Deanna D'Alessandro

List of Publications by Year
in descending order

153 papers	11,002 citations	53660 45 h-index	30848 102 g-index
162 all docs	162 docs citations	162 times ranked	12048 citing authors

#	Article	IF	Citations
1	Metalâ€“Organic Frameworks: Special Collection 2020. Chemistry - A European Journal, 2022, 28, e202200607.	1.7	0
2	How Reproducible are Surface Areas Calculated from the BET Equation?. Advanced Materials, 2022, 34, .	11.1	82
3	Rareâ€Earth Metal Tetrathiafulvalene Carboxylate Frameworks as Redoxâ€Switchable Singleâ€Molecule Magnets. Chemistry - A European Journal, 2021, 27, 622-627.	1.7	21
4	Persistent Radical Tetrathiafulvaleneâ€Based 2D Metalâ€Organic Frameworks and Their Application in Efficient Photothermal Conversion. Angewandte Chemie, 2021, 133, 4839-4845.	1.6	17
5	Persistent Radical Tetrathiafulvaleneâ€Based 2D Metalâ€Organic Frameworks and Their Application in Efficient Photothermal Conversion. Angewandte Chemie - International Edition, 2021, 60, 4789-4795.	7.2	74
6	A cofacial metalâ€“organic framework based photocathode for carbon dioxide reduction. Chemical Science, 2021, 12, 3608-3614.	3.7	19
7	Visible Light Stimulated Bistable Photo-Switching in Defect Engineered Metalâ€“Organic Frameworks. Inorganic Chemistry, 2021, 60, 11706-11710.	1.9	9
8	Structurally photo-active metalâ€“organic frameworks: Incorporation methods, response tuning, and potential applications. Chemical Physics Reviews, 2021, 2, .	2.6	9
9	Redox-active ligands: Recent advances towards their incorporation into coordination polymers and metal-organic frameworks. Coordination Chemistry Reviews, 2021, 439, 213891.	9.5	80
10	Electrochemical Switching of First-Generation Donor-Acceptor Stenhouse Adducts (DASAs): An Alternative Stimulus for Triene Cyclisation. Chemistry, 2021, 3, 728-733.	0.9	3
11	Multifunctional Coordination Polymer Exhibiting Reversible Mechanical Motion Allowing Selective Uptake of Guests and Leading to Enhanced Electrical Conductivity. Inorganic Chemistry, 2021, 60, 13658-13668.	1.9	5
12	Breathingâ€Assisted Selective Adsorption of C₈ Alkyl Aromatics in Znâ€Based Metalâ€Organic Frameworks. Chemistry - A European Journal, 2021, 27, 14851-14857.	1.7	4
13	Tuneable CO₂ binding enthalpies by redox modulation of an electroactive MOF-74 framework. Materials Advances, 2021, 2, 2112-2119.	2.6	1
14	Molecular Electron Transfer. , 2021, , 376-392.		0
15	Spectroelectrochemistry: A Powerful Tool for Studying Fundamental Properties and Emerging Applications of Solid-State Materials Including Metalâ€“Organic Frameworks. Australian Journal of Chemistry, 2021, 74, 77.	0.5	5
16	Substituent effects on through-space intervalence charge transfer in cofacial metalâ€“organic frameworks. Faraday Discussions, 2021, 231, 152-167.	1.6	2
17	The electrochemical reduction of a flexible Mn(ii) salen-based metalâ€“organic framework. Dalton Transactions, 2021, 50, 12821-12825.	1.6	0
18	Breathingâ€Assisted Selective Adsorption of C 8 Alkyl Aromatics in Znâ€Based Metalâ€“Organic Frameworks. Chemistry - A European Journal, 2021, 27, 14789-14789.	1.7	0

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19	Building a Porous Molecular Machine That Replicates Natural Enzymes. ACS Central Science, 2021, 7, 1605-1607.	5.3	1
20	Fluorescence Enhancement through Confined Oligomerization in Nanochannels: An Anthryl Oligomer in a Metal-Organic Framework. , 2021, 3, 1599-1604.		4
21	3D printing of metalâ€“organic framework composite materials for clean energy and environmental applications. Journal of Materials Chemistry A, 2021, 9, 27252-27270.	5.2	29
22	A Metalâ€“Organic Framework Based on a Nickel Bis(dithiolene) Connector: Synthesis, Crystal Structure, and Application as an Electrochemical Glucose Sensor. Journal of the American Chemical Society, 2020, 142, 20313-20317.	6.6	83
23	Spin crossover modulation in a coordination polymer with the redox-active bis-pyridyltetrathiafulvalene (py2TTF) ligand. Chemical Communications, 2020, 56, 10469-10472.	2.2	10
24	Tuning Charge-State Localization in a Semiconductive Iron(III)â€“Chloranilate Framework Magnet Using a Redox-Active Cation. Chemistry of Materials, 2020, 32, 7551-7563.	3.2	16
25	Enhanced dielectricity coupled to spin-crossover in a one-dimensional polymer iron(ii) incorporating tetrathiafulvalene. Chemical Science, 2020, 11, 6229-6235.	3.7	32
26	Semi-conducting mixed-valent X₄TCNQ^{Iâˆ'/IIâˆ'} (X = H, F) charge-transfer complexes with C₆H₂(NH₂)₄. Journal of Materials Chemistry C, 2020, 8, 9422-9426.	2.7	4
27	Reversible single crystal-to-single crystal double [2+2] cycloaddition induces multifunctional photo-mechano-electrochemical properties in framework materials. Nature Communications, 2020, 11, 2808.	5.8	46
28	Effects of Mixed Valency in an Fe-Based Framework: Coexistence of Slow Magnetic Relaxation, Semiconductivity, and Redox Activity. Inorganic Chemistry, 2020, 59, 3619-3630.	1.9	15
29	Dinuclear acetylide-bridged ruthenium(<scp>ii</scp>) complexes with rigid non-aromatic spacers. Dalton Transactions, 2020, 49, 2687-2695.	1.6	4
30	A Semiconducting Cationic Squareâ€Grid Network with Fe III Centers Displaying Unusual Dynamic Behavior. European Journal of Inorganic Chemistry, 2020, 2020, 1255-1259.	1.0	1
31	Quantification of the mixed-valence and intervalence charge transfer properties of a cofacial metalâ€“organic framework <i>via</i> single crystal electronic absorption spectroscopy. Chemical Science, 2020, 11, 5213-5220.	3.7	18
32	Hydroquinone-Based Anion Receptors for Redox-Switchable Chloride Binding. Chemistry, 2019, 1, 80-88.	0.9	7
33	Influence of structureâ€“activity relationships on through-space intervalence charge transfer in metalâ€“organic frameworks with cofacial redox-active units. Chemical Science, 2019, 10, 1392-1400.	3.7	32
34	Prospects for electroactive andÂconducting framework materials. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2019, 377, 20180226.	1.6	13
35	Concomitant Use of Tetrathiafulvalene and 7,7,8,8-Tetracyanoquinodimethane within the Skeletons of Metalâ€“Organic Frameworks: Structures, Magnetism, and Electrochemistry. Inorganic Chemistry, 2019, 58, 8657-8664.	1.9	39
36	Toward a dodecanuclear molecular Re(i) box: structural and spectroscopic properties. Dalton Transactions, 2019, 48, 7946-7952.	1.6	2

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37	Porous Molecular Conductor: Electrochemical Fabrication of Through-Space Conduction Pathways among Linear Coordination Polymers. Journal of the American Chemical Society, 2019, 141, 6802-6806.	6.6	94
38	Progressive Structure Designing and Property Tuning of Manganese(II) Coordination Polymers with the Tetra(4-pyridyl)-tetrathiafulvalene Ligand. Crystal Growth and Design, 2019, 19, 3012-3018.	1.4	13
39	Electrochemical and spectroscopic properties of a cobalt framework with (3,7)-c topology. CrystEngComm, 2019, 21, 2381-2387.	1.3	2
40	Redox Activities of Metalâ€“Organic Frameworks Incorporating Rare-Earth Metal Chains and Tetrathiafulvalene Linkers. Inorganic Chemistry, 2019, 58, 3698-3706.	1.9	66
41	The roles of metal-organic frameworks in modulating water permeability of graphene oxide-based carbon membranes. Carbon, 2019, 148, 277-289.	5.4	50
42	The spectroelectrochemical behaviour of redox-active manganese salen complexes. Dalton Transactions, 2019, 48, 3704-3713.	1.6	25
43	Salen-Based Metal Complexes and the Physical Properties of their Porous Organic Polymers. Australian Journal of Chemistry, 2019, 72, 916.	0.5	1
44	Professor Richard Robson FAA. Australian Journal of Chemistry, 2019, 72, 729.	0.5	1
45	Linking defects, hierarchical porosity generation and desalination performance in metalâ€“organic frameworks. Chemical Science, 2018, 9, 3508-3516.	3.7	65
46	Interligand Charge-Transfer Interactions in Electroactive Coordination Frameworks Based on <i>N</i>,<i>N</i>â€²-Dicyanoquinonediimine (DCNQI). Inorganic Chemistry, 2018, 57, 9766-9774.	1.9	9
47	Through-Space Intervalence Charge Transfer as a Mechanism for Charge Delocalization in Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2018, 140, 6622-6630.	6.6	120
48	Surface functionalized UiO-66/Pebax-based ultrathin composite hollow fiber gas separation membranes. Journal of Materials Chemistry A, 2018, 6, 918-931.	5.2	151
49	Spectroscopic, electronic and computational properties of a mixed tetrachalcogenafulvalene and its charge transfer complex. Journal of Materials Chemistry C, 2018, 6, 1092-1104.	2.7	11
50	Probing charge transfer characteristics in a donorâ€“acceptor metalâ€“organic framework by Raman spectroelectrochemistry and pressure-dependence studies. Physical Chemistry Chemical Physics, 2018, 20, 25772-25779.	1.3	28
51	Electroactive Co(<scp>iii</scp>) salen metal complexes and the electrophoretic deposition of their porous organic polymers onto glassy carbon. RSC Advances, 2018, 8, 24128-24142.	1.7	18
52	A spectroscopic and electrochemical investigation of a tetrathiafulvalene series of metalâ€“organic frameworks. Polyhedron, 2018, 154, 334-342.	1.0	41
53	A heterometallic ferrimagnet based on a new TTF-bis(oxamato) ligand. Dalton Transactions, 2017, 46, 3980-3988.	1.6	9
54	In Situ Spectroelectrochemical Investigations of RuII Complexes with Bispyrazolyl Methane Triarylamine Ligands. Australian Journal of Chemistry, 2017, 70, 546.	0.5	1

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55	Redox state manipulation of a tris(p-tetrazolylphenyl)amine ligand and its Mn²⁺ coordination frameworks. Dalton Transactions, 2017, 46, 2998-3007.	1.6	9
56	Photoâ€•and Electronically Switchable Spinâ€Crossover Iron(II) Metalâ€"Organic Frameworks Based on a Tetrathiafulvalene Ligand. Angewandte Chemie - International Edition, 2017, 56, 5465-5470.	7.2	148
57	Photoâ€•and Electronically Switchable Spinâ€Crossover Iron(II) Metalâ€"Organic Frameworks Based on a Tetrathiafulvalene Ligand. Angewandte Chemie, 2017, 129, 5557-5562.	1.6	29
58	Spectroelectrochemical properties of a Ru(<scp>ii</scp>) complex with a thiazolo[5,4-d]thiazole triarylamine ligand. New Journal of Chemistry, 2017, 41, 108-114.	1.4	6
59	Perspectives on metalâ€"organic frameworks with intrinsic electrocatalytic activity. CrystEngComm, 2017, 19, 4049-4065.	1.3	72
60	Role of NEt₄⁺ in Orienting and Locking Together [M₂lig₃]^{2â€"} (6,3) Sheets (H₂lig = Chloranilic or) Tj ETQq0 0 0 rgBT /Overlock 10 T Design, 2017, 17, 1465-1470.	1.4	53
61	UiO-66@SiO₂ coreâ€"shell microparticles as stationary phases for the separation of small organic molecules. Analyst, The, 2017, 142, 517-524.	1.7	57
62	Redox-State Dependent Spectroscopic Properties of Porous Organic Polymers Containing Furan, Thiophene, and Selenophene. Australian Journal of Chemistry, 2017, 70, 1227.	0.5	3
63	Mixed Valency in a 3D Semiconducting Ironâ€"Fluoranilate Coordination Polymer. Inorganic Chemistry, 2017, 56, 9025-9035.	1.9	64
64	Untangling Complex Redox Chemistry in Zeolitic Imidazolate Frameworks Using Fourier Transformed Alternating Current Voltammetry. Analytical Chemistry, 2017, 89, 10181-10187.	3.2	11
65	Photoactive and Physical Properties of an Azobenzene-Containing Coordination Framework. Australian Journal of Chemistry, 2017, 70, 1171.	0.5	8
66	Mixed Valency as a Strategy for Achieving Charge Delocalization in Semiconducting and Conducting Framework Materials. Inorganic Chemistry, 2017, 56, 14373-14382.	1.9	78
67	Systematic Tuning of Zn(II) Frameworks with Furan, Thiophene, and Selenophene Dipyridyl and Dicarboxylate Ligands. Crystal Growth and Design, 2017, 17, 6262-6272.	1.4	18
68	Guestâ€"Host Complexes of TCNQ and TCNE with Cu₃(1,3,5-benzenetricarboxylate)₂. Journal of Physical Chemistry C, 2017, 121, 26330-26339.	1.5	18
69	Functional coordination polymers based on redox-active tetrathiafulvalene and its derivatives. Coordination Chemistry Reviews, 2017, 345, 342-361.	9.5	105
70	Photoresponsive spiropyran-functionalised MOF-808: postsynthetic incorporation and light dependent gas adsorption properties. Journal of Materials Chemistry A, 2016, 4, 10816-10819.	5.2	114
71	Dinuclear Ruthenium Complex Based on a Ï€-Extended Bridging Ligand with Redox-Active Tetrathiafulvalene and 1,10-Phenanthroline Units. Inorganic Chemistry, 2016, 55, 4606-4615.	1.9	10
72	Intrinsically conducting metalâ€"organic frameworks. MRS Bulletin, 2016, 41, 858-864.	1.7	104

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73	In Situ Spectroelectrochemical Investigations of the Redox-Active Tris[4-(pyridin-4-yl)phenyl]amine Ligand and a Zn²⁺ Coordination Framework. Inorganic Chemistry, 2016, 55, 7270-7280.	1.9	27
74	Structural and optical investigations of charge transfer complexes involving the radical anions of TCNQ and F₄TCNQ. CrystEngComm, 2016, 18, 8906-8914.	1.3	34
75	Synthesis, properties and surface self-assembly of a pentanuclear cluster based on the new Ï€-conjugated TTF-triazole ligand. Scientific Reports, 2016, 6, 25544.	1.6	12
76	Chiral heterobimetallic chains from a dicyanideferrite building block including a Ï€-conjugated TTF annulated ligand. Dalton Transactions, 2016, 45, 16575-16584.	1.6	6
77	A linear fluorescence-quenching response in an amidine-functionalised solid-state sensor for gas-phase and aqueous CO₂ detection. Dalton Transactions, 2016, 45, 6824-6829.	1.6	8
78	Flow-dependent separation selectivity for organic molecules on metalâ€“organic frameworks containing adsorbents. Chemical Communications, 2016, 52, 5301-5304.	2.2	22
79	Controlling Interpenetration in Electroactive Co(II) Frameworks Based on the Tris(4-(pyridin-4-yl)phenyl)amine Ligand. Crystal Growth and Design, 2016, 16, 1149-1155.	1.4	15
80	Defect engineering of UiO-66 for CO₂ and H₂O uptake â€“ a combined experimental and simulation study. Dalton Transactions, 2016, 45, 4496-4500.	1.6	171
81	Redox tunable viologen-based porous organic polymers. Journal of Materials Chemistry C, 2016, 4, 2535-2544.	2.7	55
82	Exploiting redox activity in metalâ€“organic frameworks: concepts, trends and perspectives. Chemical Communications, 2016, 52, 8957-8971.	2.2	290
83	Structures, Electrochemical and Spectral Properties of a Series of [MnN(CN)3(diimine)]-Complexes. European Journal of Inorganic Chemistry, 2015, 2015, 2752-2757.	1.0	5
84	Site Isolation Leads to Stable Photocatalytic Reduction of CO₂ over a Rheniumâ€Based Catalyst. Chemistry - A European Journal, 2015, 21, 18576-18579.	1.7	30
85	Facile redox state manipulation in Cu(i) frameworks by utilisation of the redox-active tris(4-(pyridin-4-yl)phenyl)amine ligand. Dalton Transactions, 2015, 44, 15297-15303.	1.6	15
86	Enhancing gas permeability in mixed matrix membranes through tuning the nanoparticle properties. Journal of Membrane Science, 2015, 482, 49-55.	4.1	65
87	Crystal Structures, Gas Adsorption, and Electrochemical Properties of Electroactive Coordination Polymers Based on the Tetrathiafulvalene-Tetrabenzoate Ligand. Crystal Growth and Design, 2015, 15, 1861-1870.	1.4	40
88	Carbon Dioxide Separation, Capture, and Storage in Porous Materials. Neutron Scattering Applications and Techniques, 2015, , 33-60.	0.2	3
89	Concentration-Dependent Binding of CO₂ and CD₄ in UiO-66(Zr). Journal of Physical Chemistry C, 2015, 119, 6980-6987.	1.5	19
90	Tuning the cavities of zirconium-based MIL-140 frameworks to modulate CO₂adsorption. Chemical Communications, 2015, 51, 11286-11289.	2.2	47

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91	Cyanide-bridged single molecule magnet based on a manganese(III) complex with TTF-fused Schiff base ligand. Science China Chemistry, 2015, 58, 650-657.	4.2	11
92	The electronic, optical and magnetic consequences of delocalization in multifunctional donorâ€“acceptor organic polymers. Physical Chemistry Chemical Physics, 2015, 17, 11252-11259.	1.3	17
93	Redox-state investigation in a Co(II) framework with the redox-active tris(4-(pyridin-4-yl)phenyl)amine ligand. Supramolecular Chemistry, 2015, 27, 792-797.	1.5	9
94	Crystal Structures, Magnetic Properties, and Electrochemical Properties of Coordination Polymers Based on the Tetra(4-pyridyl)-tetrathiafulvalene Ligand. Inorganic Chemistry, 2015, 54, 10766-10775.	1.9	50
95	The Electrochemical Transformation of the Zeolitic Imidazolate Framework ZIF-67 in Aqueous Electrolytes. Electrochimica Acta, 2015, 153, 433-438.	2.6	49
96	The first example of a zirconium-oxide based metalâ€“organic framework constructed from monocarboxylate ligands. Dalton Transactions, 2015, 44, 1516-1519.	1.6	26
97	Tuning the functional sites in metalâ€“organic frameworks to modulate CO₂ heats of adsorption. CrystEngComm, 2015, 17, 706-718.	1.3	60
98	Thermal Spin Crossover Behaviour of Two-Dimensional Hofmann-Type Coordination Polymers Incorporating Photoactive Ligands. Australian Journal of Chemistry, 2014, 67, 1563.	0.5	25
99	Magnetic, electrochemical and optical properties of a sulfate-bridged Co(<scp>ii</scp>) imidazole dimer. New Journal of Chemistry, 2014, 38, 5856-5860.	1.4	12
100	Magnetic and Electronic Properties of Three New Hetero-Bimetallic Coordination Frameworks [Ru2(O2CR)4][Au(CN)2] (R = Benzoic Acid, Furan-2-carboxylate, or Thiophen-2-carboxylate). Australian Journal of Chemistry, 2014, 67, 1607.	0.5	7
101	Experimental and Computational Studies of a Multiâ€Electron Donorâ€“Acceptor Ligand Containing the Thiazolo[5,4â€<i>d</i>]thiazole Core and its Incorporation into a Metalâ€“Organic Framework. Chemistry - A European Journal, 2014, 20, 17597-17605.	1.7	35
102	Exploiting stable radical states for multifunctional properties in triarylamine-based porous organic polymers. Journal of Materials Chemistry A, 2014, 2, 12466-12474.	5.2	33
103	Radicals in metalâ€“organic frameworks. RSC Advances, 2014, 4, 17498-17512.	1.7	112
104	A Mn(<scp>ii</scp>) coordination framework incorporating the redox-active tris(4-(pyridin-4-yl)phenyl)amine ligand (NPy₃): electrochemical and spectral properties. CrystEngComm, 2014, 16, 6331-6334.	1.3	28
105	Highly unusual interpenetration isomers of electroactive nickel bis(dithiolene) coordination frameworks. Chemical Communications, 2014, 50, 12772-12774.	2.2	13
106	Post-synthetic pore-space expansion in a di-tagged metalâ€“organic framework. CrystEngComm, 2014, 16, 9158-9162.	1.3	14
107	Structural and optical investigations of charge transfer complexes involving the F4TCNQ dianion. CrystEngComm, 2014, 16, 5234.	1.3	22
108	Tuning pore size in a zirconiumâ€“tricarboxylate metalâ€“organic framework. CrystEngComm, 2014, 16, 6530-6533.	1.3	84

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109	Microwave-Assisted Solvothermal Synthesis and Optical Properties of Tagged MIL-140A Metalâ€“Organic Frameworks. Inorganic Chemistry, 2013, 52, 12878-12880.	1.9	72
110	Electronic, Optical, and Computational Studies of a Redox-Active Napthalenediimide-Based Coordination Polymer. Inorganic Chemistry, 2013, 52, 14246-14252.	1.9	37
111	A porous Mn(v) coordination framework with PtS topology: assessment of the influence of a terminal nitride on CO2 sorption. Dalton Transactions, 2013, 42, 13308.	1.6	10
112	Microwave-assisted solvothermal synthesis of zirconium oxide based metalâ€“organic frameworks. Chemical Communications, 2013, 49, 3706.	2.2	108
113	Electrochemical and optical properties of a redox-active Cu(ii) coordination framework incorporating the tris(4-(pyridin-4-yl)phenyl)amine ligand. Dalton Transactions, 2013, 42, 6310.	1.6	33
114	Enhancing selective CO2 adsorption via chemical reduction of a redox-active metalâ€“organic framework. Dalton Transactions, 2013, 42, 9831.	1.6	64
115	Application of the piperazine-grafted CuBTTri metal-organic framework in postcombustion carbon dioxide capture. Microporous and Mesoporous Materials, 2013, 174, 74-80.	2.2	41
116	A Comparative Study of the Structural, Optical, and Electrochemical Properties of Squarate-Based Coordination Frameworks. Australian Journal of Chemistry, 2013, 66, 429.	0.5	7
117	[V₁₆O₃₈(CN)]^{9â€“}: A Soluble Mixed-Valence Redox-Active Building Block with Strong Antiferromagnetic Coupling. Inorganic Chemistry, 2012, 51, 9192-9199.	1.9	55
118	Rapid determination of the optical and redox properties of a metalâ€“organic framework via in situ solid state spectroelectrochemistry. Chemical Communications, 2012, 48, 3945.	2.2	111
119	Carbon dioxide adsorption by physisorption and chemisorption interactions in piperazine-grafted Ni2(dobdc) (dobdc = 1,4-dioxido-2,5-benzenedicarboxylate). Dalton Transactions, 2012, 41, 11739.	1.6	30
120	Enhanced carbon dioxide capture upon incorporation of N,Nâ€²-dimethylethylenediamine in the metalâ€“organic framework CuBTTri. Chemical Science, 2011, 2, 2022.	3.7	491
121	Towards Conducting Metal-Organic Frameworks. Australian Journal of Chemistry, 2011, 64, 718.	0.5	120
122	Self-assembled Co(ii) molecular squares incorporating the bridging ligand 4,7-phenanthrolino-5,6:5â€²,6â€²-pyrazine. Dalton Transactions, 2011, 40, 12388.	1.6	4
123	A Mixedâ€Spin Molecular Square with a Hybrid [2Ã—2]Grid/Metallocyclic Architecture. Angewandte Chemie - International Edition, 2011, 50, 2820-2823.	7.2	45
124	Carbon Dioxide Capture: Prospects for New Materials. Angewandte Chemie - International Edition, 2010, 49, 6058-6082.	7.2	3,452
125	High-spin ground states via electron delocalization in mixed-valence imidazolate-bridged divanadium complexes. Nature Chemistry, 2010, 2, 362-368.	6.6	154
126	Toward carbon dioxide capture using nanoporous materials. Pure and Applied Chemistry, 2010, 83, 57-66.	0.9	40

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127	Strong CO₂ Binding in a Water-Stable, Triazolate-Bridged Metalâˆ'Organic Framework Functionalized with Ethylenediamine. Journal of the American Chemical Society, 2009, 131, 8784-8786.	6.6	1,047
128	Synthesis and Characterization of Ruthenium and Ironâˆ'Ruthenium Prussian Blue Analogues. Chemistry of Materials, 2009, 21, 1922-1926.	3.2	75
129	Stereochemical effects on intervalence charge transfer. Pure and Applied Chemistry, 2008, 80, 1-16.	0.9	16
130	Solid-state anion interactions in the diastereoisomers of dinuclear ruthenium complexes based on 2,2â€²-bipyrimidine. Polyhedron, 2007, 26, 216-221.	1.0	2
131	Underlying Spinâˆ'Orbit Coupling Structure of Intervalence Charge Transfer Bands in Dinuclear Polypyridyl Complexes of Ruthenium and Osmium. Inorganic Chemistry, 2006, 45, 3261-3274.	1.9	35
132	Metalâ€"metal interactions in dinuclear ruthenium complexes containing bridging 4,5-di(2-pyridyl)imidazolates and related ligands. Dalton Transactions, 2006, , 1954-1962.	1.6	26
133	Current trends and future challenges in the experimental, theoretical and computational analysis of intervalence charge transfer (IVCT) transitions. Chemical Society Reviews, 2006, 35, 424-40.	18.7	324
134	Spectroelectrochemical evidence for communication within a laterally-bridged dimanganese(iii) bis-porphyrin. Dalton Transactions, 2006, , 4805.	1.6	9
135	Metalâ€"metal interactions in dinuclear ruthenium complexes incorporating â€œstepped-parallelâ€• bridging ligands: synthesis, stereochemistry and intervalence charge transfer. New Journal of Chemistry, 2006, 30, 228.	1.4	20
136	Multisite Effects on Intervalence Charge Transfer in a Clusterlike Trinuclear Assembly Containing Ruthenium and Osmium. Inorganic Chemistry, 2006, 45, 1656-1666.	1.9	21
137	Intervalence charge transfer in a â€œchain-likeâ€•ruthenium trinuclear assembly based on the bridging ligand 4,7-phenanthrolino-5,6:5â€²,6â€²-pyrazine (ppz). Dalton Transactions, 2006, , 1060-1072.	1.6	14
138	Intervalence Charge Transfer (IVCT) in Trinuclear and Tetranuclear Complexes of Iron, Ruthenium, and Osmium. Chemical Reviews, 2006, 106, 2270-2298.	23.0	297
139	Diastereoisomers as probes for solvent reorganizational effects on IVCT in dinuclear ruthenium complexes. Chemical Physics, 2006, 324, 8-25.	0.9	26
140	Probing the Transition between the Localised (Class II) and Localised-to-Delocalised (Class IIâ€"III) Regimes by Using Intervalence Charge-Transfer Solvatochromism in a Series of Mixed-Valence Dinuclear Ruthenium Complexes. Chemistry - A European Journal, 2006, 12, 4873-4884.	1.7	36
141	The Effective Electron-Transfer Distance in Dinuclear Ruthenium Complexes Containing the Unsymmetrical Bridging Ligand 3,5-Bis(2-pyridyl)-1,2,4-triazolate. European Journal of Inorganic Chemistry, 2006, 2006, 772-783.	1.0	26
142	Driving the Localized-to-Delocalized Transition in Unsymmetrical Dinuclear Ruthenium Mixed-Valence Complexes. Australian Journal of Chemistry, 2005, 58, 767.	0.5	3
143	Intervalence Charge Transfer (IVCT) in Ruthenium Dinuclear and Trinuclear Assemblies Containing the Bridging Ligand HAT {1,4,5,8,9,12-hexaazatriphenylene}. Chemistry - A European Journal, 2005, 11, 3679-3688.	1.7	38
144	Differential Ion-pairing and Temperature Effects on Intervalence Charge Transfer (IVCT) in a Series of Dinuclear Ruthenium Complexes. Supramolecular Chemistry, 2005, 17, 529-542.	1.5	18

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145	Intervalence charge transfer in the stereoisomers of a dinuclear ruthenium complex containing the bridging ligand dibenzoeilatin. Dalton Transactions, 2005, , 332.	1.6	16
146	A cautionary warning on the use of electrochemical measurements to calculate comproportionation constants for mixed-valence compounds. Dalton Transactions, 2004, , 3950.	1.6	165
147	Ruthenium(II) Complexes of Multidentate Ligands Derived from Di(2-pyridyl)methane. Australian Journal of Chemistry, 2003, 56, 657.	0.5	25
148	Mono- and di-nuclear complexes of the ligands 3,4-di(2-pyridyl)-1,2,5-oxadiazole and 3,4-di(2-pyridyl)-1,2,5-thiadiazole; new bridges allowing unusually strong metalâ€“metal interactions. Dalton Transactions RSC, 2002, , 2775-2785.	2.3	53
149	Stereochemical Influences on Intervalence Charge Transfer in Homodinuclear Complexes of Ruthenium. Inorganic Chemistry, 2001, 40, 6841-6844.	1.9	42
150	Chapter 7. Conducting Framework Materials. Monographs in Supramolecular Chemistry, 0, , 247-280.	0.2	4
151	Hydrogen-Bonding 2D Coordination Polymer for Enzyme-Free Electrochemical Glucose Sensing. CrystEngComm, 0, , .	1.3	3
152	Charge transfer in mixed and segregated stacks of tetrathiafulvalene, tetrathianaphthalene and naphthalene diimide: a structural, spectroscopic and computational study. New Journal of Chemistry, 0, , .	1.4	0
153	Multi-Redox Responsive Behavior in a Mixed-Valence Semiconducting Framework Based on Bis-[1,2,5]-thiadiazolo-tetracyanoquinodimethane. Journal of the American Chemical Society, 0, , .	6.6	5