Leone Spiccia

List of Publications by Year
in descending order

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351 papers	23,788 citations	12330 69 h-index	9861 141 g-index
373 all docs	373 docs citations	373 times ranked	25860 citing authors

#	Article	IF	Citations
1	Nearâ€Infrared Electrochemiluminescence from Bistridentate Ruthenium(II) Di(quinolineâ€8â€yl)pyridine Complexes in Aqueous Media. ChemPlusChem, 2020, 85, 346-352.	2.8	13
2	Interactions between an amphipathic diâ€histidine peptide and a metal affinity chromatographic resin derived from a bis(tacn)butane chelating ligand. Journal of Separation Science, 2019, 42, 3631-3639.	2.5	1
3	Lignin oxidation by MnO₂ under the irradiation of blue light. Green Chemistry, 2019, 21, 2005-2014.	9.0	32
4	Highly dispersed and disordered nickelâ€“iron layered hydroxides and sulphides: robust and high-activity water oxidation catalysts. Sustainable Energy and Fuels, 2018, 2, 1561-1573.	4.9	29
5	Molecular Engineering of Zincâ€Porphyrin Sensitisers for pâ€Type Dyeâ€Sensitised Solar Cells. ChemPlusChem, 2018, 83, 711-720.	2.8	16
6	Electrolysis of Natural Waters Contaminated with Transitionâ€Metal Ions: Identification of A Metastable FePbâ€Based Oxygenâ€Evolution Catalyst Operating in Weakly Acidic Solutions. ChemPlusChem, 2018, 83, 704-710.	2.8	9
7	Macrocycles Bearing Ferrocenyl Pendants and their Electrochemical Properties upon Binding to Divalent Transition Metal Cations. ChemPlusChem, 2018, 83, 728-738.	2.8	4
8	Spray deposition of AgBiS₂ and Cu₃BiS₃ thin films for photovoltaic applications. Journal of Materials Chemistry C, 2018, 6, 2483-2494.	5.5	48
9	Spectroscopic Studies on Photoinduced Reactions of the Anticancer Prodrug, trans,trans,transâ€[Pt(N₃)₂(OH)₂(py)₂]. Chemistry - A European Journal, 2018, 24, 5790-5803.	3.3	31
10	Cooperative silanetriolate-carboxylate sensitiser anchoring for outstanding stability and improved performance of dye-sensitised photoelectrodes. Sustainable Energy and Fuels, 2018, 2, 1707-1718.	4.9	8
11	Spectroscopic Studies on Photoinduced Reactions of the Anticancer Prodrug, trans,trans,trans -[Pt(N3)2 (OH)2 (py)2]. Chemistry - A European Journal, 2018, 24, 5679-5679.	3.3	0
12	Probing Electron Transfer in the Manganeseâ€Oxideâ€Forming MnxEFG Protein Complex using Fourier Transformed AC Voltammetry: Understanding the Oxidative Priming Effect. ChemElectroChem, 2018, 5, 872-876.	3.4	2
13	Tuning the morphology and structure of disordered hematite photoanodes for improved water oxidation:ÂA physical and chemical synergistic approach. Nano Energy, 2018, 53, 745-752.	16.0	29
14	Molecular Engineering of Zinc-Porphyrin Sensitisers for p-Type Dye-Sensitised Solar Cells. ChemPlusChem, 2018, 83, 547-547.	2.8	0
15	Transformation of Indium and Gallium Metal into Mixed Groupâ€...11/13 Ternary Sulfide Nanoparticles by Using a Dithioic Acid. ChemPlusChem, 2018, 83, 565-568.	2.8	0
16	Vertically Aligned Interlayer Expanded MoS₂ Nanosheets on a Carbon Support for Hydrogen Evolution Electrocatalysis. Chemistry of Materials, 2017, 29, 3092-3099.	6.7	140
17	Direct observation of intrinsic twin domains in tetragonal CH3NH3PbI3. Nature Communications, 2017, 8, 14547.	12.8	191
18	Zwitterionic Modification of Ultrasmall Iron Oxide Nanoparticles for Reduced Protein Corona Formation. ChemPlusChem, 2017, 82, 638-646.	2.8	14

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19	High efficiency solid-state dye-sensitized solar cells using a cobalt(<scp>ii</scp>/<scp>iii</scp>) redox mediator. Journal of Materials Chemistry C, 2017, 5, 4875-4883.	5.5	14
20	Formation of Groupâ€...11 Bismuth Sulfide Nanoparticles Using Bismuth Dithioates under Mild Conditions. Chemistry - A European Journal, 2017, 23, 8171-8175.	3.3	16
21	Studies of Carbon Monoxide Release from Ruthenium(II) Bipyridine Carbonyl Complexes upon UV-Light Exposure. Inorganic Chemistry, 2017, 56, 5941-5952.	4.0	28
22	Diammonium and Monoammonium Mixedâ€Organicâ€Cation Perovskites for High Performance Solar Cells with Improved Stability. Advanced Energy Materials, 2017, 7, 1700444.	19.5	121
23	Controlled Growth of Monocrystalline Organoâ€Lead Halide Perovskite and Its Application in Photonic Devices. Angewandte Chemie - International Edition, 2017, 56, 12486-12491.	13.8	54
24	Controlled Growth of Monocrystalline Organoâ€Lead Halide Perovskite and Its Application in Photonic Devices. Angewandte Chemie, 2017, 129, 12660-12665.	2.0	10
25	Effects of guanidino modified aminoglycosides on mammalian membranes studied using a quartz crystal microbalance. MedChemComm, 2017, 8, 1112-1120.	3.4	9
26	Rates of Water Exchange in 2,2â€²-Bipyridine and 1,10-Phenanthroline Complexes of CoII and MnII. Australian Journal of Chemistry, 2017, 70, 751.	0.9	5
27	Probing the functionality of nanostructured MnCeO x catalysts in the carbon monoxide oxidation. Applied Catalysis B: Environmental, 2017, 210, 14-22.	20.2	52
28	A facile deposition method for CuSCN: Exploring the influence of CuSCN on J-V hysteresis in planar perovskite solar cells. Nano Energy, 2017, 32, 310-319.	16.0	44
29	Lessons Learnt from Spatially Resolved Electroâ€•and Photoluminescence Imaging: Interfacial Delamination in CH₃NH₃PbI₃ Planar Perovskite Solar Cells upon Illumination. Advanced Energy Materials, 2017, 7, 1602111.	19.5	50
30	Origin of Photoelectrochemical Generation of Dihydrogen by a Dye-Sensitized Photocathode without an Intentionally Introduced Catalyst. Journal of Physical Chemistry C, 2017, 121, 25836-25846.	3.1	16
31	Titelbild: Controlled Growth of Monocrystalline Organoâ€Lead Halide Perovskite and Its Application in Photonic Devices (Angew. Chem. 41/2017). Angewandte Chemie, 2017, 129, 12547-12547.	2.0	0
32	Dipole-field-assisted charge extraction in metal-perovskite-metal back-contact solar cells. Nature Communications, 2017, 8, 613.	12.8	66
33	Experimental and Computational Investigation of the Optical, Electronic, and Electrochemical Properties of Hydrogenated Î±-Fe₂O₃. Journal of Physical Chemistry C, 2017, 121, 16059-16065.	3.1	11
34	Tunable Biogenic Manganese Oxides. Chemistry - A European Journal, 2017, 23, 13482-13492.	3.3	8
35	Polypyridyl Iron Complex as a Hole-Transporting Material for Formamidinium Lead Bromide Perovskite Solar Cells. ACS Energy Letters, 2017, 2, 1855-1859.	17.4	17
36	Directing nucleation and growth kinetics in solution-processed hybrid perovskite thin-films. Science China Materials, 2017, 60, 617-628.	6.3	64

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37	Engineering Disorder into Heterogeniteâ€Like Cobalt Oxides by Phosphate Doping: Implications for the Design of Waterâ€Oxidation Catalysts. ChemCatChem, 2017, 9, 511-521.	3.7	23
38	Biogenic Manganeseâ€Oxide Mineralization is Enhanced by an Oxidative Priming Mechanism for the Multiâ€Copper Oxidase, MnxEFG. Chemistry - A European Journal, 2017, 23, 1346-1352.	3.3	12
39	Cellular Uptake and Photo-Cytotoxicity of a Gadolinium(III)-DOTA-Naphthalimide Complex â€œClickedâ€•to a Lipidated Tat Peptide. Molecules, 2016, 21, 194.	3.8	9
40	Robust Subâ€Monolayers of Co₃O₄ Nanoâ€Islands: A Highly Transparent Morphology for Efficient Water Oxidation Catalysis. Advanced Energy Materials, 2016, 6, 1600697.	19.5	44
41	Developments in and prospects for photocathodic and tandem dye-sensitized solar cells. Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2016, 28, 44-71.	11.6	42
42	Stability Comparison of Perovskite Solar Cells Based on Zinc Oxide and Titania on Polymer Substrates. ChemSusChem, 2016, 9, 687-695.	6.8	101
43	Enhancing the Optoelectronic Performance of Perovskite Solar Cells via a Textured CH₃NH₃PbI₃ Morphology. Advanced Functional Materials, 2016, 26, 1278-1285.	14.9	90
44	Electro- and photoluminescence imaging as fast screening technique of the layer uniformity and device degradation in planar perovskite solar cells. Journal of Applied Physics, 2016, 120, .	2.5	27
45	Synthesis and phosphate ester cleavage properties of copper(II) complexes of guanidinium-bridged bis(1,4,7-triazacyclononane) ligands. Polyhedron, 2016, 120, 11-17.	2.2	5
46	Highly Dispersed Cobalt Oxide on TaON as Efficient Photoanodes for Long-Term Solar Water Splitting. ACS Catalysis, 2016, 6, 3404-3417.	11.2	63
47	Optical analysis of perovskite/silicon tandem solar cells. Journal of Materials Chemistry C, 2016, 4, 5679-5689.	5.5	112
48	Indium tin oxide as a semiconductor material in efficient p-type dye-sensitized solar cells. NPG Asia Materials, 2016, 8, e305-e305.	7.9	71
49	Catalytic Systems for Water Splitting. ChemPlusChem, 2016, 81, 1017-1019.	2.8	12
50	Photo-electrocatalytic hydrogen generation at dye-sensitised electrodes functionalised with a heterogeneous metal catalyst. Electrochimica Acta, 2016, 219, 773-780.	5.2	22
51	Towards a Bioinspiredâ€Systems Approach for Solar Fuel Devices. ChemPlusChem, 2016, 81, 1024-1027.	2.8	20
52	Fatigue behavior of planar CH3NH3PbI3 perovskite solar cells revealed by light on/off diurnal cycling. Nano Energy, 2016, 27, 509-514.	16.0	76
53	Efficient Perovskite Solar Cells Employing Inorganic Interlayers. ChemNanoMat, 2016, 2, 182-188.	2.8	49
54	Cobalt Polypyridyl Complexes as Transparent Solutionâ€Processable Solidâ€State Charge Transport Materials. Advanced Energy Materials, 2016, 6, 1600874.	19.5	25

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55	Zwitterionic Polymerâ€Coated Ultrasmall Superparamagnetic Iron Oxide Nanoparticles with Low Protein Interaction and High Biocompatibility. ChemNanoMat, 2016, 2, 959-971.	2.8	23
56	Solar Water Oxidation by Multicomponent TaON Photoanodes Functionalized with Nickel Oxide. ChemPlusChem, 2016, 81, 1107-1115.	2.8	3
57	Aqueous p-type dye-sensitized solar cells based on a tris(1,2-diaminoethane)cobalt(<scp>ii</scp>)/(<scp>iii</scp>) redox mediator. Green Chemistry, 2016, 18, 6659-6665.	9.0	16
58	Parameterization of Water Electrooxidation Catalyzed by Metal Oxides Using Fourier Transformed Alternating Current Voltammetry. Journal of the American Chemical Society, 2016, 138, 16095-16104.	13.7	48
59	Charge Transfer Dynamics at Dye-Sensitized ZnO and TiO2 Interfaces Studied by Ultrafast XUV Photoelectron Spectroscopy. Scientific Reports, 2016, 6, 24422.	3.3	24
60	Comprehensive Vibrational Spectroscopic Investigation of trans,trans,trans-[Pt(N₃)₂(OH)₂(py)₂], a Pt(IV) Diazido Anticancer Prodrug Candidate. Inorganic Chemistry, 2016, 55, 5983-5992.	4.0	22
61	A robust iron oxyhydroxide water oxidation catalyst operating under near neutral and alkaline conditions. Journal of Materials Chemistry A, 2016, 4, 3655-3660.	10.3	79
62	Parameters responsible for the degradation of CH 3 NH 3 PbI 3 -based solar cells on polymer substrates. Nano Energy, 2016, 22, 211-222.	16.0	18
63	Luminescent Alkyne-Bearing Terbium(III) Complexes and Their Application to Bioorthogonal Protein Labeling. Inorganic Chemistry, 2016, 55, 1674-1682.	4.0	26
64	Probing the Fate of Mn Complexes in Nafion: A Combined Multifrequency EPR and XAS Study. Journal of Physical Chemistry C, 2016, 120, 853-861.	3.1	4
65	Neomycin B-cyclen conjugates and their Zn(II) complexes as RNA-binding agents. Journal of Inorganic Biochemistry, 2016, 162, 334-342.	3.5	9
66	Photo-assisted electrodeposition of manganese oxide on TaON anodes: effect on water photooxidation capacity under visible light irradiation. Catalysis Science and Technology, 2016, 6, 3745-3757.	4.1	17
67	Engineering Disorder at a Nanoscale: A Combined TEM and XAS Investigation of Amorphous versus Nanocrystalline Sodium Birnessite. Australian Journal of Chemistry, 2015, 68, 1715.	0.9	13
68	Optimization of Titania Postâ€Necking Treatment of TaON Photoanodes to Enhance Waterâ€Oxidation Activity under Visibleâ€Light Irradiation. ChemElectroChem, 2015, 2, 1270-1278.	3.4	17
69	Copper(I) Iodide as Holeâ€Conductor in Planar Perovskite Solar Cells: Probing the Origin of Jâ€“V Hysteresis. Advanced Functional Materials, 2015, 25, 5650-5661.	14.9	260
70	Mechanistic Details of the Membrane Perforation and Passive Translocation of TAT Peptides. ChemPlusChem, 2015, 80, 83-90.	2.8	12
71	Catalytic Activity and Impedance Behavior of Screenâ€Printed Nickel Oxide as Efficient Water Oxidation Catalysts. ChemSusChem, 2015, 8, 4266-4274.	6.8	20
72	Scalable Synthesis of Efficient Water Oxidation Catalysts: Insights into the Activity of Flameâ€Made Manganese Oxide Nanocrystals. ChemSusChem, 2015, 8, 4162-4171.	6.8	30

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73	The Effect of the Scattering Layer in Dyeâ€Sensitized Solar Cells Employing a Cobaltâ€Based Aqueous Gel Electrolyte. ChemSusChem, 2015, 8, 3704-3711.	6.8	23
74	Nanostructured MnO catalysts in the liquid phase selective oxidation of benzyl alcohol with oxygen. Applied Catalysis B: Environmental, 2015, 170-171, 233-240.	20.2	24
75	Damage Management in Water-Oxidizing Catalysts: From Photosystem II to Nanosized Metal Oxides. ACS Catalysis, 2015, 5, 1499-1512.	11.2	55
76	Application of the Tris(acetylacetonato)iron(III)/(II) Redox Couple in pâ€Type Dyeâ€Sensitized Solar Cells. Angewandte Chemie - International Edition, 2015, 54, 3758-3762.	13.8	184
77	Enhancing Catalytic Activity by Narrowing Local Energy Gapsâ€"Xâ€Ray Studies of a Manganese Water Oxidation Catalyst. ChemSusChem, 2015, 8, 872-877.	6.8	7
78	Coordination chemistry of a mono-dibenzofuran derivative of 1,4,7,10-tetraazacyclododecane. Journal of Coordination Chemistry, 2015, 68, 335-349.	2.2	5
79	Ultra-thin high efficiency semitransparent perovskite solar cells. Nano Energy, 2015, 13, 249-257.	16.0	310
80	Enhanced charge collection in dye-sensitized solar cells utilizing collectorâ€"shell electrodes. Journal of Power Sources, 2015, 277, 343-349.	7.8	3
81	Degradation observations of encapsulated planar CH₃NH₃PbI₃ perovskite solar cells at high temperatures and humidity. Journal of Materials Chemistry A, 2015, 3, 8139-8147.	10.3	874
82	Dual-Function Smart Electrolyte for Dye-Sensitized Solar Cells: 5-Mercaptotetrazoles as Redox Mediator and Corrosion Repressor. Journal of Physical Chemistry C, 2015, 119, 19613-19618.	3.1	15
83	Macrocyclic Metal Complexes for Metalloenzyme Mimicry and Sensor Development. Accounts of Chemical Research, 2015, 48, 2366-2379.	15.6	91
84	Enhanced photo-electrochemical water oxidation on MnO_xin buffered organic/inorganic electrolytes. Journal of Materials Chemistry A, 2015, 3, 16642-16652.	10.3	16
85	Synthesis and Biodistribution Studies of ³H- and ⁶⁴Cu-Labeled Dendritic Polyglycerol and Dendritic Polyglycerol Sulfate. Bioconjugate Chemistry, 2015, 26, 906-918.	3.6	32
86	Injection Kinetics and Electronic Structure at the N719/TiO₂ Interface Studied by Means of Ultrafast XUV Photoemission Spectroscopy. Journal of Physical Chemistry C, 2015, 119, 9099-9107.	3.1	22
87	On the Origin of the Improvement of Electrodeposited MnOxFilms in Water Oxidation Catalysis Induced by Heat Treatment. ChemSusChem, 2015, 8, 1980-1985.	6.8	20
88	Electrosynthesis of Highly Transparent Cobalt Oxide Water Oxidation Catalyst Films from Cobalt Aminopolycarboxylate Complexes. ChemSusChem, 2015, 8, 1394-1403.	6.8	21
89	Thiolate/Disulfide Based Electrolytes for p-type and Tandem Dye-Sensitized Solar Cells. Electrochimica Acta, 2015, 182, 458-463.	5.2	33
90	Renewable fuels from concentrated solar power: towards practical artificial photosynthesis. Energy and Environmental Science, 2015, 8, 2791-2796.	30.8	162

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91	Low temperature processing of flexible planar perovskite solar cells with efficiency over 10%. Journal of Power Sources, 2015, 278, 325-331.	7.8	89
92	An SECM study on the influence of cationic, membrane-active peptides on a gold-supported self-assembled monolayer. Electrochemistry Communications, 2015, 51, 11-14.	4.7	12
93	Real-time examination of aminoglycoside activity towards bacterial mimetic membranes using Quartz Crystal Microbalance with Dissipation monitoring (QCM-D). Biochimica Et Biophysica Acta - Biomembranes, 2015, 1848, 385-391.	2.6	28
94	Dominating Energy Losses in NiO pâ€Type Dyeâ€Sensitized Solar Cells. Advanced Energy Materials, 2015, 5, 1401387.	19.5	75
95	Nanostructured MnO x catalysts in the liquid phase selective oxidation of benzyl alcohol with oxygen: Part I. Effects of Ce and Fe addition on structure and reactivity. Applied Catalysis B: Environmental, 2015, 162, 260-267.	20.2	63
96	Hole-Conductor and Metal Electrode-Free Planar Perovskite Solar Cells. Current Nanoscience, 2015, 11, 494-498.	1.2	1
97	The H.G. Smith Award Article: Fluorescent Analogues of NAMI-A: Synthesis, Characterisation, Fluorescent Properties, and Preliminary Biological Studies in Human Lung Cancer Cells. Australian Journal of Chemistry, 2014, 67, 1711.	0.9	2
98	Titania nanobundle networks as dye-sensitized solar cell photoanodes. Nanoscale, 2014, 6, 3704-3711.	5.6	34
99	Effect of TiO₂ microbead pore size on the performance of DSSCs with a cobalt based electrolyte. Nanoscale, 2014, 6, 13787-13794.	5.6	19
100	Formation of a Nanoparticulate Birnessiteâ€Like Phase in Purported Molecular Water Oxidation Catalyst Systems. ChemCatChem, 2014, 6, 2028-2038.	3.7	29
101	EGF Receptor-Targeting Peptide Conjugate Incorporating a Near-IR Fluorescent Dye and a Novel 1,4,7-Triazacyclononane-Based ⁶⁴Cu(II) Chelator Assembled via Click Chemistry. Bioconjugate Chemistry, 2014, 25, 1011-1022.	3.6	26
102	Zwitterionicâ€Coated â€œStealthâ€•Nanoparticles for Biomedical Applications: Recent Advances in Countering Biomolecular Corona Formation and Uptake by the Mononuclear Phagocyte System. Small, 2014, 10, 2516-2529.	10.0	409
103	Alâ€Modified Zinc Oxide Nanorods for Photoelectrochemical Water Oxidation (Eur. J. Inorg. Chem.) Tj ETQq1 1 0.784314 rgBT /Overlock	2.0	0
104	Alâ€Modified Zinc Oxide Nanorods for Photoelectrochemical Water Oxidation. European Journal of Inorganic Chemistry, 2014, 2014, 750-759.	2.0	20
105	Electronic structural insights into efficient MnO_xcatalysts. Journal of Materials Chemistry A, 2014, 2, 18199-18203.	10.3	40
106	Nanoscale structural disorder in manganese oxide particles embedded in Nafion. Journal of Materials Chemistry A, 2014, 2, 3730-3733.	10.3	24
107	Photoelectrochemical water oxidation by screen printed ZnO nanoparticle films: effect of pH on catalytic activity and stability. Nanoscale, 2014, 6, 7585.	5.6	39
108	Cooperative effects in homogenous water oxidation catalysis by mononuclear ruthenium complexes. Dalton Transactions, 2014, 43, 6819-6827.	3.3	14

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109	Controlling Interfacial Recombination in Aqueous Dyeâ€Sensitized Solar Cells by Octadecyltrichlorosilane Surface Treatment. Angewandte Chemie - International Edition, 2014, 53, 6933-6937.	13.8	55
110	A Fast Depositionâ€Crystallization Procedure for Highly Efficient Lead Iodide Perovskite Thinâ€Film Solar Cells. Angewandte Chemie - International Edition, 2014, 53, 9898-9903.	13.8	1,292
111	Synthesis, Characterization, and Biological Evaluation of New Ru(II) Polypyridyl Photosensitizers for Photodynamic Therapy. Journal of Medicinal Chemistry, 2014, 57, 7280-7292.	6.4	149
112	Gas-assisted preparation of lead iodide perovskite films consisting of a monolayer of single crystalline grains for high efficiency planar solar cells. Nano Energy, 2014, 10, 10-18.	16.0	504
113	Introducing manganese complexes as redox mediators for dye-sensitized solar cells. Physical Chemistry Chemical Physics, 2014, 16, 12021.	2.8	45
114	Manganese Oxides as Efficient Water Oxidation Catalysts. ChemCatChem, 2014, 6, 439-441.	3.7	17
115	Improved Photovoltages for p-Type Dye-Sensitized Solar Cells Using CuCrO₂ Nanoparticles. Journal of Physical Chemistry C, 2014, 118, 16375-16379.	3.1	72
116	Stable high efficiency dye-sensitized solar cells based on a cobalt polymer gel electrolyte. Chemical Communications, 2013, 49, 8997.	4.1	76
117	Role of Advanced Analytical Techniques in the Design and Characterization of Improved Catalysts for Water Oxidation. , 2013, , 305-339.		3
118	Water oxidation catalysts based on abundant 1st row transition metals. Coordination Chemistry Reviews, 2013, 257, 2607-2622.	18.8	367
119	Synthesis, Spectroscopic Properties, and Photoinduced CO-Release Studies of Functionalized Ruthenium(II) Polypyridyl Complexes: Versatile Building Blocks for Development of CORMâ€“Peptide Nucleic Acid Bioconjugates. Inorganic Chemistry, 2013, 52, 9297-9308.	4.0	70
120	X-ray fluorescence imaging of single human cancer cells reveals that the N-heterocyclic ligands of iodinated analogues of ruthenium anticancer drugs remain coordinated after cellular uptake. Journal of Biological Inorganic Chemistry, 2013, 18, 845-853.	2.6	21
121	Highly active nickel oxide water oxidation catalysts deposited from molecular complexes. Energy and Environmental Science, 2013, 6, 579-586.	30.8	231
122	Highly Efficient pâ€Type Dyeâ€Sensitized Solar Cells based on Tris(1,2â€diaminoethane)Cobalt(II)/(III) Electrolytes. Angewandte Chemie - International Edition, 2013, 52, 602-605.	13.8	177
123	Synthesis, characterization and coordination chemistry of aminophenylbenzothiazole substituted 1,4,7-triazacyclononane macrocycles. Polyhedron, 2013, 52, 128-138.	2.2	6
124	Diatom frustules as light traps enhance DSSC efficiency. Nanoscale, 2013, 5, 873-876.	5.6	74
125	Cyanomethylbenzoic Acid: An Acceptor for Donorâ€“Ïâ€“Acceptor Chromophores Used in Dyeâ€Sensitized Solar Cells. ChemSusChem, 2013, 6, 256-260.	6.8	47
126	Anodic deposition of NiOx water oxidation catalysts from macrocyclic nickel(ii) complexes. Catalysis Science and Technology, 2013, 3, 1725.	4.1	56

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127	Improvement of Catalytic Water Oxidation on MnO_x Films by Heat Treatment. ChemSusChem, 2013, 6, 643-651.	6.8	71
128	Stable Dyeâ€Sensitized Solar Cell Electrolytes Based on Cobalt(II)/(III) Complexes of a Hexadentate Pyridyl Ligand. Angewandte Chemie - International Edition, 2013, 52, 5527-5531.	13.8	87
129	Highly active screen-printed electrocatalysts for water oxidation based on Î²-manganese oxide. Energy and Environmental Science, 2013, 6, 2222.	30.8	151
130	Water Oxidation Catalysis by Nanoparticulate Manganese Oxide Thin Films: Probing the Effect of the Manganese Precursors. Chemistry of Materials, 2013, 25, 1098-1108.	6.7	110
131	Aqueous dye-sensitized solar cell electrolytes based on the cobalt(<scp>ii</scp>)/(<scp>iii</scp>) tris(bipyridine) redox couple. Energy and Environmental Science, 2013, 6, 121-127.	30.8	81
132	Di-heterometalation of thiol-functionalized peptide nucleic acids. Artificial DNA, PNA & XNA, 2013, 4, 11-18.	1.4	13
133	Design, synthesis, characterisation and in vitro studies of hydrophilic, colloidally stable, 64Cu(ii)-labelled, ultra-small iron oxide nanoparticles in a range of human cell lines. RSC Advances, 2013, 3, 22443.	3.6	19
134	Preparation and Characterization of Catalysts for Clean Energy: A Challenge for X-rays and Electrons. Australian Journal of Chemistry, 2012, 65, 608.	0.9	12
135	Molecular and Cellular Characterization of the Biological Effects of Ruthenium(II) Complexes Incorporating 2-Pyridyl-2-pyrimidine-4-carboxylic Acid. Journal of the American Chemical Society, 2012, 134, 20376-20387.	13.7	279
136	Specific uptake and interactions of peptide nucleic acid derivatives with biomimetic membranes. RSC Advances, 2012, 2, 4703.	3.6	13
137	Phosphodiester Cleavage Properties of Copper(II) Complexes of 1,4,7-Triazacyclononane Ligands Bearing Single Alkyl Guanidine Pendants. Inorganic Chemistry, 2012, 51, 939-953.	4.0	54
138	Dye Regeneration Kinetics in Dye-Sensitized Solar Cells. Journal of the American Chemical Society, 2012, 134, 16925-16928.	13.7	235
139	Dye regeneration and charge recombination in dye-sensitized solar cells with ferrocene derivatives as redox mediators. Energy and Environmental Science, 2012, 5, 7090.	30.8	156
140	A New Direction in Dye-Sensitized Solar Cells Redox Mediator Development: In Situ Fine-Tuning of the Cobalt(II)/(III) Redox Potential through Lewis Base Interactions. Journal of the American Chemical Society, 2012, 134, 16646-16653.	13.7	134
141	Improved photocurrents for p-type dye-sensitized solar cells using nano-structured nickel(ii) oxide microballs. Energy and Environmental Science, 2012, 5, 8896.	30.8	99
142	Distinct cellular fates for KP1019 and NAMI-A determined by X-ray fluorescence imaging of single cells. Metallomics, 2012, 4, 1051.	2.4	92
143	Towards Hydrogen Energy: Progress on Catalysts for Water Splitting. Australian Journal of Chemistry, 2012, 65, 577.	0.9	22
144	Syntheses, Structural, and Spectroscopic Properties of Copper(II) Complexes of Constrained Macrocyclic Ligands. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 146-151.	1.2	16

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145	Electrodeposited MnO_x Films from Ionic Liquid for Electrocatalytic Water Oxidation. Advanced Energy Materials, 2012, 2, 1013-1021.	19.5	122
146	Electrochemiluminescent Monomers for Solid Support Syntheses of Ru(II)-PNA Bioconjugates: Multimodal Biosensing Tools with Enhanced Duplex Stability. Inorganic Chemistry, 2012, 51, 3302-3315.	4.0	37
147	Copper(II), zinc(II) and nickel(II) complexes as nuclease mimetics. Coordination Chemistry Reviews, 2012, 256, 897-937.	18.8	177
148	Aqueous Dyeâ€Sensitized Solar Cell Electrolytes Based on the Ferricyanideâ€“Ferrocyanide Redox Couple. Advanced Materials, 2012, 24, 1222-1225.	21.0	110
149	Synthesis, colloidal stability and 64Cu labeling of iron oxide nanoparticles bearing different macrocyclic ligands. New Journal of Chemistry, 2011, 35, 2705.	2.8	23
150	The first homoleptic gold(i) thiosulfonate complex. Dalton Transactions, 2011, 40, 4803.	3.3	7
151	Analysis of 5-Hydroxyisoflavones by Surface-Enhanced Raman Spectroscopy: Genistein and Methoxy Derivatives. Journal of Physical Chemistry B, 2011, 115, 13943-13954.	2.6	11
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