Clifford P Kubiak

List of Publications by Year
in descending order

124 papers	12,711 citations	28274 55 h-index	23533 111 g-index
126 all docs	126 docs citations	126 times ranked	10417 citing authors

#	Article	IF	Citations
1	Electrochemical Reduction of CO2 Using Group VII Metal Catalysts. Trends in Chemistry, 2021, 3, 176-187.	8.5	22
2	Vibrational Stark shift spectroscopy of catalysts under the influence of electric fields at electrodeâ€“solution interfaces. Chemical Science, 2021, 12, 10131-10149.	7.4	25
3	The electrochemical reduction of a flexible Mn(ii) salen-based metalâ€“organic framework. Dalton Transactions, 2021, 50, 12821-12825.	3.3	0
4	Electronic Structural Studies of the Ru₃(III,II,II) Mixed-Valent State of Oxo-Centered Triruthenium Clusters. Inorganic Chemistry, 2020, 59, 10532-10539.	4.0	7
5	Full Conformational Analyses of the Ultrafast Isomerization in Penta-coordinated Ru(S2C2(CF3)2)(CO)(PPh3)2: One Compound, Two Crystal Structures, Three CO Frequencies, 24 Stereoisomers, and 48 Transition States. Inorganic Chemistry, 2020, 59, 11757-11769.	4.0	1
6	Investigation of Immobilization Effects on Ni(P₂N₂)₂ Electrocatalysts. Inorganic Chemistry, 2020, 59, 16872-16881.	4.0	6
7	Steric and electronic control of an ultrafast isomerization. Chemical Science, 2019, 10, 7907-7912.	7.4	3
8	Improving Photocatalysis for the Reduction of CO₂ through Non-covalent Supramolecular Assembly. Journal of the American Chemical Society, 2019, 141, 14961-14965.	13.7	89
9	Re(tBu-bpy)(CO)₃Cl Supported on Multi-Walled Carbon Nanotubes Selectively Reduces CO₂ in Water. Journal of the American Chemical Society, 2019, 141, 17270-17277.	13.7	64
10	Direct observation of the intermediate in an ultrafast isomerization. Chemical Science, 2019, 10, 113-117.	7.4	12
11	Dodecaboraneâ€Based Dopants Designed to Shield Anion Electrostatics Lead to Increased Carrier Mobility in a Doped Conjugated Polymer. Advanced Materials, 2019, 31, e1805647.	21.0	90
12	Photooxidative Generation of Dodecaborate-Based Weakly Coordinating Anions. Inorganic Chemistry, 2019, 58, 10516-10526.	4.0	7
13	Heterogenized Molecular Catalysts: Vibrational Sum-Frequency Spectroscopic, Electrochemical, and Theoretical Investigations. Accounts of Chemical Research, 2019, 52, 1289-1300.	15.6	53
14	The spectroelectrochemical behaviour of redox-active manganese salen complexes. Dalton Transactions, 2019, 48, 3704-3713.	3.3	25
15	Facile Solvent-Free Synthesis of Thin Iron Porphyrin COFs on Carbon Cloth Electrodes for CO₂ Reduction. Chemistry of Materials, 2019, 31, 1908-1919.	6.7	103
16	Thermodynamic targeting of electrocatalytic CO₂ reduction: advantages, limitations, and insights for catalyst design. Dalton Transactions, 2019, 48, 15841-15848.	3.3	13
17	Selective Reduction of CO₂ to CO by a Molecular Re(ethynyl-bpy)(CO)₃Cl Catalyst and Attachment to Carbon Electrode Surfaces. Organometallics, 2019, 38, 1204-1207.	2.3	27
18	Symmetry-Breaking Charge Transfer in Boron Dipyridylmethene (DIPYR) Dimers. ACS Applied Energy Materials, 2018, 1, 1083-1095.	5.1	52

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19	Synthesis and Characterization of Heteroleptic Ni(II) Bipyridine Complexes Bearing Bis(N-heterocyclic) Tj ETQq1 1 0.784314 rgBT /Overl	2.3	17
20	Kinetic and Mechanistic Effects of Bipyridine (bpy) Substituent, Labile Ligand, and BrÃ¸nsted Acid on Electrocatalytic CO₂ Reduction by Re(bpy) Complexes. ACS Catalysis, 2018, 8, 2021-2029.	11.2	155
21	Hydricity of Transition-Metal Hydrides: Thermodynamic Considerations for CO₂ Reduction. ACS Catalysis, 2018, 8, 1313-1324.	11.2	171
22	Covalent attachment of [Ni(alkynyl-cyclam)]²⁺ catalysts to glassy carbon electrodes. Chemical Communications, 2018, 54, 4116-4119.	4.1	40
23	Transition Metal Hydride Catalysts for Sustainable Interconversion of CO₂ and Formate: Thermodynamic and Mechanistic Considerations. ACS Sustainable Chemistry and Engineering, 2018, 6, 6841-6848.	6.7	49
24	CO₂ Reduction Catalysts on Gold Electrode Surfaces Influenced by Large Electric Fields. Journal of the American Chemical Society, 2018, 140, 17643-17655.	13.7	103
25	Stable Mixed-Valent Complexes Formed by Electron Delocalization Across Hydrogen Bonds of Pyrimidinone-Linked Metal Clusters. Journal of the American Chemical Society, 2018, 140, 12756-12759.	13.7	22
26	Utilization of Thermodynamic Scaling Relationships in Hydricity To Develop Nickel Hydrogen Evolution Reaction Electrocatalysts with Weak Acids and Low Overpotentials. ACS Catalysis, 2018, 8, 9596-9603.	11.2	31
27	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.	3.6	18
28	Hydrophobic Nanoparticles Reduce the Î²-Sheet Content of SEVI Amyloid Fibrils and Inhibit SEVI-Enhanced HIV Infectivity. Langmuir, 2017, 33, 2596-2602.	3.5	11
29	Concerted One-Electron Two-Proton Transfer Processes in Models Inspired by the Tyr-His Couple of Photosystem II. ACS Central Science, 2017, 3, 372-380.	11.3	80
30	Charged Macromolecular Rhenium Bipyridine Catalysts with Tunable CO 2 Reduction Potentials. Chemistry - A European Journal, 2017, 23, 8619-8622.	3.3	30
31	Chelated [Zn(cyclam)]²⁺Lewis acid improves the reactivity of the electrochemical reduction of CO₂by Mn catalysts with bulky bipyridine ligands. Dalton Transactions, 2017, 46, 12413-12416.	3.3	24
32	Effects of electron transfer on the stability of hydrogen bonds. Chemical Science, 2017, 8, 7324-7329.	7.4	16
33	Interfacial Structure and Electric Field Probed by <i>in Situ</i> Electrochemical Vibrational Stark Effect Spectroscopy and Computational Modeling. Journal of Physical Chemistry C, 2017, 121, 18674-18682.	3.1	77
34	Electrode-Ligand Interactions Dramatically Enhance CO₂ Conversion to CO by the [Ni(cyclam)](PF₆)₂ Catalyst. ACS Catalysis, 2017, 7, 5282-5288.	11.2	43
35	Interrogating heterobimetallic co-catalytic responses for the electrocatalytic reduction of CO2 using supramolecular assembly. Dalton Transactions, 2016, 45, 15942-15950.	3.3	18
36	Rapid synthesis of redox-active dodecaborane B₁₂(OR)₁₂clusters under ambient conditions. Inorganic Chemistry Frontiers, 2016, 3, 711-717.	6.0	44

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37	Photocatalytic Reduction of Carbon Dioxide to CO and HCO₂H Using <i>fac</i>-Mn(CN)(bpy)(CO)₃. Inorganic Chemistry, 2016, 55, 3192-3198.	4.0	100
38	Electrocatalytic reduction of carbon dioxide with Mn(terpyridine) carbonyl complexes. Dalton Transactions, 2016, 45, 17179-17186.	3.3	40
39	Tuning Electron Delocalization and Transfer Rates in Mixed-Valent Ru₃O Complexes through â€œPushâ€“Pullâ€•Effects. Journal of Physical Chemistry A, 2016, 120, 6309-6316.	2.5	10
40	Electrochemical Properties and CO₂-Reduction Ability of <i>m</i>-Terphenyl Isocyanide Supported Manganese Tricarbonyl Complexes. Inorganic Chemistry, 2016, 55, 12400-12408.	4.0	32
41	Paired Electrolysis in the Simultaneous Production of Synthetic Intermediates and Substrates. Journal of the American Chemical Society, 2016, 138, 15110-15113.	13.7	116
42	Improving the Efficiency and Activity of Electrocatalysts for the Reduction of CO₂ through Supramolecular Assembly with Amino Acid-Modified Ligands. Journal of the American Chemical Society, 2016, 138, 8184-8193.	13.7	59
43	Characterizing interstate vibrational coherent dynamics of surface adsorbed catalysts by fourth-order 3D SFG spectroscopy. Chemical Physics Letters, 2016, 650, 1-6.	2.6	28
44	Re(I) NHC Complexes for Electrocatalytic Conversion of CO₂. Inorganic Chemistry, 2016, 55, 3136-3144.	4.0	77
45	Manganese Electrocatalysts with Bulky Bipyridine Ligands: Utilizing Lewis Acids To Promote Carbon Dioxide Reduction at Low Overpotentials. Journal of the American Chemical Society, 2016, 138, 1386-1393.	13.7	247
46	Orientation of Cyano-Substituted Bipyridine Re(I) <i>fac</i>-Tricarbonyl Electrocatalysts Bound to Conducting Au Surfaces. Journal of Physical Chemistry C, 2016, 120, 1657-1665.	3.1	46
47	Electron-Transfer Reactions of Electronically Excited Zinc Tetraphenylporphyrin with Multinuclear Ruthenium Complexes. Journal of Physical Chemistry B, 2015, 119, 7473-7479.	2.6	10
48	The Homogeneous Reduction of CO₂ by [Ni(cyclam)]⁺: Increased Catalytic Rates with the Addition of a CO Scavenger. Journal of the American Chemical Society, 2015, 137, 3565-3573.	13.7	200
49	A Molecular Ruthenium Electrocatalyst for the Reduction of Carbon Dioxide to CO and Formate. Journal of the American Chemical Society, 2015, 137, 8564-8571.	13.7	129
50	Electrocatalytic Dihydrogen Production by an Earth-Abundant Manganese Bipyridine Catalyst. Inorganic Chemistry, 2015, 54, 6674-6676.	4.0	64
51	Reductive Disproportionation of Carbon Dioxide by an Alkyl-Functionalized Pyridine Monoimine Re(I) <i>fac</i>-Tricarbonyl Electrocatalyst. Organometallics, 2015, 34, 4678-4683.	2.3	37
52	Incorporation of Pendant Bases into Rh(diphosphine)₂ Complexes: Synthesis, Thermodynamic Studies, And Catalytic CO₂ Hydrogenation Activity of [Rh(P₂N₂)₂]⁺ Complexes. Journal of the American Chemical Society, 2015, 137, 8251-8260.	13.7	55
53	Photocatalytic CO₂Reduction to Formate Using a Mn(I) Molecular Catalyst in a Robust Metalâ€“Organic Framework. Inorganic Chemistry, 2015, 54, 6821-6828.	4.0	293
54	Synthesis and Structural Studies of Nickel(0) Tetracarbene Complexes with the Introduction of a New Four-Coordinate Geometric Index, Ï„_{Î´}. Inorganic Chemistry, 2015, 54, 3211-3217.	4.0	88

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55	Electron Dynamics and IR Peak Coalescence in Bridged Mixed Valence Dimers Studied by Ultrafast 2D-IR Spectroscopy. Journal of Physical Chemistry B, 2015, 119, 10738-10749.	2.6	6
56	Short-Range Catalystâ€"Surface Interactions Revealed by Heterodyne Two-Dimensional Sum Frequency Generation Spectroscopy. Journal of Physical Chemistry Letters, 2015, 6, 4204-4209.	4.6	42
57	Electrocatalytic Reduction of Carbon Dioxide by Mn(CN)(2,2â€²-bipyridine)(CO)₃: CN Coordination Alters Mechanism. Inorganic Chemistry, 2015, 54, 8849-8856.	4.0	72
58	Fe-Porphyrin-Based Metalâ€"Organic Framework Films as High-Surface Concentration, Heterogeneous Catalysts for Electrochemical Reduction of CO₂. ACS Catalysis, 2015, 5, 6302-6309.	11.2	639
59	Synthesis, Spectroscopy, and Electrochemistry of (Î±-Diimine)M(CO)₃Br, M = Mn, Re, Complexes: Ligands Isoelectronic to Bipyridyl Show Differences in CO₂ Reduction. Organometallics, 2015, 34, 3-12.	2.3	72
60	Electrocatalytic CO₂ reduction by M(bpy-R)(CO)₄ (M = Mo, W; R = H, tBu) complexes. Electrochemical, spectroscopic, and computational studies and comparison with group 7 catalysts. Chemical Science, 2014, 5, 1894-1900.	7.4	100
61	Electro and photoelectrochemical reduction of carbon dioxide on multimetallic porphyrins/polyoxotungstate modified electrodes. Electrochimica Acta, 2014, 115, 146-154.	5.2	56
62	On the Observation of Intervalence Charge Transfer Bands in Hydrogen-Bonded Mixed-Valence Complexes. Journal of the American Chemical Society, 2014, 136, 1710-1713.	13.7	35
63	Recent Studies of Rhenium and Manganese Bipyridine Carbonyl Catalysts for the Electrochemical Reduction of CO2. Advances in Inorganic Chemistry, 2014, 66, 163-188.	1.0	72
64	Mechanistic Contrasts between Manganese and Rhenium Bipyridine Electrocatalysts for the Reduction of Carbon Dioxide. Journal of the American Chemical Society, 2014, 136, 16285-16298.	13.7	269
65	Supramolecular Assembly Promotes the Electrocatalytic Reduction of Carbon Dioxide by Re(I) Bipyridine Catalysts at a Lower Overpotential. Journal of the American Chemical Society, 2014, 136, 14598-14607.	13.7	128
66	Manganese Catalysts with Bulky Bipyridine Ligands for the Electrocatalytic Reduction of Carbon Dioxide: Eliminating Dimerization and Altering Catalysis. Journal of the American Chemical Society, 2014, 136, 5460-5471.	13.7	394
67	Developing a Mechanistic Understanding of Molecular Electrocatalysts for CO₂ Reduction using Infrared Spectroelectrochemistry. Organometallics, 2014, 33, 4550-4559.	2.3	186
68	A Series of Dinuclear Copper Complexes Bridged by Phosphanylbipyridine Ligands: Synthesis, Structural Characterization and Electrochemistry. European Journal of Inorganic Chemistry, 2013, 2013, 4016-4023.	2.0	15
69	Inorganic Electron Transfer: Sharpening a Fuzzy Border in Mixed Valency and Extending Mixed Valency across Supramolecular Systems. Inorganic Chemistry, 2013, 52, 5663-5676.	4.0	71
70	Elucidation of the Selectivity of Proton-Dependent Electrocatalytic CO₂ Reduction by <i>fac</i>-Re(bpy)(CO)₃Cl. Journal of the American Chemical Society, 2013, 135, 15823-15829.	13.7	238
71	Manganese as a Substitute for Rhenium in CO₂ Reduction Catalysts: The Importance of Acids. Inorganic Chemistry, 2013, 52, 2484-2491.	4.0	359
72	Direct observation of the reduction of carbon dioxide by rhenium bipyridine catalysts. Energy and Environmental Science, 2013, 6, 3748.	30.8	130

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73	Structural and spectroscopic studies of reduced [Re(bpy-R)(CO)3]â^'1 species relevant to CO2 reduction. Polyhedron, 2013, 58, 229-234.	2.2	58
74	The Electronic States of Rhenium Bipyridyl Electrocatalysts for CO₂ Reduction as Revealed by Xâ€ray Absorption Spectroscopy and Computational Quantum Chemistry. Angewandte Chemie - International Edition, 2013, 52, 4841-4844.	13.8	119
75	Kinetic and structural studies, origins of selectivity, and interfacial charge transfer in the artificial photosynthesis of CO. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15646-15650.	7.1	181
76	Versatile Synthesis of P^R₂N^{Râ€²}₂ Ligands for Molecular Electrocatalysts with Pendant Bases in the Second Coordination Sphere. Organometallics, 2012, 31, 779-782.	2.3	21
77	Structural investigations into the deactivation pathway of the CO2 reduction electrocatalyst Re(bpy)(CO)3Cl. Chemical Communications, 2012, 48, 7374.	4.1	136
78	Homogeneous CO₂ Reduction by Ni(cyclam) at a Glassy Carbon Electrode. Inorganic Chemistry, 2012, 51, 3932-3934.	4.0	280
79	Photochemical and Photoelectrochemical Reduction of CO₂. Annual Review of Physical Chemistry, 2012, 63, 541-569.	10.8	960
80	Formate oxidation via Î²-deprotonation in [Ni(PR2NRâ€²2)2(CH3CN)]2+ complexes. Energy and Environmental Science, 2012, 5, 6480.	30.8	58
81	Persistence of the Three-State Description of Mixed Valency at the Localized-to-Delocalized Transition. Journal of the American Chemical Society, 2011, 133, 8721-8731.	13.7	59
82	Diffusion-Ordered NMR Spectroscopy as a Reliable Alternative to TEM for Determining the Size of Gold Nanoparticles in Organic Solutions. Journal of Physical Chemistry C, 2011, 115, 7972-7978.	3.1	46
83	Electrocatalytic Oxidation of Formate by [Ni(P^R₂N^{Râ€²}₂)₂(CH₃CN)]²⁺ Complexes. Journal of the American Chemical Society, 2011, 133, 12767-12779.	13.7	107
84	Kinetics and Limiting Current Densities of Homogeneous and Heterogeneous Electrocatalysts. Journal of Physical Chemistry Letters, 2011, 2, 2372-2379.	4.6	38
85	Design of a High Throughput 25â€Well Parallel Electrolyzer for the Accelerated Discovery of CO₂ Reduction Catalysts via a Combinatorial Approach. Electroanalysis, 2011, 23, 2335-2342.	2.9	17
86	Mixed Valency across Hydrogen Bonds. Journal of the American Chemical Society, 2010, 132, 17390-17392.	13.7	41
87	Electronic Structural Effects in Self-Exchange Reactions. Journal of Physical Chemistry B, 2010, 114, 14729-14734.	2.6	29
88	Re(bipy-tBu)(CO)₃Clâ^'improved Catalytic Activity for Reduction of Carbon Dioxide: IR-Spectroelectrochemical and Mechanistic Studies. Inorganic Chemistry, 2010, 49, 9283-9289.	4.0	490
89	Photoreduction of CO₂ on p-type Silicon Using Re(bipy-Bu^{<i>t</i>})(CO)₃Cl: Photovoltages Exceeding 600 mV for the Selective Reduction of CO₂ to CO. Journal of Physical Chemistry C, 2010, 114, 14220-14223.	3.1	164
90	Mixed Valency at the Nearly Delocalized Limit: Fundamentals and Forecast. European Journal of Inorganic Chemistry, 2009, 2009, 585-594.	2.0	37

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91	Electrocatalytic and homogeneous approaches to conversion of CO₂to liquid fuels. Chemical Society Reviews, 2009, 38, 89-99.	38.1	1,783
92	Rates of Electron Self-Exchange Reactions between Oxo-Centered Ruthenium Clusters Are Determined by Orbital Overlap. Inorganic Chemistry, 2009, 48, 4763-4767.	4.0	22
93	Solvent Dynamical Control of Ultrafast Ground State Electron Transfer:â€‰ Implications for Class IIâˆ'III Mixed Valency. Journal of the American Chemical Society, 2007, 129, 12772-12779.	13.7	56
94	Tuning the Electronic Communication and Rates of Intramolecular Electron Transfer of Dimers of Trinuclear Ruthenium Clusters:Â Bridging and Ancillary Ligand Effects. Inorganic Chemistry, 2006, 45, 547-554.	4.0	49
95	A Trihydroxy Tin Group That Resists Oligomerization in the Trinuclear Nickel Cluster [Ni3(Î¼-P,Pâ€²-PPh2CH2PPh2)3(Î¼3-L)- (Î¼3-Sn(OH)3)]. Angewandte Chemie - International Edition, 2005, 44, 1125-1128.	13.8	19
96	A Trihydroxy Tin Group That Resists Oligomerization in the Trinuclear Nickel Cluster [Ni3(Î¼-P,Pâ€²-PPh2CH2PPh2)3(Î¼3-L)- (Î¼3-Sn(OH)3)]. Angewandte Chemie, 2005, 117, 1149-1152.	2.0	5
97	An Anionic Zerovalent Nickel Carbonyl Complex Supported by a Triphosphine Borate Ligand:â€‰ An Niâˆ'Câ‹®Oâˆ'Li Isocarbonyl. Organometallics, 2005, 24, 231-233.	2.3	19
98	Dinuclear Nickel Complexes as Catalysts for Electrochemical Reduction of Carbon Dioxide. Organometallics, 2005, 24, 96-102.	2.3	112
99	Mixed Valence Isomers. Journal of the American Chemical Society, 2005, 127, 2382-2383.	13.7	81
100	Electron Transfer and Dynamic Infrared-Band Coalescence: It Looks Like Dynamic NMR Spectroscopy, but a Billion Times Faster. Chemistry - A European Journal, 2003, 9, 5962-5969.	3.3	76
101	Infrared Activity of Symmetric Bridging Ligand Modes in Pyrazine-Bridged Hexaruthenium Mixed-Valence Clusters. Inorganic Chemistry, 2003, 42, 926-928.	4.0	51
102	Intervalence Involvement of Bridging Ligand Vibrations in Hexaruthenium Mixed-Valence Clusters Probed by Resonance Raman Spectroscopy. Journal of the American Chemical Society, 2003, 125, 13912-13913.	13.7	34
103	Vibronic Participation of the Bridging Ligand in Electron Transfer and Delocalization:Â New Application of a Three-State Model in Pyrazine-Bridged Mixed-Valence Complexes of Trinuclear Ruthenium Clusters. Journal of Physical Chemistry A, 2003, 107, 9301-9311.	2.5	53
104	In Search of the Elusive Open-Faced Triangulo Nickel Cluster:Â Insertion of Thallium(I) into a Î¼3-I Capping Ligand. Organometallics, 2002, 21, 3831-3832.	2.3	13
105	A versatile variable temperature thin layer reflectance spectroelectrochemical cell. Journal of Electroanalytical Chemistry, 2001, 495, 106-109.	3.8	82
106	A Strongly Coupled Mixed Valence State Between Ru3Clusters. Intramolecular Electron Transfer on the Infrared Vibrational Time Scale in a Pyrazine (pz) Bridged Dimer of Triruthenium Clusters, [{Ru3(Î¼3-O)(Î¼-CH3CO2)6(CO)(abco)}2(Î¼-pz)]â€ƒ(abco = 1-azabicyclo[2,2,2]octane). Bulletin of the Chemical Society of Japan, 2000, 73, 1205-1212.	3.2	56
107	Intramolecular electron transfer on the vibrational timescale and rate constants estimated by IR absorption band shape analysis. Macromolecular Symposia, 2000, 156, 269-276.	0.7	11
108	Adsorption of Diisocyanides on Gold. Langmuir, 2000, 16, 6183-6187.	3.5	107

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109	Syntheses and Properties of a Series of Oxo-Centered Triruthenium Complexes and Their Bridged Dimers with Isocyanide Ligands at Terminal and Bridging Positions. Inorganic Chemistry, 1999, 38, 4070-4078.	4.0	52
110	Electron Transfer on the Infrared Vibrational Time Scale in the Mixed Valence State of 1,4-Pyrazine- and 4,4â€˜-Bipyridine-Bridged Ruthenium Cluster Complexes. Journal of the American Chemical Society, 1999, 121, 4625-4632.	13.7	204
111	Conductance spectra of molecular wires. Journal of Chemical Physics, 1998, 109, 2874-2882.	3.0	553
112	Photochemistry of Nitrosyl Metalloporphyrins:â€‰ Mechanisms of the Photoinduced Release and Recombination of NO. Journal of Physical Chemistry B, 1998, 102, 7287-7292.	2.6	24
113	Effects of Rapid Intramolecular Electron Transfer on Vibrational Spectra. Science, 1997, 277, 660-663.	12.6	204
114	Synthesis and Structures of the Î¼-Vinylidene Binuclear Nickel Complexes [Ni2(Î¼-CCH2)(dmpm)2Cl2] and [Ni2(Î¼-CCH2)(dppm)2Br2]:Â Comparison of the Electronic Structures of Nickel A-Frames. Organometallics, 1996, 15, 1690-1696.	2.3	11
115	Covalent Attachment of Nickel Clusters to Gold Electrode Surfaces. Formation of Rectifying Molecular Layers. Langmuir, 1996, 12, 3075-3081.	3.5	27
116	SYNTHESIS AND CRYSTAL STRUCTURE OF<i>TRANS</i>-1,4-BIS(DIPHENYLPHOSPHINO)-1,3-BUTADIENE. Phosphorus, Sulfur and Silicon and the Related Elements, 1996, 119, 113-120.	1.6	1
117	Patterned Imaging of Palladium and Platinum Films. Advances in Chemistry Series, 1993, , 165-184.	0.6	1
118	PHOTOCHEMISTRY OF trans-[Rh(BIS(DIPHENYLPHOSPHINO)ETHANE)2X2][PF6]: TRANSIENT ABSORBANCE KINETIC STUDIES OF METAL-HALOGEN BOND HOMOLYSIS. Photochemistry and Photobiology, 1992, 55, 479-482.	2.5	1
119	Approaches to the Chemical, Electrochemical, and Photochemical Activation of Carbon Dioxide by Transition Metal Complexes. Israel Journal of Chemistry, 1991, 31, 3-15.	2.3	18
120	[Ni3(Î¼3-CNMe)(Î¼3-I)(CNMe)2(Ph2PCH2PPh2)2]I, atriangulo Nickel Cluster with an Unprecedented Symmetric LinearÎ¼3-Î·1 Isocyanide Ligand. Angewandte Chemie International Edition in English, 1990, 29, 395-396.	4.4	27
121	[{Ni2(Î¼-CNMe)(CNMe)4(Ph2PCH2PPh2)}2Hg]-[NiCl4], a Spirocyclic Ni4Hg Cluster with an HgII-Center. Angewandte Chemie International Edition in English, 1990, 29, 396-397.	4.4	16
122	[Ni₃(Î¼₃â€CNMe)(Î¼₃â€I)(CNMe)₂(Ph₂PCH₂PPh<sub> I, ein <i>triangulo</i>â€Nickelcluster mit einem neuartig symmetrisch gebundenen linearen Î¼₃â€Î·¹â€Isocyanidâ€Liganden. Angewandte Chemie, 1990, 102, 405-407.	2.0	7
123	[{Ni₂(Î¼â€CNMe)(CNMe)₄â€(Ph₂PCH₂PPh₂)}₂Hg][Ni ein spirocyclischer Ni₄Hgâ€Cluster mit einem Hg^{II}â€Zentrum. Angewandte Chemie, 1990, 102, 407-408.	2.0	13
124	[Ir2(?-CH2)(CO)4 Me2PCH2P(Me2)2][CF3SO3]2, an Unprecedented Electrophilic Methylene Complex; H? Addition to Prepare a Bridging Methyl Complex. Angewandte Chemie International Edition in English, 1989, 28, 1377-1379.	4.4	18