

Paul J Low

List of Publications by Year in descending order

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246
papers

8,994
citations

39113

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h-index

71088

80
g-index

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all docs

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times ranked

6041
citing authors

#	ARTICLE	IF	CITATIONS
1	The syntheses, structures and spectroelectrochemical properties of 6-oxo-verdazyl derivatives bearing surface anchoring groups. <i>Journal of Materials Chemistry C</i> , 2022, 10, 1896-1915.	2.7	7
2	A one-pot synthesis of oligo(arylene-ethynylene)-molecular wires and their use in the further verification of molecular circuit laws. <i>Australian Journal of Chemistry</i> , 2022, 75, 506-522.	0.5	3
3	Redox-Addressable Single-Molecule Junctions Incorporating a Persistent Organic Radical**. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	25
4	The Use of Bridging Ligand Substituents to Bias the Population of Localized and Delocalized Mixed-Valence Conformers in Solution. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	5
5	Metal Complexes for Molecular Electronics. , 2021, , 38-80.		2
6	Iron vs. ruthenium: syntheses, structures and IR spectroelectrochemical characterisation of half-sandwich Group 8 acetylide complexes. <i>New Journal of Chemistry</i> , 2021, 45, 14932-14943.	1.4	7
7	Fabrication of metallic and non-metallic top electrodes for large-area molecular junctions. <i>Nanoscale</i> , 2021, 13, 9055-9074.	2.8	16
8	Synthesis of a diferrocenylvinylidene complex by migration of a ferrocenyl substituent. <i>Chemical Communications</i> , 2021, 57, 4251-4254.	2.2	7
9	Experimental Validation of Quantum Circuit Rules in Molecular Junctions*. <i>Australian Journal of Chemistry</i> , 2021, , .	0.5	6
10	Iron Versus Ruthenium: Evidence for the Distinct Differences in the Electronic Structures of Hexa-1,3,5-triyn-1,6-diyl-bridged Complexes $[\text{Cp}^*(\text{dppe})\text{M}]_{1/4}(\text{C}\equiv\text{C})_3\text{M}(\text{dppe})\text{Cp}^*]$ (M = Fe, Ru). <i>Organometallics</i> , 2021, 40, 346-357.		15
11	Molecular Structure (Thermo)electric Property Relationships in Single-Molecule Junctions and Comparisons with Single- and Multiple-Parameter Models. <i>Journal of the American Chemical Society</i> , 2021, 143, 3817-3829.	6.6	35
12	Rip It off: Nitro to Nitroso Reduction by Iron Half-Sandwich Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 4986-4995.	1.9	5
13	Uncapped Gold Nanoparticles for the Metallization of Organic Monolayers. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100876.	1.9	5
14	Syntheses and Structures of <i>trans</i> -bis(Alkenylacetylide) Ruthenium Complexes. <i>Chemistry - an Asian Journal</i> , 2021, 16, 3385-3403.	1.7	3
15	From ferrocene to 1,2,3,4,5-pentafluoroferrrocene: halogen effect on the properties of metallocene. <i>Dalton Transactions</i> , 2021, 50, 16933-16938.	1.6	8
16	Towards the design of effective multipodal contacts for use in the construction of Langmuir-Blodgett films and molecular junctions. <i>Journal of Materials Chemistry C</i> , 2020, 8, 672-682.	2.7	13
17	Further Chemistry of Ruthenium Alkenyl Acetylide Complexes: Routes to Allenylidene Complexes via a Series of Electrophilic Addition Reactions. <i>Organometallics</i> , 2020, 39, 2838-2853.	1.1	6
18	Synthesis, Structure and Physical Properties of "Wire-like" Metal Complexes. <i>Organometallics</i> , 2020, 39, 4667-4687.	1.1	17

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19	Mix and (Mis)match: further studies of the electronic structure and mixed-valence characteristics of 1,4-diethynylbenzene-bridged bimetallic complexes. Dalton Transactions, 2020, 49, 9835-9848.	1.6	8
20	Biodegradable Materials and Green Processing for Green Electronics. Advanced Materials, 2020, 32, e2001591.	11.1	168
21	Further Evidence for σ -Extended TM Cumulene Complexes: Derivatives from Reactions with Halide Anions and Water. Chemistry - A European Journal, 2020, 26, 7226-7234.	1.7	5
22	Turning the Tap: Conformational Control of Quantum Interference to Modulate Single-Molecule Conductance. Angewandte Chemie - International Edition, 2019, 58, 18987-18993.	7.2	42
23	Turning the Tap: Conformational Control of Quantum Interference to Modulate Single-Molecule Conductance. Angewandte Chemie, 2019, 131, 19163-19169.	1.6	12
24	New talent: Asia-Pacific. Dalton Transactions, 2019, 48, 7046-7046.	1.6	1
25	A Spectroscopic and Computationally Minimal Approach to the Analysis of Charge-Transfer Processes in Conformationally Fluxional Mixed-Valence and Heterobimetallic Complexes. Chemistry - A European Journal, 2019, 25, 8837-8853.	1.7	19
26	Electrically transmissive alkyne-anchored monolayers on gold. Nanoscale, 2019, 11, 7976-7985.	2.8	16
27	New routes to organometallic molecular junctions via a simple thermal processing protocol. Journal of Materials Chemistry C, 2019, 7, 6630-6640.	2.7	19
28	From ferrocene to fluorine-containing penta-substituted derivatives and all points in-between; or, how to increase the available chemical space. Organic and Biomolecular Chemistry, 2019, 17, 9352-9359.	1.5	19
29	Understanding the charge transport properties of redox active metal-organic conjugated wires. Chemical Science, 2018, 9, 3438-3450.	3.7	25
30	Rapid and sensitive colorimetric sensing of the insecticide pymetrozine using melamine-modified gold nanoparticles. Analytical Methods, 2018, 10, 417-421.	1.3	20
31	Iron versus Ruthenium: Clarifying the Electronic Differences between Prototypical Mixed-Valence Organometallic Butadiynyl Bridged Molecular Wires. Organometallics, 2018, 37, 1432-1445.	1.1	44
32	Redox Properties of Ferrocenyl Ene-diynyl-Bridged Cp*(dppe)M(C ₆ H ₄) ₂ 1,4-(C ₆ H ₄) ₂ Complexes. Organometallics, 2018, 37, 4156-4171.	1.1	12
33	Towards molecular electronic devices based on all-carbon wires. Nanoscale, 2018, 10, 14128-14138.	2.8	37
34	Metal bis(acetylide) complex molecular wires: concepts and design strategies. Dalton Transactions, 2018, 47, 14125-14138.	1.6	55
35	A Safe and Simple Synthesis of 1,4-Bis(trimethylsilyl)buta-1,3-diyne. Australian Journal of Chemistry, 2018, 71, 307.	0.5	3
36	Chiral NH-Controlled Supramolecular Metallacycles. Journal of the American Chemical Society, 2017, 139, 1554-1564.	6.6	122

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37	Syntheses and molecular structures of trans-bis(alkynyl) tetrakis-triethylphosphite ruthenium complexes. <i>Journal of Organometallic Chemistry</i> , 2017, 847, 242-250.	0.8	4
38	Coordinating Tectons. Experimental and Computational Infrared Data as Tools To Identify Conformational Isomers and Explore Electronic Structures of 4-Ethynyl-2,2'-bipyridine Complexes. <i>Organometallics</i> , 2017, 36, 1946-1961.	1.1	14
39	Single-Molecule Conductance Studies of Organometallic Complexes Bearing 3-Thienyl Contacting Groups. <i>Chemistry - A European Journal</i> , 2017, 23, 2133-2143.	1.7	50
40	Sandwich and half-sandwich metal complexes derived from cross-conjugated 3-methylene-penta-1,4-diyne. <i>Dalton Transactions</i> , 2017, 46, 5522-5531.	1.6	13
41	All-Carbon Electrode Molecular Electronic Devices Based on Langmuir-Blodgett Monolayers. <i>Small</i> , 2017, 13, 1603207.	5.2	16
42	Influence of surface coverage on the formation of 4,4'-bipyridinium (viologen) single molecular junctions. <i>Journal of Materials Chemistry C</i> , 2017, 5, 11717-11723.	2.7	13
43	Electronic Structures of Divinylchalcogenophene-Bridged Biruthenium Complexes: Exploring Trends from O to Te. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 5015-5026.	1.0	12
44	High surface coverage of a self-assembled monolayer by <i>in situ</i> synthesis of palladium nanodeposits. <i>Nanoscale</i> , 2017, 9, 13281-13290.	2.8	15
45	Optical Behaviors and Electronic Properties of Mo ₂ -Mo ₂ Mixed-Valence Complexes within or beyond the Class III Regime: Testing the Limits of the Two-State Model. <i>Journal of Physical Chemistry C</i> , 2017, 121, 27860-27873.	1.5	14
46	Insulated molecular wires: inhibiting orthogonal contacts in metal complex based molecular junctions. <i>Nanoscale</i> , 2017, 9, 9902-9912.	2.8	30
47	Synthesis, structure and redox chemistry of the aminoallenylidene complex [Mo{C C C(Me)NEt ₂ }(dppe)(-C ₇ H ₇)] [BPh ₄]. <i>Journal of Organometallic Chemistry</i> , 2017, 827, 15-22.	0.8	3
48	Optimised Syntheses of the Half-Sandwich Complexes FeCl(dppe)Cp*, FeCl(dppe)Cp, RuCl(dppe)Cp*, and RuCl(dppe)Cp. <i>Australian Journal of Chemistry</i> , 2017, 70, 113.	0.5	26
49	Molecular Electronics: History and Fundamentals. <i>Australian Journal of Chemistry</i> , 2016, 69, 244.	0.5	32
50	Molecular Wires: An Overview of the Building Blocks of Molecular Electronics. , 2016, , 87-116.		4
51	Single-Molecule Conductance of Viologen-Cucurbit[8]uril Host-Guest Complexes. <i>ACS Nano</i> , 2016, 10, 5212-5220.	7.3	82
52	Towards a metallic top contact electrode in molecular electronic devices exhibiting a large surface coverage by photoreduction of silver cations. <i>Journal of Materials Chemistry C</i> , 2016, 4, 9036-9043.	2.7	13
53	Rational Control of Conformational Distributions and Mixed-Valence Characteristics in Diruthenium Complexes. <i>Chemistry - A European Journal</i> , 2016, 22, 16138-16146.	1.7	38
54	Experimental and Computational Studies of the Single-Molecule Conductance of Ru(II) and Pt(II) <i>trans</i> -Bis(acetylide) Complexes. <i>Organometallics</i> , 2016, 35, 2944-2954.	1.1	49

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55	Low variability of single-molecule conductance assisted by bulky metal-molecule contacts. RSC Advances, 2016, 6, 75111-75121.	1.7	18
56	Electrochemically grafted single molecule junctions exploiting a chemical protection strategy. Electrochimica Acta, 2016, 220, 436-443.	2.6	11
57	Tetrakis(ferrocenylethynyl)ethene: Synthesis, (Spectro)electrochemical and quantum chemical characterisation. Journal of Organometallic Chemistry, 2016, 821, 40-47.	0.8	11
58	Solvent Dependence of the Single Molecule Conductance of Oligoynes-Based Molecular Wires. Journal of Physical Chemistry C, 2016, 120, 15666-15674.	1.5	67
59	Bis-Tridentate Iridium(III) Phosphors Bearing Functional 2-Phenyl-6-(imidazol-2-ylidene)pyridine and 2-(Pyrazol-3-yl)-6-phenylpyridine Chelates for Efficient OLEDs. Organometallics, 2016, 35, 1813-1824.	1.1	63
60	Effects of Electrode-Molecule Binding and Junction Geometry on the Single-Molecule Conductance of bis-2,2':6''-2,2''-Terpyridine-based Complexes. Inorganic Chemistry, 2016, 55, 2691-2700.	1.9	22
61	Clusters as ligands: Synthesis, structure and coordination chemistry of ruthenium clusters derived from 4- and 5-ethynyl-2,2'-bipyridine. Journal of Organometallic Chemistry, 2016, 812, 190-196.	0.8	8
62	Electrical characterization of single molecule and Langmuir-Blodgett monomolecular films of a pyridine-terminated oligo(phenylene-ethynylene) derivative. Beilstein Journal of Nanotechnology, 2015, 6, 1145-1157.	1.5	17
63	Alkyne substituted mononuclear photocatalysts based on [RuCl(bpy)(tpy)] ⁺ . Dalton Transactions, 2015, 44, 11368-11379.	1.6	10
64	Reactions of alkynes with cis-RuCl ₂ (dppm) ₂ : exploring the interplay of vinylidene, alkynyl and η^3 -butenyne complexes. Dalton Transactions, 2015, 44, 21016-21024.	1.6	15
65	Syntheses and Structures of Buta-1,3-Diynyl Complexes from η^6 -Complex-Cross-Coupling Reactions. Organometallics, 2015, 34, 2395-2405.	1.1	16
66	Syntheses, structural characterisation and electronic structures of some simple acyclic amino carbene complexes. Dalton Transactions, 2015, 44, 14341-14348.	1.6	19
67	Syntheses and reductions of C-dimesitylboryl-1,2-dicarba-closo-dodecaboranes. Dalton Transactions, 2015, 44, 9766-9781.	1.6	53
68	Enhanced bi-stability in a ruthenium alkynyl spiropyran complex. Dalton Transactions, 2015, 44, 8812-8815.	1.6	19
69	Near infrared-emitting tris-bidentate Os(II) phosphors: control of excited state characteristics and fabrication of OLEDs. Journal of Materials Chemistry C, 2015, 3, 4910-4920.	2.7	52
70	Alkynyl-Phosphine Substituted Fe ₂ S ₂ Clusters: Synthesis, Structure and Spectroelectrochemical Characterization of a Cluster with a Class III Mixed-Valence [FeFe] ³⁺ Core. Journal of Cluster Science, 2015, 26, 233-246.	1.7	4
71	Rapid Markovnikov addition of HCl to a pendant alkyne: evidence for a quinoidal cumulene. Chemical Communications, 2015, 51, 9362-9365.	2.2	8
72	Synthesis, Electrochemistry, and Single-Molecule Conductance of Bimetallic 2,3,5,6-Tetra(pyridine-2-yl)pyrazine-Based Complexes. Inorganic Chemistry, 2015, 54, 5487-5494.	1.9	37

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73	Electron Delocalization in Reduced Forms of 2-(BMes ₂)pyrene and 2,7-Bis(BMes ₂)pyrene. <i>Journal of the American Chemical Society</i> , 2015, 137, 6750-6753.	6.6	134
74	Ir(III)-Based Phosphors with Bipyrazolate Ancillaries; Rational Design, Photophysics, and Applications in Organic Light-Emitting Diodes. <i>Inorganic Chemistry</i> , 2015, 54, 10811-10821.	1.9	36
75	Electrochemical Single-Molecule Transistors with Optimized Gate Coupling. <i>Journal of the American Chemical Society</i> , 2015, 137, 14319-14328.	6.6	94
76	Cross-Conjugated Systems Based On An (<i>E</i>)-Hexa-3-en-1,5-diyne-3,4-diyl Skeleton: Spectroscopic and Spectroelectrochemical Investigations. <i>Journal of Organic Chemistry</i> , 2015, 80, 11501-11512.	1.7	7
77	Influence of P- Bonded Bulky Substituents on Electronic Interactions in Ferrocenyl-Substituted Phospholes. <i>Chemistry - A European Journal</i> , 2015, 21, 11545-11559.	1.7	39
78	Broad-Band NIR Transient Absorption Spectroscopy of an All-Carbon-Bridged Bimetallic Radical Cation Complex. <i>Organometallics</i> , 2015, 34, 3923-3926.	1.1	23
79	Single Gold Atom Containing Oligo(phenylene)ethynylene: Assembly into LB Films and Electrical Characterization. <i>Journal of Physical Chemistry C</i> , 2015, 119, 784-793.	1.5	30
80	Synthesis and redox properties of mono-, di- and tri-metallic platinum-ethynyl complexes based on the trans-Pt(C ₆ H ₄ N{C ₆ H ₄ OCH ₃ -4}) ₂ (C CR)(PPh ₃) ₂ motif. <i>Polyhedron</i> , 2015, 86, 31-42.	1.0	6
81	Electronic structure and spectroscopy of the cycloheptatrienyl molybdenum halide complexes [MoBrL ₂ (η -C ₇ H ₇)] ⁺ (L ₂ = 2CO, n = 0; L ₂ = 2,2'-bipyridyl, n = 0 or 1). <i>Polyhedron</i> , 2015, 86, 89-97.	1.0	3
82	Towards the Fabrication of the Top-Contact Electrode in Molecular Junctions by Photoreduction of a Metal Precursor. <i>Chemistry - A European Journal</i> , 2014, 20, 3421-3426.	1.7	13
83	Molecular Electronic Devices: From an Organometallic Monolayer to an Organic Monolayer Covered by Metal Nanoislands: A Simple Thermal Protocol for the Fabrication of the Top Contact Electrode in Molecular Electronic Devices (<i>Adv. Mater. Interfaces</i> 9/2014). <i>Advanced Materials Interfaces</i> , 2014, 1, .	1.9	1
84	From an Organometallic Monolayer to an Organic Monolayer Covered by Metal Nanoislands: A Simple Thermal Protocol for the Fabrication of the Top Contact Electrode in Molecular Electronic Devices. <i>Advanced Materials Interfaces</i> , 2014, 1, 1400128.	1.9	21
85	Synthesis, Characterization, Electrochemistry, and Computational Studies of Ferrocenyl-Substituted Siloles. <i>Organometallics</i> , 2014, 33, 4836-4845.	1.1	49
86	Coordinating Tectons: Bimetallic Complexes from Bipyridyl Terminated Group 8 Alkynyl Complexes. <i>Organometallics</i> , 2014, 33, 4911-4922.	1.1	20
87	Long range charge transfer in trimetallic mixed-valence iron complexes mediated by redox non-innocent cyanoacetylide ligands. <i>Dalton Transactions</i> , 2014, 43, 6291-6294.	1.6	17
88	Preparation of nascent molecular electronic devices from gold nanoparticles and terminal alkyne functionalised monolayer films. <i>Journal of Materials Chemistry C</i> , 2014, 2, 7348-7355.	2.7	36
89	A Combined Computational and Spectroelectrochemical Study of Platinum-Bridged Bis-Triarylamine Systems. <i>Inorganic Chemistry</i> , 2014, 53, 1544-1554.	1.9	43
90	Combined Spectroscopic and Quantum Chemical Study of [<i>trans</i> -Ru(Câ% ₀ iCC ₆ H ₄ R ¹)(dppe) ₂] ⁿ⁺ and [<i>trans</i> -Ru(Câ% ₀ iCC ₆ H ₄ R ¹)(Câ% ₀ iCC ₆ H ₄ R ²) ₂] ⁿ⁺ (<i>n</i> = 0, 1) Complexes: Interpretations beyond the Lowest Energy Conformer Paradigm. <i>Organometallics</i> , 2014, 33, 4947-4963.	1.1	66

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91	Palladium-catalyzed formation of secondary and tertiary amines from aryl dihalides with air-stable ferrocenyl tri- and diphosphines: Synthesis and X-ray structure of efficient catalysts beyond [PdCl ₂ (DPPF)]. <i>Catalysis Communications</i> , 2014, 51, 10-14.	1.6	9
92	Mixed-valence Ruthenium Complexes Rotating through a Conformational Robin-Day Continuum. <i>Chemistry - A European Journal</i> , 2014, 20, 6895-6908.	1.7	76
93	Simplifying the conductance profiles of molecular junctions: the use of the trimethylsilylethynyl moiety as a molecule-gold contact. <i>Dalton Transactions</i> , 2013, 42, 338-341.	1.6	83
94	Electrochemical and spectroelectrochemical studies of C-benzodiazaborolyl-ortho-carboranes. <i>Dalton Transactions</i> , 2013, 42, 2266-2281.	1.6	87
95	Spectroelectrochemistry: A valuable tool for the study of organometallic-alkyne, -vinylidene, -cumulene, -alkynyl and related complexes. <i>Electrochimica Acta</i> , 2013, 110, 681-692.	2.6	29
96	The structure and coordinative self-assembly of films based on a palladium compound of pyridyl-acetylene platinum and its application in Suzuki and Heck coupling reactions. <i>Journal of Materials Chemistry A</i> , 2013, 1, 9164.	5.2	12
97	Twists and turns: Studies of the complexes and properties of bimetallic complexes featuring phenylene ethynylene and related bridging ligands. <i>Coordination Chemistry Reviews</i> , 2013, 257, 1507-1532.	9.5	149
98	Modification of Electrode Surfaces by Self-Assembled Monolayers of Thiol-Terminated Oligo(Phenyleneethynylene)s. <i>ChemPhysChem</i> , 2013, 14, 431-440.	1.0	21
99	The preparation, characterisation and electronic structures of 2,4-pentadiynyl nitrile (cyanobutadiynyl) complexes. <i>Dalton Transactions</i> , 2013, 42, 4240.	1.6	7
100	Some Ruthenium Derivatives of Penta-1,4-diyne-3-one. <i>Organometallics</i> , 2013, 32, 3286-3299.	1.1	37
101	Controlling the Structural and Electrical Properties of Diacid Oligo(Phenylene Ethynylene) Langmuir-Blodgett Films. <i>Chemistry - A European Journal</i> , 2013, 19, 5352-5363.	1.7	16
102	Straightforward Access to Tetrametallic Complexes with a Square Array by Oxidative Dimerization of Organometallic Wires. <i>Organometallics</i> , 2013, 32, 5015-5025.	1.1	39
103	Synthesis and (Spectro)electrochemical Behavior of 2,5-Diferrocenyl-1-phenyl-1-ethynyl-phosphole. <i>Organometallics</i> , 2013, 32, 2993-3002.	1.1	75
104	Syntheses, Spectroelectrochemical Studies, and Molecular and Electronic Structures of Ferrocenyl Ene-diynes. <i>Organometallics</i> , 2013, 32, 6022-6032.	1.1	21
105	Molecular Wires using (Oligo)pyrroles as Connecting Units: An Electron Transfer Study. <i>Organometallics</i> , 2013, 32, 6106-6117.	1.1	60
106	Refining the Interpretation of Near-Infrared Band Shapes in a Polyyne-diyl Molecular Wire. <i>Chemistry - A European Journal</i> , 2013, 19, 9780-9784.	1.7	61
107	Synthesis and Characterization of Dithia[3.3]paracyclophane-Bridged Binuclear Ruthenium Vinyl and Alkynyl Complexes. <i>Organometallics</i> , 2012, 31, 5321-5333.	1.1	43
108	Substitution of Tetracyanoethene by Ethynyl-Metal Complexes Gives Tricyanovinylethynyl (Tricyanobutenynyl) Derivatives: Syntheses, Protonation, and Addition of Metal-Ligand Fragments. <i>Organometallics</i> , 2012, 31, 2639-2657.	1.1	14

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109	Synthesis, Redox Chemistry, and Electronic Structure of the Butadiynyl and Hexatriynyl Complexes [Mo{(Câ% _j C) _n Câ% _j CR}(L ₂)(Î-C ₇ H ₇)] ^{z+} (n = 1, 2; z = 0, 1; R = SiMe ₃ , H; L ₂ = 2,2'-bipyridine, Tj ETQq1 1 0.784314 rgBT / Overlock	1.1	14
110	Orbital Symmetry Control of Electronic Coupling in a Symmetrical, All-Carbon-Bridged σ -Mixed Valence Compound: Synthesis, Spectroscopy, and Electronic Structure of [Mo(dppe)(Î-C ₇ H ₇)] ₂ (Î ^{1/4} -C ₄) ⁿ⁺ (n = 0, 1, or 2). Organometallics, 2012, 31, 157-169.	1.1	34
111	Facile Decarboxylation of Propiolic Acid on a Ruthenium Center and Related Chemistry. Organometallics, 2012, 31, 5262-5273.	1.1	13
112	Syntheses, structures and redox properties of tris(pyrazolyl)borate-capped ruthenium vinyl complexes. Journal of Organometallic Chemistry, 2012, 721-722, 173-185.	0.8	4
113	Acetylene Used as a New Linker for Molecular Junctions in Phenylene-Ethynylene Oligomer Langmuir-Blodgett Films. Journal of Physical Chemistry C, 2012, 116, 9142-9150.	1.5	22
114	Synthesis, Structure and Electrochemical Properties of Triarylamine Bridged Dicobaltdicarbon Tetrahedrane Clusters. Journal of Cluster Science, 2012, 23, 853-872.	1.7	4
115	The synthesis, molecular and electronic structure of cyanovinylidene complexes. Inorganica Chimica Acta, 2012, 380, 358-371.	1.2	14
116	Experimental and Theoretical Studies on Organic Dâ€¦â€¦A Systems Containing Threeâ€¦Coordinate Boron Moieties as both Î€Donor and Î€Acceptor. Chemistry - A European Journal, 2012, 18, 1369-1382.	1.7	80
117	Ligand Redox Non-Innocence in Transitionâ€¦Metal Î€Alkynyl and Related Complexes. European Journal of Inorganic Chemistry, 2012, 2012, 390-411.	1.0	69
118	Synthesis, photoluminescence, catalysis and multilayer film assembly of an ethynylpyridine platinum compound. CrystEngComm, 2011, 13, 920-926.	1.3	6
119	Simultaneous Bridge-Localized and Mixed-Valence Character in Diruthenium Radical Cations Featuring Diethynylaromatic Bridging Ligands. Journal of the American Chemical Society, 2011, 133, 18433-18446.	6.6	138
120	Looking Ahead: Challenges and Opportunities in Organometallic Chemistryâ€. Organometallics, 2011, 30, 7-12.	1.1	22
121	Directionally Oriented LB Films of an OPE Derivative: Assembly, Characterization, and Electrical Properties. Langmuir, 2011, 27, 3600-3610.	1.6	29
122	Spectroscopic and Computational Studies of the Ligand Redox Non-Innocence in Mono- and Binuclear Ruthenium Vinyl Complexes. Organometallics, 2011, 30, 1852-1858.	1.1	63
123	Molybdenum Complexes of σ -C ₂ -Bis(ethynyl)carboranes: Design, Synthesis, and Study of a Weakly Coupled Mixed-Valence Compound. Organometallics, 2011, 30, 884-894.	1.1	29
124	Ligand redox non-innocent behaviour in ruthenium complexes of ethynyl tolans. Inorganica Chimica Acta, 2011, 374, 461-471.	1.2	16
125	Synthesis, Redox Chemistry, and Electronic Structure of the Alkynyl Cyclopentadienyl Molybdenum Complexes [Mo(Câ% _j CR)(CO)(L ₂)Cpâ€²] ⁿ⁺ (n = 0 or 1; R = Ph or) Tj ETQq1 1 0.784314 rgBT / Overlock	1.1	11
126	Spectroscopic Evidence for Redox Isomerism in the 1,4-Diethynylbenzene-Bridged Heterobimetallic Cation [Fe(dppe)Cp*](Î ^{1/4} -Câ% _j CC ₆ H ₄ Câ% _j C){Mo(dppe)(Î-C ₇ H ₇)] ¹⁺ PF ₆ ⁻ . Organometallics, 2011, 30, 4180-4195.	1.1	58

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127	Synthesis, spectroscopy and electronic structure of the vinylidene and alkynyl complexes $[W(C\equiv CHR)(dppe)(\eta^7-C_7H_7)]^+$ and $[W(C\equiv CR)(dppe)(\eta^7-C_7H_7)]^+$ ($n = 0$ or 1). Dalton Transactions, 2011, 40, 1267-1278.	1.6	13
128	Homoleptic transition metal acetylides. Coordination Chemistry Reviews, 2011, 255, 241-272.	9.5	117
129	Cross-coupling reactions of gold(I) alkynyl and polyyndiyl complexes. Journal of Organometallic Chemistry, 2011, 696, 2172-2176.	0.8	18
130	Metal-stabilised diyne radicals: structure and reactivity of $[Mo(C\equiv C\equiv C\equiv CSiMe_3)L_2(\eta^7-C_7H_7)]^{TM+}$ ($L_2 =$)	2.2	29
131	Electronic Interactions Between and Through Covalently-Bonded Polymetallic Complexes. Journal of Cluster Science, 2010, 21, 235-278.	1.7	70
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240	Alkenylvinylidene and allenylidene complexes: evidence for the formation of a metal-trienylidene intermediate. <i>Chemical Communications</i> , 1996, , 1009-1010.	2.2	43
241	Five oxidation states in metal-bonded C ₄ chains. <i>Mendeleev Communications</i> , 1996, 6, 200-201.	0.6	46
242	Expeditious synthesis of Re ₃ (η^5 -H) ₃ (CO) ₁₁ (NCMe). <i>Journal of Organometallic Chemistry</i> , 1996, 519, 221-222.	0.8	27
243	Cyclopentadienyl-Ruthenium and -Osmium Chemistry. XL. X-Ray Crystal Structures of MBr (PPh ₃) ₂ (η^5 -C ₅ H ₅).CH ₂ Cl ₂ (M = Ru, Os). <i>Australian Journal of Chemistry</i> , 1995, 48, 1887.	0.5	31
244	Rhenium complexes from alkynes. X-Ray crystal structures of Re ₂ (η^5 -1,5-C ₄ Ph ₄) (CO) ₇ and Re{C,O-CH \rightarrow C[Re(CO) ₄ (NMe ₃)]C(OMe)O}(CO) ₄ . <i>Journal of Organometallic Chemistry</i> , 1994, 464, 191-195.	0.8	8
245	Dalton communications. Some unusual gold and rhodium-rhenium clusters. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 3145-3146.	1.1	8
246	Redox-Addressable Single-Molecule Junctions Incorporating a Persistent Organic Radical**. <i>Angewandte Chemie</i> , 0, , .	1.6	0