Catherine E Housecroft

List of Publications by Year
in descending order

541 papers	13,398 citations	56 h-index (30551)	80 g-index (71088)
557 all docs	557 docs citations	557 times ranked	9146 citing authors

#	Article	IF	Citations
1	TADF: Enabling luminescent copper(<scp>i</scp>) coordination compounds for light-emitting electrochemical cells. Journal of Materials Chemistry C, 2022, 10, 4456-4482.	2.7	66
2	Solar energy conversion using first row d-block metal coordination compound sensitizers and redox mediators. Chemical Science, 2022, 13, 1225-1262.	3.7	35
3	Stars and stripes: hexatopic tris(3,2â€²:6â€²,3â€²â€²-terpyridine) ligands that unexpectedly form one-dimensional coordination polymers. CrystEngComm, 2022, 24, 491-503.	1.3	2
4	The surprising effects of sulfur: achieving long excited-state lifetimes in heteroleptic copper(<scp>i</scp>) emitters. Journal of Materials Chemistry C, 2022, 10, 3089-3102.	2.7	10
5	Attraction in Action: Reduction of Water to Dihydrogen Using Surface-Functionalized TiO2 Nanoparticles. Nanomaterials, 2022, 12, 789.	1.9	2
6	Positive Cooperativity Induced by Interstrand Interactions in Silver(I) Complexes with Î±,Î±â€²â€Diimine Ligands. Chemistry - A European Journal, 2022, 28, .	1.7	3
7	Versatility within (4,4) networks assembled from 1,4-bis(n-alkyloxy)-2,5-bis(3,2â€²:6â€²,3â€²'-terpyridin-4â€²-yl)benzene and [Cu(hfacac)2] (HfacacÂ=Â1,1,1,5,5,5-hexafluoropentane-2,4-dione). Polyhedron, 2022, 224, 116005.	1.0	4
8	Borane and Carbaborane Clusters Meet Coordination Polymers and Networks: In the Hole or in the Backbone?. Structure and Bonding, 2021, , 1.	1.0	0
9	Turning over on sticky balls: preparation and catalytic studies of surface-functionalized TiO₂ nanoparticles. RSC Advances, 2021, 11, 5537-5547.	1.7	4
10	Manipulating the Conformation of 3,2â€²:6â€²,3â€³-Terpyridine in [Cu2(Î¼-OAc)4(3,2â€²:6â€²,3â€³-tpy)]n 1D-Polymers. Chemistry, 2021, 3, 182-198.	0.9	8
11	Heteroleptic [Cu(P^P)(N^N)][PF6] Complexes: Effects of Isomer Switching from 2,2â€²-biquinoline to 1,1â€²-biisoquinoline. Crystals, 2021, 11, 185.	1.0	5
12	Modeling Enhanced Performances by Optical Nanostructures in Water-Splitting Photoelectrodes. Journal of Physical Chemistry C, 2021, 125, 7010-7021.	1.5	3
13	1,4-Dibromo-2,5-bis(phenylalkoxy)benzene Derivatives: Câ€“Br...Ï€(arene) Versus Câ€“H...Br and Br...Br Interactions in the Solid State. Crystals, 2021, 11, 325.	1.0	2
14	1,1â€²-Biisoquinolinesâ€”Neglected Ligands in the Heterocyclic Diimine Family That Provoke Stereochemical Reflections. Molecules, 2021, 26, 1584.	1.7	8
15	Coordination-Driven Monolayer-to-Bilayer Transition in Two-Dimensional Metalâ€“Organic Networks. Journal of Physical Chemistry B, 2021, 125, 4204-4211.	1.2	1
16	Supramolecular Chemistry in the 3rd Millennium. Chemistry, 2021, 3, 509-510.	0.9	3
17	Isomers of Terpyridine as Ligands in Coordination Polymers and Networks Containing Zinc(II) and Cadmium(II). Molecules, 2021, 26, 3110.	1.7	12
18	Electrolyte Tuning in Iron(II)-Based Dye-Sensitized Solar Cells: Different Ionic Liquids and I2 Concentrations. Materials, 2021, 14, 3053.	1.3	12

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19	SCNAT Platform Chemistry. Chimia, 2021, 75, 559-560.	0.3	0
20	Isomeric 4,2â€²:6â€²,4â€³- and 3,2â€²:6â€²,3â€³-Terpyridines with Isomeric 4â€²-Trifluoromethylphenyl Substituents: Effects on the Assembly of Coordination Polymers with [Cu(hfacac)2] (Hhfacac =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 69 Td (Hexafluoropen	1.2	5
21	Memorial Issue Dedicated to Dr. Howard D. Flack: The Man behind the Flack Parameter. Chemistry, 2021, 3, 818-820.	0.9	0
22	Coordination Polymers and Metal-Organic Frameworks: Structures and Applicationsâ€"A Themed Issue in Honor of Professor Christoph Janiak on the Occasion of His 60th Birthday. Chemistry, 2021, 3, 831-833.	0.9	0
23	Coordination networks assembled from Co(NCS)2 and 4â€²-[4-(naphthalen-1-yl)phenyl]-3,2â€²:6â€²,3â€³-terpyridine: Role of lattice solvents. Polyhedron, 2021, 208, 115445.	1.0	1
24	Desymmetrizing Heteroleptic [Cu(P^P)(N^N)][PF6] Compounds: Effects on Structural and Photophysical Properties, and Solution Dynamic Behavior. Molecules, 2021, 26, 125.	1.7	9
25	The influence of alkyl chains on the performance of DSCs employing iron(<scp>ii</scp>) N-heterocyclic carbene sensitizers. Dalton Transactions, 2021, 50, 16961-16969.	1.6	7
26	Adapting (4,4) Networks through Substituent Effects and Conformationally Flexible 3,2â€™:6â€™,3â€•Terpyridines. Molecules, 2021, 26, 6337.	1.7	2
27	A counterion study of a series of [Cu(P^P)(N^N)][A] compounds with bis(phosphane) and 6-methyl and 6,6â€²-dimethyl-substituted 2,2â€²-bipyridine ligands for light-emitting electrochemical cells. Dalton Transactions, 2021, 50, 17920-17934.	1.6	17
28	What Goes in Must Come out: The Story of Uric Acid. Chimia, 2021, 75, 891-893.	0.3	0
29	Brushing the surface: cascade reactions between immobilized nanoreactors. Nanoscale, 2020, 12, 1551-1562.	2.8	14
30	Porphyrin Containing Polymersomes with Enhanced ROS Generation Efficiency: In Vitro Evaluation. Macromolecular Bioscience, 2020, 20, e1900291.	2.1	5
31	Plant Toxins: Poison or Therapeutic?. Chimia, 2020, 74, 421.	0.3	0
32	â€˜Simpleâ€™ Oligopyridine Complexes â€" Sources of Unexpected Structural Diversity. Australian Journal of Chemistry, 2020, 73, 390.	0.5	12
33	Switching the Conformation of 3,2â€²:6â€²,3â€³-tpy Domains in 4â€²-(4-n-Alkyloxyphenyl)-3,2â€²:6â€²,3â€³-Terpyridines. Molecules, 2020, 25, 3162.	1.7	8
34	The terpyridine isomer game: from chelate to coordination network building block. Chemical Communications, 2020, 56, 10786-10794.	2.2	32
35	Straight Versus Branched Chain Substituents in 4â€²-(Butoxyphenyl)-3,2â€²:6â€²,3â€³-terpyridines: Effects on (4,4) Coordination Network Assemblies. Polymers, 2020, 12, 1823.	2.0	3
36	Halide Ion Embraces in Tris(2,2â€²-bipyridine)metal Complexes. Crystals, 2020, 10, 671.	1.0	6

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37	When Stereochemistry Raised Its Ugly Head in Coordination Chemistryâ€"An Appreciation of Howard Flack. Chemistry, 2020, 2, 759-776.	0.9	7
38	Before Radicals Were Free â€“ the Radical Particulier of de Morveau. Chemistry, 2020, 2, 293-304.	0.9	4
39	Chemical Bonding: The Journey from Miniature Hooks to Density Functional Theory. Molecules, 2020, 25, 2623.	1.7	11
40	The shiny side of copper: bringing copper(<scp>i</scp>) light-emitting electrochemical cells closer to application. RSC Advances, 2020, 10, 22631-22644.	1.7	18
41	Transferring photocatalytic CO₂ reduction mediated by Cu(N^N)(P^P)⁺ complexes from organic solvents into ionic liquid media. Green Chemistry, 2020, 22, 4541-4549.	4.6	12
42	Chimera Diimine Ligands in Emissive [Cu(P^P)(N^N)][PF6] Complexes. Inorganics, 2020, 8, 33.	1.2	6
43	Positional Isomerism in the N^N Ligand: How Much Difference Does a Methyl Group Make in [Cu(P^P)(N^N)]+ Complexes?. Molecules, 2020, 25, 2760.	1.7	8
44	Intra-Cation versus Inter-Cation Ï€-Contacts in [Cu(P^P)(N^N)][PF6] Complexes. Crystals, 2020, 10, 1.	1.0	31
45	Schiff Base Ancillary Ligands in Bis(diimine) Copper(I) Dye-Sensitized Solar Cells. International Journal of Molecular Sciences, 2020, 21, 1735.	1.8	10
46	Remote Modification of Bidentate Phosphane Ligands Controlling the Photonic Properties in Their Complexes: Enhanced Performance of [Cu(RNâ€xantphos)(N ^ N)][PF 6] in Lightâ€Emitting Electrochemical Cells. Advanced Optical Materials, 2020, 8, 1901689.	3.6	12
47	The SALSAC approach: comparing the reactivity of solvent-dispersed nanoparticles with nanoparticulate surfaces. Nanoscale Advances, 2020, 2, 679-690.	2.2	6
48	Are Alkynyl Spacers in Ancillary Ligands in Heteroleptic Bis(diimine)copper(I) Dyes Beneficial for Dye Performance in Dye-Sensitized Solar Cells?. Molecules, 2020, 25, 1528.	1.7	15
49	The Role of Percent Volume Buried in the Characterization of Copper(I) Complexes for Lighting Purposes. Molecules, 2020, 25, 2647.	1.7	13
50	Single and Double-Stranded 1D-Coordination Polymers with 4â€²-(4-Alkyloxyphenyl)-3,2â€²:6â€²,3â€³-terpyridines and {Cu2(Î¼-OAc)4} or {Cu4(Î¼3-OH)2(Î¼-OAc)2(Î¼3-OAc)2(AcO-ÎºO)2} Motifs. Polymers, 2020, 12, 318.	2.0	12
51	Extended Ï€-Systems in Diimine Ligands in [Cu(P^P)(N^N)][PF6] Complexes: From 2,2â€²-Bipyridine to 2-(Pyridin-2-yl)Quinoline. Crystals, 2020, 10, 255.	1.0	20
52	How Reproducible are Electrochemical Impedance Spectroscopic Data for Dye-Sensitized Solar Cells?. Materials, 2020, 13, 1547.	1.3	6
53	Directing 2D-Coordination Networks: Combined Effects of a Conformationally Flexible 3,2â€²:6â€²,3â€³-Terpyridine and Chain Length Variation in 4â€²-(4-n-Alkyloxyphenyl) Substituents. Molecules, 2020, 25, 1663.	1.7	8
54	Silicates, Aluminosilicates and Biogenic Silica. Chimia, 2020, 74, 1022-1023.	0.3	1

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55	Heteroleptic [Cu(P^P)(N^N)][PF6] Compounds with Isomeric Dibromo-1,10-Phenanthroline Ligands. Inorganics, 2020, 8, 4.	1.2	9
56	Ice and Beyond: Tetrahedral Building Blocks in Crystals. Chimia, 2020, 74, 735.	0.3	2
57	Ditopic and Tetratopic 4,2':6',4''-Terpyridines as Structural Motifs in 2D- and 3D-Coordination Assemblies. Chimia, 2019, 73, 462.	0.3	14
58	Competition in Coordination Assemblies: 1D-Coordination Polymer or 2D-Nets Based on Co(NCS)2 and 4â€²-(4-methoxyphenyl)-3,2â€²:6â€²,3â€³-terpyridine. Polymers, 2019, 11, 1224.	2.0	12
59	The central role of the d-block metals in the periodic table. Dalton Transactions, 2019, 48, 9405-9407.	1.6	2
60	The Early Years of 2,2â€™-Bipyridineâ€”A Ligand in Its Own Lifetime. Molecules, 2019, 24, 3951.	1.7	87
61	The Colour Violet: Chemistry or Physics?. Chimia, 2019, 73, 760-762.	0.3	0
62	Trinodal Self-Penetrating Nets from Reactions of 1,4-Bis(alkoxy)-2,5-bis(3,2â€™:6â€™,3â€™â€™-terpyridin-4â€™-yl)benzene Ligands with Cobalt(II) Thiocyanate. Crystals, 2019, 9, 529.	1.0	6
63	Softening the Donor-Set: From [Cu(P^P)(N^N)][PF6] to [Cu(P^P)(N^S)][PF6]. Inorganics, 2019, 7, 11.	1.2	3
64	Phosphane tuning in heteroleptic [Cu(N^N)(P^P)]⁺complexes for light-emitting electrochemical cells. Dalton Transactions, 2019, 48, 446-460.	1.6	44
65	Synthesis of Terpyridines: Simple Reactionsâ€”What Could Possibly Go Wrong?. Molecules, 2019, 24, 1799.	1.7	16
66	Comparing a porphyrin- and a coumarin-based dye adsorbed on NiO(001). Beilstein Journal of Nanotechnology, 2019, 10, 874-881.	1.5	4
67	[Cu(POP)(N^S)][PF₆] and [Cu(xantphos)(N^S)][PF₆] compounds with 2-(thiophen-2-yl)pyridines. RSC Advances, 2019, 9, 13646-13657.	1.7	11
68	Heteroatom substitution effects in spin crossover dinuclear complexes. Dalton Transactions, 2019, 48, 7337-7343.	1.6	5
69	Substituent Effects in the Crystal Packing of Derivatives of 4â€²-Phenyl-2,2â€²:6â€²,2â€³-Terpyridine. Crystals, 2019, 9, 110.	1.0	3
70	Hinged and Wide: A New P^P Ligand for Emissive [Cu(P^P)(N^N)][PF6] Complexes. Molecules, 2019, 24, 3934.	1.7	10
71	There Is a Future for N-Heterocyclic Carbene Iron(II) Dyes in Dye-Sensitized Solar Cells: Improving Performance through Changes in the Electrolyte. Materials, 2019, 12, 4181.	1.3	9
72	The Sting's the Thing. Chimia, 2019, 73, 1037-1038.	0.3	1

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73	Non-immunological toxicological mechanisms of metamizole-associated neutropenia in HL60 cells. Biochemical Pharmacology, 2019, 163, 345-356.	2.0	14
74	Cuprophilia: Dye-sensitized solar cells with copper(I) dyes and copper(I)/(II) redox shuttles. Dyes and Pigments, 2018, 156, 410-416.	2.0	40
75	Copper(I) and silver(I) complexes of 9,9-dimethyl-4,5-bis(di-tert-butylphosphino)xanthene: photophysical properties and structural rigidity under pressure. Photochemical and Photobiological Sciences, 2018, 17, 375-385.	1.6	24
76	The influence of phosphonic acid protonation state on the efficiency of bis(diimine)copper(<scp>i</scp>) dye-sensitized solar cells. Sustainable Energy and Fuels, 2018, 2, 786-794.	2.5	11
77	CF₃ Substitution of [Cu(P^P)(bpy)][PF₆] Complexes: Effects on Photophysical Properties and Lightâ€Emitting Electrochemical Cell Performance. ChemPlusChem, 2018, 83, 217-229.	1.3	45
78	The Different Faces of 4â€²-Pyrimidinyl-Functionalized 4,2â€²:6â€²,4â€²â€²-Terpyridines: Metalâ€“Organic Assemblies from Solution and on Au(111) and Cu(111) Surface Platforms. Journal of the American Chemical Society, 2018, 140, 2933-2939.	6.6	13
79	Self-assembly of heteroleptic dinuclear silver(i) complexes bridged by bis(diphenylphosphino)ethyne. Dalton Transactions, 2018, 47, 946-957.	1.6	5
80	Refining the anchor: Optimizing the performance of cyclometallated ruthenium(II) dyes in p-type dye sensitized solar cells. Polyhedron, 2018, 140, 122-128.	1.0	6
81	CF3 Substitution of [Cu(P^P)(bpy)][PF6] Complexes: Effectsâ€‰on Photophysical Properties and Light-Emitting Electrochemical Cell Performance. ChemPlusChem, 2018, 83, 143-143.	1.3	2
82	Tetratopic bis(4,2â€²:6â€²,4â€²â€²-terpyridine) and bis(3,2â€²:6â€²,3â€²â€²-terpyridine) Ligands as 4-Connecting Nodes in 2D-Coordination Networks and 3D-Frameworks. Journal of Inorganic and Organometallic Polymers and Materials, 2018, 28, 414-427.	1.9	17
83	Porphyrin-polymer nanocompartments: singlet oxygen generation and antimicrobial activity. Journal of Biological Inorganic Chemistry, 2018, 23, 109-122.	1.1	24
84	Electrolyte tuning in dye-sensitized solar cells with <i>N</i>-heterocyclic carbene (NHC) iron(II) sensitizers. Beilstein Journal of Nanotechnology, 2018, 9, 3069-3078.	1.5	13
85	Sometimes the Same, Sometimes Different: Understanding Self-Assembly Algorithms in Coordination Networks. Polymers, 2018, 10, 1369.	2.0	5
86	Protecting the Eggs of a Praying Mantis: Natural Biomaterials. Chimia, 2018, 72, 819.	0.3	1
87	Carnivores' Teeth: Inorganic Materials in Action. Chimia, 2018, 72, 650-651.	0.3	1
88	Exploring the effect of the cyclometallating ligand in 2-(pyridine-2-yl)benzo[<i>d</i>]thiazole-containing iridium(<scp>iii</scp>) complexes for stable light-emitting electrochemical cells. Journal of Materials Chemistry C, 2018, 6, 12679-12688.	2.7	15
89	Where Are the tpy Embraces in [Zn{4â€²-(EtO)2OPC6H4tpy}2][CF3SO3]2?. Crystals, 2018, 8, 461.	1.0	2
90	Transoid-to-Cisoid Conformation Changes of Single Molecules on Surfaces Triggered by Metal Coordination. ACS Omega, 2018, 3, 12851-12856.	1.6	5

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91	A Phosphonic Acid Anchoring Analogue of the Sensitizer P1 for p-Type Dye-Sensitized Solar Cells. Crystals, 2018, 8, 389.	1.0	12
92	Anchoring of a dye precursor on NiO(001) studied by non-contact atomic force microscopy. Beilstein Journal of Nanotechnology, 2018, 9, 242-249.	1.5	10
93	Luminescent copper(<scp>i</scp>) complexes with bisphosphane and halogen-substituted 2,2â€²-bipyridine ligands. Dalton Transactions, 2018, 47, 14263-14276.	1.6	63
94	[Cu(P^P)(N^N)][PF₆] compounds with bis(phosphane) and 6-alkoxy, 6-alkylthio, 6-phenyloxy and 6-phenylthio-substituted 2,2â€²-bipyridine ligands for light-emitting electrochemical cells. Journal of Materials Chemistry C, 2018, 6, 8460-8471.	2.7	53
95	Effects of Introducing Methoxy Groups into the Ancillary Ligands in Bis(diimine) Copper(I) Dyes for Dye-Sensitized Solar Cells. Inorganics, 2018, 6, 40.	1.2	14
96	The Versatile SALSAC Approach to Heteroleptic Copper(I) Dye Assembly in Dye-Sensitized Solar Cells. Inorganics, 2018, 6, 57.	1.2	20
97	Geckos, Ceilings and van der Waals. Chimia, 2018, 72, 428.	0.3	0
98	Guest-Responsive Elastic Frustration â€œOnâ€"Offâ€•Switching in Flexible, Two-Dimensional Spin Crossover Frameworks. Inorganic Chemistry, 2018, 57, 11068-11076.	1.9	25
99	Tolerating Toxins: Grasshoppers that Feast on Pyrrolizidine Alkaloids Â§. Chimia, 2018, 72, 156.	0.3	1
100	Homoleptic complexes of a porphyrinatozinc(ii)-2,2â€²:6â€²,2â€²â€²-terpyridine ligand. Photochemical and Photobiological Sciences, 2017, 16, 585-595.	1.6	0
101	Highly Stable Red-Light-Emitting Electrochemical Cells. Journal of the American Chemical Society, 2017, 139, 3237-3248.	6.6	95
102	Exploring simple ancillary ligands in copper-based dye-sensitized solar cells: effects of a heteroatom switch and of co-sensitization. Journal of Materials Chemistry A, 2017, 5, 4671-4685.	5.2	27
103	The effects of introducing sterically demanding aryl substituents in [Cu(N^N)(P^P)]⁺complexes. Dalton Transactions, 2017, 46, 6379-6391.	1.6	36
104	Sweetness and light: Sugar-functionalized CË†N and NË†N ligands in [Ir(CË†N)2(NË†N)]Cl complexes. Journal of Organometallic Chemistry, 2017, 849-850, 54-62.	0.8	0
105	Coordination behavior of 1-(3,2â€²:6â€²,3â€³-terpyridin-4â€²-yl)ferrocene: Structure and magnetic and electrochemical properties of a tetracopper dimetallomacrocycle. Polyhedron, 2017, 129, 71-76.	1.0	9
106	What a difference a tail makes: 2D â†' 2D parallel interpenetration of sheets to interpenetrated nbo networks using ditopic-4,2â€²:6â€²,4â€²â€²-terpyridine ligands. CrystEngComm, 2017, 19, 2894-2902.	1.3	12
107	More hydra than Janus â€" Non-classical coordination modes in complexes of oligopyridine ligands. Coordination Chemistry Reviews, 2017, 350, 84-104.	9.5	45
108	The way to panchromatic copper(<scp>i</scp>)-based dye-sensitized solar cells: co-sensitization with the organic dye SQ2. Journal of Materials Chemistry A, 2017, 5, 13717-13729.	5.2	28

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109	Optimization of performance and long-term stability of p-type dye-sensitized solar cells with a cycloruthenated dye through electrolyte solvent tuning. Sustainable Energy and Fuels, 2017, 1, 626-635.	2.5	12
110	Coordination Behaviour of 1-(4,2â€²:6â€²,4â€²â€²-terpyridin-4â€²-yl)ferrocene and 1-(3,2â€²:6â€²,3â€²â€²-terpyridin-4â€²-yl)ferrocen Predictable and Unpredictable Assembly Algorithms. Australian Journal of Chemistry, 2017, 70, 468.	0.5	13
111	Over the LEC rainbow: Colour and stability tuning of cyclometallated iridium(III) complexes in light-emitting electrochemical cells. Coordination Chemistry Reviews, 2017, 350, 155-177.	9.5	117
112	Design and Characterization of an Electrically Powered Single Molecule on Gold. ACS Nano, 2017, 11, 9930-9940.	7.3	44
113	Absolute ion hydration enthalpies and the role of volume within hydration thermodynamics. RSC Advances, 2017, 7, 27881-27894.	1.7	26
114	4,2â€™:6â€™,4â€• and 3,2â€™:6â€™,3â€•Terpyridines: The Conflict between Well-Defined Vectorial Properties and Serendipity in the Assembly of 1D-, 2D- and 3D-Architectures. Materials, 2017, 10, 728.	1.3	9
115	Development of Cyclometallated Iridium(III) Complexes for Light-Emitting Electrochemical Cells. , 2017, , 167-202.		1
116	Structure and Magnetic Properties of the Spin Crossover Linear Trinuclear Complex [Fe3(furtrz)6(ptol)2(MeOH)4]Â·4(ptol)Â·4(MeOH) (furtrz: furanylidene-4H-1,2,4-triazol-4-amine ptol:) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.0	19
117	Bisâ€Sulfoneâ€•and Bisâ€Sulfoxideâ€Spirobifluorenes: Polar Acceptor Hosts with Tunable Solubilities for Blueâ€Phosphorescent Lightâ€Emitting Devices. European Journal of Organic Chemistry, 2016, 2016, 2037-2047.	1.2	10
118	'Active Surfaces' as Possible Functional Systems in Detection and Chemical (Bio) Reactivity. Chimia, 2016, 70, 402.	0.3	1
119	4â€²-Functionalized 2,2â€²:6â€²,2â€³-terpyridines as the NË†N domain in [Ir(CË†N)2(NË†N)][PF6] complexes. Journal of Organometallic Chemistry, 2016, 812, 272-279.	0.8	11
120	Constructing chiral MOFs by functionalizing 4,2â€²:6â€²,4â€²â€²-terpyridine with long-chain alkoxy domains: rare examples of <i>neb</i> nets. CrystEngComm, 2016, 18, 4704-4707.	1.3	16
121	Improving performance of copper(I)-based dye sensitized solar cells through I3â^'/Iâ^' electrolyte manipulation. Dyes and Pigments, 2016, 132, 72-78.	2.0	22
122	Regioisomerism in cationic sulfonyl-substituted [Ir(C^N)₂(N^N)]⁺ complexes: its influence on photophysical properties and LEC performance. Dalton Transactions, 2016, 45, 11668-11681.	1.6	21
123	Cyanoacrylic- and (1-cyanovinyl)phosphonic acid anchoring ligands for application in copper-based dye-sensitized solar cells. RSC Advances, 2016, 6, 86220-86231.	1.7	11
124	Probing the mystery of Liesegang band formation: revealing the origin of self-organized dual-frequency micro and nanoparticle arrays. Soft Matter, 2016, 12, 8367-8374.	1.2	18
125	Modular synthesis of simple cycloruthenated complexes with state-of-the-art performance in p-type DSCs. Journal of Materials Chemistry C, 2016, 4, 9823-9833.	2.7	21
126	[Ir(C^N)₂(N^N)]⁺ emitters containing a naphthalene unit within a linker between the two cyclometallating ligands. Dalton Transactions, 2016, 45, 16379-16392.	1.6	7

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127	Understanding why replacing I₃^{âˆ’}/I^{âˆ’} by cobalt(<scp>ii</scp>)/(<scp>iii</scp>) electrolytes in bis(diimine)copper(<scp>i</scp>)-based dye-sensitized solar cells improves performance. Journal of Materials Chemistry A, 2016, 4, 12995-13004.	5.2	24
128	Peripheral halo-functionalization in [Cu(N^N)(P^P)]⁺emitters: influence on the performances of light-emitting electrochemical cells. Dalton Transactions, 2016, 45, 15180-15192.	1.6	61
129	A double-stranded 1D-coordination polymer assembled using the tetravergent ligand 1,1â€²-bis(4,2â€²:6â€²,4â€³-terpyridin-4â€²-yl)ferrocene. Inorganic Chemistry Communication, 2016, 70, 118-120.	1.8	9
130	2,2â€²:6â€²,2â€²â€²-Terpyridine-functionalized redox-responsive hydrogels as a platform for multi responsive amphiphilic polymer membranes. RSC Advances, 2016, 6, 97921-97930.	1.7	11
131	Copper-based dye-sensitized solar cells with quasi-solid nano cellulose composite electrolytes. RSC Advances, 2016, 6, 56571-56579.	1.7	16
132	Shine bright or live long: substituent effects in [Cu(N^N)(P^P)]⁺-based light-emitting electrochemical cells where N^N is a 6-substituted 2,2â€²-bipyridine. Journal of Materials Chemistry C, 2016, 4, 3857-3871.	2.7	83
133	Combining phosphonic acid-functionalized anchoring ligands with asymmetric ancillary ligands in bis(diimine)copper(<scp>i</scp>) dyes for dye-sensitized solar cells. RSC Advances, 2016, 6, 5205-5213.	1.7	22
134	Improved light absorbance does not lead to better DSC performance: studies on a ruthenium porphyrinâ€“terpyridine conjugate. RSC Advances, 2016, 6, 15370-15381.	1.7	4
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