	26
93	Kinetic Studies of the Coordination of Mono- and Ditopic Ligands with First Row Transition Metal Ions. <i>Inorganic Chemistry</i> , 2016, 55, 2565-2573.	4.0	26
94	Two Series of Lanthanide Coordination Polymers and Complexes with 4-Phenylterpyridine and their Luminescence Properties. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4564-4571.	2.0	26
95	Thiophene Donor-Acceptor [2]Rotaxanes. <i>Organic Letters</i> , 2008, 10, 2215-2218.	4.6	23
96	Detailed Study of Layer-by-Layer Self-Assembled and Dip-Coated Electrochromic Thin Films Based on Metallo-Supramolecular Polymers. <i>Langmuir</i> , 2014, 30, 10721-10727.	3.5	23
97	In operando XAFS experiments on flexible electrochromic devices based on Fe(II)-metallo-supramolecular polyelectrolytes and vanadium oxide. <i>Solar Energy Materials and Solar Cells</i> , 2016, 147, 61-67.	6.2	22
98	Deposition and Aggregation of Aspirin Molecules on a Phospholipid Bilayer Pattern. <i>Langmuir</i> , 2005, 21, 578-585.	3.5	21
99	Electrorheological Fluids Based on Metallo-Supramolecular Polyelectrolyte-Silicate Composites. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 4031-4034.	8.0	21
100	Photocatalytic activity of oxide coatings on fired clay substrates. <i>Journal of the European Ceramic Society</i> , 2009, 29, 565-570.	5.7	20
101	2D Structure of Unsaturated Fatty Acid Amide Mono- and Multilayer on Graphite: Self-Assembly and Thermal Behavior. <i>Chemistry of Materials</i> , 2007, 19, 4259-4262.	6.7	19
102	Enhancing the photophysical properties of Ru(II) complexes by specific design of tridentate ligands. <i>Coordination Chemistry Reviews</i> , 2021, 446, 214127.	18.8	19
103	Temperature- and time-resolved X-ray scattering at thin organic films. <i>Journal of Synchrotron Radiation</i> , 2002, 9, 206-209.	2.4	18
104	2-Substituted Terthiophene [2]Rotaxanes. <i>Chemistry - A European Journal</i> , 2009, 15, 4906-4913.	3.3	17
105	A Small Cavity with Reactive Internal Shell Atoms Spanned by Four {As(W/V)9}-Type Building Blocks Allows Host-Guest Chemistry under Confined Conditions. <i>Chemistry - A European Journal</i> , 2005, 11, 5849-5854.	3.3	16
106	Surface Attachment and Stability of Cross-Linked Poly(ethylenimine)-Epoxy Networks on Gold. <i>Chemistry of Materials</i> , 1994, 6, 2143-2150.	6.7	15
107	Metallosupramolecular Coordination Polyelectrolytes. <i>Annals of the New York Academy of Sciences</i> , 2002, 960, 29-38.	3.8	15
108	Syntheses of novel bis-terpyridine and cyclic phenylazomethine as organic modules in organo-metallic hybrid materials. <i>Thin Solid Films</i> , 2008, 516, 2416-2420.	1.8	15

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109	Self-Assembly of S-Layer-Enveloped Cytochrome c Polyelectrolyte Multilayers. <i>Langmuir</i> , 2008, 24, 8779-8784.	3.5	15
110	Nanocomposites Derived from Montmorillonite and Metallosupramolecular Polyelectrolytes: Modular Compounds for Electrorheological Fluids. <i>Langmuir</i> , 2013, 29, 1743-1747.	3.5	15
111	Fabricating Electrochromic Thin Films Based on Metallo-Polymers Using Layer-by-Layer Self-Assembly: An Attractive Laboratory Experiment. <i>Journal of Chemical Education</i> , 2015, 92, 364-367.	2.3	15
112	Sequential Metal Ion Assembly in Cyclic Phenylazomethine. <i>Organic Letters</i> , 2006, 8, 4723-4726.	4.6	14
113	Spin- and Redox-Induced Structural Rearrangement in supramolekularen Strukturen. <i>Speicherbausteine von morgen? Chemie in Unserer Zeit</i> , 2008, 42, 256-263.	0.1	14
114	Organization of spin- and redox-labile metal centers into Langmuir and Langmuir-Blodgett films. <i>Dalton Transactions</i> , 2010, 39, 4508.	3.3	14
115	Thermally induced structural rearrangement of the Fe(II) coordination geometry in metallo-supramolecular polyelectrolytes. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 19694-19701.	2.8	14
116	Substituted 2,4-Di(pyridin-2-yl)pyrimidine-Based Ruthenium Photosensitizers for Hydrogen Photoevolution under Red Light. <i>Inorganic Chemistry</i> , 2021, 60, 292-302.	4.0	14
117	Metallosupramolecular Chemistry in Two Dimensions. <i>Supramolecular Chemistry</i> , 2003, 15, 549-555.	1.2	13
118	Self-Assembly of a Metallosupramolecular Coordination Polyelectrolyte in the Pores of SBA-15 and MCM-41 Silica. <i>Langmuir</i> , 2005, 21, 7501-7506.	3.5	13
119	Supramolecular Shape Shifter: Polymorphs of Self-Organized Fullerene Assemblies. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 550-556.	0.9	13
120	Tailoring length and viscosity of dynamic metallo-supramolecular polymers in solution. <i>RSC Advances</i> , 2016, 6, 15441-15450.	3.6	13
121	Negative Dipole Potentials of Uncharged Langmuir Monolayers Due to Fluorination of the Hydrophilic Heads. <i>Journal of Physical Chemistry B</i> , 2005, 109, 14102-14111.	2.6	12
122	Cavitation in two-dimensional metallo-supramolecular coordination polyelectrolyte amphiphile complexes. <i>Journal of Chemical Physics</i> , 2001, 115, 9923-9928.	3.0	10
123	Nanometer-Sized Molybdenum-Iron Oxide Capsule-Surface Modifications: External and Internal. <i>Small</i> , 2007, 3, 986-992.	10.0	10
124	Layer-by-layer self-assembly of a metallo-supramolecular coordination polyelectrolyte studied by infrared spectroscopy, microgravimetry, and X-ray reflectance. <i>Macromolecular Symposia</i> , 2001, 164, 167-180.	0.7	9
125	Synthesis, structure and reactivity of the homoleptic iron(II) complex of the novel 4-(2-(pyridyl-N-oxide)-2,6-dipyridyl)-2,2',6'-terpyridine ligand. <i>Inorganica Chimica Acta</i> , 2005, 358, 3384-3390.	2.4	9
126	Colloidally Stable Amphibious Nanocrystals Derived from Poly{[2-(dimethylamino)ethyl] Methacrylate} Capping. <i>Angewandte Chemie</i> , 2005, 117, 1745-1748.	2.0	9

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127	Transition metal catalysed C-C-coupling reactions of 3,3,3-trifluoropropene. <i>Journal of Fluorine Chemistry</i> , 1990, 48, 229-237.	1.7	8
128	Analysis of Artifacts in Infrared Spectroscopy of Thin Organic Films on Metallic Substrates. <i>Langmuir</i> , 1998, 14, 6987-6991.	3.5	8
129	Metal Ion Assembly in Macromolecules. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 1533-1551.	0.9	8
130	The Kinetics of Growth of Metallo-supramolecular Polyelectrolytes in Solution. <i>Chemistry - A European Journal</i> , 2018, 24, 2898-2912.	3.3	8
131	V-Shaped Crystalline Structures of Di-n-alkyl Esters of Phosphoric Acid. <i>Langmuir</i> , 2006, 22, 5856-5861.	3.5	7
132	Isolated and Linear Arrays of Surfactant-Encapsulated Polyoxometalate Clusters on Graphite. <i>Langmuir</i> , 2008, 24, 2767-2771.	3.5	7
133	Similarities of Coordination Polymer and Dimeric Complex of Europium(III) with Joint and Separate Terpyridine and Benzoate. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020, 646, 1710-1714.	1.2	7
134	Structural diversity of salts of terpyridine derivatives with europium(III) located in both, cation and anion, in comparison to molecular complexes. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2020, 235, 353-363.	0.8	7
135	Self-Sorting of Polyelectrolyte-Amphiphile Complexes on a Graphite Surface. <i>Macromolecules</i> , 2007, 40, 5182-5186.	4.8	6
136	Molecular recognition in functional materials at solid interfaces. <i>Current Opinion in Colloid and Interface Science</i> , 2008, 13, 86-95.	7.4	6
137	X-Ray Near-Edge Absorption Study of Temperature-Induced Low-Spin-to-High-Spin Change in Metallo-supramolecular Assemblies. <i>ChemPhysChem</i> , 2011, 12, 405-410.	2.1	6
138	Intercalation of Nickel(II) and Iron(II) Metallo-supramolecular Polyelectrolytes in Montmorillonite: Nanocomposites and their Electrorheological Properties. <i>ChemNanoMat</i> , 2015, 1, 489-496.	2.8	6
139	Growth on Metallo-Supramolecular Coordination Polyelectrolyte (MEPE) Stimulates Osteogenic Differentiation of Human Osteosarcoma Cells (MG63) and Human Bone Marrow Derived Mesenchymal Stem Cells. <i>Polymers</i> , 2019, 11, 1090.	4.5	6
140	Synthesis of Tetrathiafulvalene-Functionalized Organic-Metal Hybrid Polymer. <i>Transactions of the Materials Research Society of Japan</i> , 2008, 33, 403-405.	0.2	6
141	Inclusion complexation of cyclobis(paraquat-p-phenylene) with thiophene, bithiophene and terthiophene. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2009, 64, 299-303.	1.6	5
142	One-Step Formation of Straight Nanostripes from a Mammal Lipid-Oleamide Directly on Highly Oriented Pyrolytic Graphite. <i>Langmuir</i> , 2009, 25, 2290-2293.	3.5	5
143	A Facile Route to Bis(pyridyl-1,3,5-triazine) Ligands with Fluorescing Properties. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 2366-2373.	2.4	5
144	Functional modules: Metal ion assembly in novel topological poly(phenylazomethine)s. <i>Thin Solid Films</i> , 2006, 499, 234-241.	1.8	4

#	ARTICLE	IF	CITATIONS
145	Towards local deposition of particles by electrophoresis in dc electric fields in polar and nonpolar media and mixtures thereof. <i>Ceramics International</i> , 2020, 46, 17857-17866.	4.8	4
146	A polyelectrolyte bearing metal ion receptors and electrostatic functionality for layer-by-layer self-assembly. <i>Macromolecular Symposia</i> , 2004, 210, 311-319.	0.7	3
147	Molecular magnetism in thin metallo-supramolecular films: A combined neutron and soft x-ray reflectometry study. <i>Superlattices and Microstructures</i> , 2007, 41, 138-145.	3.1	3
148	Phosphorescence Afterglow and Thermal Properties of [ScCl ₃ (ptpy)] (ptpy: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (1.2	3
149	Electrochemical and Photophysical Study of Homoleptic and Heteroleptic Methylated Ru(II) Bis-terpyridine Complexes. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 2822-2829.	2.0	3
150	Self-Assembly of Amphiphilic Hexapyridinium Cations at the Air/Water Interface and on HOPG Surfaces. <i>ChemPhysChem</i> , 2007, 8, 2354-2362.	2.1	2
151	Growth and Differentiation of Myoblastic Precursor Cells on Thin Films of Metallo-Supramolecular Coordination Polyelectrolyte (MEPE). <i>Advanced Materials Interfaces</i> , 2017, 4, 1600272.	3.7	2
152	Rapid Spectrometer-Free Luminescence-Based Detection of Tb ³⁺ and Eu ³⁺ in Aqueous Solution for Recovery and Urban Mining. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 5101-5109.	6.7	2
153	Quantifizierung der Reaktivität von 3-Aminopropyltriethoxysilan-Monoschichten mit der Quarzmikrowaage. <i>Angewandte Chemie</i> , 1992, 104, 323-325.	2.0	1
154	Polyoxometalate Clusters in a Supramolecular Self-Organized Environment: Steps Towards Functional Nanodevices and Thin Film Applications. , 2001, , 301-318.		1
155	Dinuclear 2,4-di(pyridin-2-yl)-pyrimidine based ruthenium photosensitizers for hydrogen photo-evolution under red light. <i>Dalton Transactions</i> , 2021, 50, 16528-16538.	3.3	1
156	Synthesis of Novel Bis(terpyridyl)benzene Derivatives as Organic Modules in Organic-Metallic Hybrid Polymers. <i>Transactions of the Materials Research Society of Japan</i> , 2007, 32, 425-428.	0.2	1
157	The crystal structure of the triclinic polymorph of 1,4-bis([2,2',6',2''-terpyridin]-4-yl)benzene. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 1947-1951.	0.5	1
158	Immobilization of pi-Assembled Metallo-Supramolecular Arrays in Thin Films: From Crystal-Engineered Structures to Processable Materials We thank the Deutsche Forschungsgemeinschaft (H.K.), the Leverhulme Trust (J.M.H.), EPSRC (P.R.B), and the British-German Academic Research Collaboration Programme (British Council/DAAD) for financial support of this research, the Swansea EPSRC National Mass Spectrometry Service Centre for recording the mass spectra, and Professor H.	13.8	1
159	MÄrhwald for valuable discussions.. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3862-3865. Metallosupramolecular coordination polyelectrolytes: potential building blocks for molecular-based devices. <i>Annals of the New York Academy of Sciences</i> , 2002, 960, 29-38.	3.8	1
160	Modular materials synthesis: from structure to function. , 2005, , .		0
161	Modulare Polymere in Farbe. <i>Nachrichten Aus Der Chemie</i> , 2018, 66, 725-728.	0.0	0
162	Preferential Synthesis of Cyclic Phenylazomethines and Their Redox Behavior. <i>Transactions of the Materials Research Society of Japan</i> , 2007, 32, 759-762.	0.2	0

#	ARTICLE	IF	CITATIONS
163	Synthesis of Organic-Metallic Hybrid Polymers Using Novel Bis-terpyridines Bearing Alkoxy Chains. Transactions of the Materials Research Society of Japan, 2007, 32, 763-766.	0.2	0