Stanislav Zalis

List of Publications by Year
in descending order

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186 papers	7,201 citations	41344 49 h-index	82547 72 g-index
193 all docs	193 docs citations	193 times ranked	5653 citing authors

#	Article	IF	Citations
1	Excitation-Wavelength-Dependent Photophysics of d⁸d⁸ Di-isocyanide Complexes. Inorganic Chemistry, 2022, 61, 2745-2759.	4.0	5
2	Structural and Oxidation State Alternatives in Platinum and Palladium Complexes of a Redoxâ€Active Amidinato Ligand. Chemistry - A European Journal, 2021, 27, 3374-3381.	3.3	1
3	Variable electronic structure and spin distribution in bis(2,2â€²-bipyridine)-metal complexes (M = Ru or) Tj ETQq1 1 0.784314 rgBT /Ov	3.3	5
4	Photoinduced hole hopping through tryptophans in proteins. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	13
5	Optical and Infrared Spectroelectrochemical Studies of CN-Substituted Bipyridyl Complexes of Ruthenium(II). Inorganic Chemistry, 2021, 60, 3514-3523.	4.0	4
6	Analysis of Multiple Redox Sites in Complexes [M(C 5 Me 5)(Q)(NO)] n , M=Ru or Os, Q= o â€Quinones. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 867-875.	1.2	0
7	NO and NO2 as non-innocent ligands: A comparison. Coordination Chemistry Reviews, 2020, 404, 213114.	18.8	23
8	Oxidation State Assignments in the Organoplatinum Oneâ€Electron Redox Series [(N ^ N)PtMes 2] n , n = +,0, â€“,2â€• European Journal of Inorganic Chemistry, 2020, 2020, 2435-2443.	2.0	6
9	Analysis of a Diimineâ€Organonickel Redox Series. European Journal of Inorganic Chemistry, 2020, 2020, 3010-3015.	2.0	2
10	Time-Resolved Femtosecond Stimulated Raman Spectra and DFT Anharmonic Vibrational Analysis of an Electronically Excited Rhenium Photosensitizer. Journal of Physical Chemistry A, 2020, 124, 1253-1265.	2.5	13
11	Hole Hopping Across a Proteinâ€“Protein Interface. Journal of Physical Chemistry B, 2019, 123, 1578-1591.	2.6	8
12	Two Tryptophans Are Better Than One in Accelerating Electron Flow through a Protein. ACS Central Science, 2019, 5, 192-200.	11.3	28
13	Lipophilicity of acetylcholine and related ions examined by ion transfer voltammetry at a polarized room-temperature ionic liquid membrane. Journal of Electroanalytical Chemistry, 2018, 815, 183-188.	3.8	9
14	At the Borderline between Metalâ€“Metal Mixed Valency and a Radical Bridge Situation: Four Charge States of a Diruthenium Complex with a Redox-Active Bis(mer-tridentate) Ligand. Inorganic Chemistry, 2018, 57, 3983-3992.	4.0	10
15	Charge and spin coupling in copper compounds with hemilabile noninnocent ligands â€“ Ambivalence in three dimensions. Coordination Chemistry Reviews, 2018, 355, 173-179.	18.8	12
16	Photophysical Heavy-Atom Effect in Iodinated Metallocorroles: Spinâ€“Orbit Coupling and Density of States. Journal of Physical Chemistry A, 2018, 122, 7256-7266.	2.5	22
17	Hybrid Î±â€Diimine/Bis(chalcogenoether) Ligands for Copper(I) and Copper(II) Complexes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 661-670.	1.2	6
18	The BIAN ligand 1,2-bis[(2,6-diisopropylphenyl)imino]acenaphthene: An electron sponge or a â€œnormalâ€• Î±-diimine ligand?. Inorganica Chimica Acta, 2017, 455, 540-548.	2.4	9

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19	Electronic structures and photophysics of d8-d8 complexes. Coordination Chemistry Reviews, 2017, 345, 297-317.	18.8	70
20	Electronic Structures of Reduced and Superreduced Ir₂(1,8-diisocyanomenthane)₄ⁿ⁺ Complexes. Inorganic Chemistry, 2017, 56, 2874-2883.	4.0	5
21	Probing the Intramolecular Metal-Selenoether Interaction in a Bis(iminosemiquinone)copper(II) Compound. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1621-1627.	1.2	9
22	Metal carbonyl complexes of potentially ambidentate 2,1,3-benzothiadiazole and 2,1,3-benzoselenadiazole acceptors. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2017, 72, 839-846.	0.7	7
23	Ultrafast Wiggling and Jiggling: Ir₂(1,8-diisocyanomenthane)₄²⁺. Journal of Physical Chemistry A, 2017, 121, 9275-9283.	2.5	4
24	Reduced and Superreduced Diplatinum Complexes. Journal of the American Chemical Society, 2016, 138, 5699-5705.	13.7	9
25	Extreme Basicity of Biguanide Drugs in Aqueous Solutions: Ion Transfer Voltammetry and DFT Calculations. Journal of Physical Chemistry A, 2016, 120, 7344-7350.	2.5	20
26	Different manifestations of enhanced Ï€-acceptor ligation at every redox level of [Os(9-OP)L₂]ⁿ, n = 2+, +, 0, â^' (9-OP^{â^'} = 9-oxidophenalenone and L =) Tj ETQq0 0 0 rgBT /Overl	3.0	12
27	Complexation of the strontium cation with a macrocyclic lactam receptor: Experimental and theoretical study. Journal of Molecular Liquids, 2016, 214, 171-174.	4.9	2
28	Thermally Tunable Dual Emission of the d⁸â€“d⁸ Dimer [Pt₂(Î¼-P₂O₅(BF₂)₂)₄]^{4â€“}. Inorganic Chemistry, 2016, 55, 2441-2449.	4.9	42
29	Luminescent Diamond Nanoparticles: Physical, Chemical and Biological Aspects of the Phenomenon. Journal of Nanoscience and Nanotechnology, 2015, 15, 1000-1005.	0.9	3
30	Metalâ€Chelating N,Nâ€²â€Bis(4â€dimethylaminophenyl)acetamidinyl Radical: A New Chromophore for the Nearâ€Infrared Region. Chemistry - A European Journal, 2015, 21, 12275-12278.	3.3	12
31	Metalâ€Induced Thiophene Ring Opening and Cï£¿C Bond Formation To Produce Unique Hexaâ€1,3,5â€trienediylâ€Coupled Nonâ€Innocent Ligand Chelates. Chemistry - A European Journal, 2015, 21, 15163-15166.	3.3	7
32	Electron-Transfer Acceleration Investigated by Time Resolved Infrared Spectroscopy. Accounts of Chemical Research, 2015, 48, 868-876.	15.6	44
33	Ruthenium Styryl Complexes with Ligands Derived from 2-Hydroxy- and 2-Mercaptopyridine and 2-Hydroxy- and 2-Mercaptoquinoline. Organometallics, 2015, 34, 3611-3628.	2.3	20
34	Spinâ€“Orbit TDDFT Electronic Structure of Diplatinum(II,II) Complexes. Inorganic Chemistry, 2015, 54, 3491-3500.	4.0	35
35	Vinyl Ruthenium-Modified Biphenyl and 2,2â€²-Bipyridines. Inorganic Chemistry, 2015, 54, 3387-3402.	4.0	32
36	Anharmonicity Effects in IR Spectra of [Re(X)(CO)₃(Î±-diimine)] (Î±-diimine = 2,2â€²-bipyridine or) Tj ETQq0 0 0 rgBT /Overl Journal of Physical Chemistry A, 2015, 119, 10137-10146.	2.5	19

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37	Theoretical study of chromium and nickel-related luminescence centers in molecular-sized nanodiamonds. Diamond and Related Materials, 2015, 58, 122-128.	3.9	3
38	Electronic Excited States of Tungsten(0) Arylisocyanides. Inorganic Chemistry, 2015, 54, 8518-8528.	4.0	34
39	Oxidation and reduction response of Î±-diimine complexes with tricarbonylrhenium halides and pseudohalides. Journal of Organometallic Chemistry, 2014, 751, 678-685.	1.8	12
40	Correlated Coordination and Redox Activity of a Hemilabile Noninnocent Ligand in Nickel Complexes. Chemistry - A European Journal, 2014, 20, 5414-5422.	3.3	50
41	RuII(Î±-diimine) or RuIII(Î±-diimineÂ·-)? Structural, Spectroscopic, and Theoretical Evidence for the Stabilization of a Prominent Metal-to-Ligand Charge-Transfer Excited-State Configuration in the Ground State. European Journal of Inorganic Chemistry, 2014, 2014, 110-119.	2.0	23
42	Theoretical Predictions of Redox Potentials of Fischer-Type Chromium Aminocarbene Complexes. Organometallics, 2014, 33, 4964-4972.	2.3	16
43	Magnetical and Optical Properties of Nanodiamonds Can Be Tuned by Particles Surface Chemistry: Theoretical and Experimental Study. Journal of Physical Chemistry C, 2014, 118, 25245-25252.	3.1	25
44	Structural flexibility of 2-hetaryl chromium aminocarbene complexes: Experimental and theoretical evidence. Inorganica Chimica Acta, 2014, 421, 439-445.	2.4	4
45	Photophysics of Singlet and Triplet Intraligand Excited States in [ReCl(CO)₃(1-(2-pyridyl)-imidazo[1,5-Î±]pyridine)] Complexes. Journal of the American Chemical Society, 2014, 136, 5963-5973.	13.7	64
46	Structure and Spectroelectrochemical Response of Areneâ€“Ruthenium and Areneâ€“Osmium Complexes with Potentially Hemilabile Noninnocent Ligands. Organometallics, 2014, 33, 4973-4985.	2.3	44
47	Inhibitory Effect of Water on the Oxygen Reduction Catalyzed by Cobalt(II) Tetraphenylporphyrin. Journal of Physical Chemistry A, 2014, 118, 2018-2028.	2.5	16
48	Nonâ€innocent Redox Behavior of Amidinato Ligands: Spectroscopic Evidence for Amidinyl Complexes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 2781-2787.	1.2	9
49	Origin of the correlation between the standard Gibbs energies of ion transfer from water to a hydrophobic ionic liquid and to a molecular solvent. Electrochimica Acta, 2013, 87, 591-598.	5.2	8
50	Complexation of Eu3+ with a macrocyclic lactam receptor: Experimental and theoretical study. Journal of Molecular Structure, 2013, 1038, 216-219.	3.6	2
51	Reversible and pH dependent photophysical properties of mixed-ligand Ru(II) complexes containing 2,2â€²-bipyridine and nitrosobarbiturate: Experimental and theoretical approach. Inorganica Chimica Acta, 2013, 404, 123-130.	2.4	0
52	Electronic Excitations in Fischer-Type Cr and W Aminocarbene Complexes: A Combined ab Initio and Experimental Study. Journal of Physical Chemistry A, 2013, 117, 11456-11463.	2.5	11
53	Mechanistic model of the oxygen reduction catalyzed by a metal-free porphyrin in one- and two-phase liquid systems. Electrochimica Acta, 2013, 110, 816-821.	5.2	11
54	Discovering More Nonâ€innocence: Triazenido versus Triazenyl Radical Ligand Function, and a Comment on [NO₂]ⁿ as a â€œSuspectâ€•Ligand. Angewandte Chemie - International Edition, 2013, 52, 4673-4675.	13.8	19

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55	Re and Br X-ray Absorption Near-Edge Structure Study of the Ground and Excited States of [ReBr(CO)₃(bpy)] Interpreted by DFT and TD-DFT Calculations. Inorganic Chemistry, 2013, 52, 5775-5785.	4.0	43
56	Identifying Intermediates of Sequential Electron and Hydrogen Loss from a Dicarbonylcobalt Hydride Complex. Angewandte Chemie - International Edition, 2013, 52, 6781-6784.	13.8	30
57	Ruthenium Stilbenyl and Diruthenium Distyrylethene Complexes: Aspects of Electron Delocalization and Electrocatalyzed Isomerization of the Z-Isomer. Journal of the American Chemical Society, 2012, 134, 16671-16692.	13.7	89
58	UV-vis-NIR and EPR characterisation of the redox series [MQ3]2+,+,0,â^',2â^', M = Ru or Os, and Q = o-quinone derivative. Dalton Transactions, 2012, 41, 8913.	3.3	16
59	Competitive inhibition of a metal-free porphyrin oxygen-reduction catalyst by water. Chemical Communications, 2012, 48, 4094.	4.1	8
60	Solar Cell Sensitizer Models [Ru(bpy-R)₂(NCS)₂] Probed by Spectroelectrochemistry. Inorganic Chemistry, 2012, 51, 2097-2104.	4.0	36
61	Spinâ€"Orbit Treatment of UVâ€"vis Absorption Spectra and Photophysics of Rhenium(I) Carbonylâ€"Bipyridine Complexes: MS-CASPT2 and TD-DFT Analysis. Journal of Physical Chemistry A, 2012, 116, 11319-11329.	2.5	74
62	Structural Reassessment of [W(CO)₅(TCNE)]: N (Ïƒ) Coordination Instead of an Olefin (Ï€) Complex. Organometallics, 2012, 31, 6305-6311.	2.3	3
63	Charged, but Found â€œNot Guiltyâ€: Innocence of the Suspect Bridging Ligands [RO(O)CNNC(O)OR]^{2â€"} = L^{2â€"} in [(acac)₂Ru(Ï¼-L)Ru(acac)₂]ⁿ, n = +,0,â€",2â€". Inorganic Chemistry, 2012, 51, 9273-9281.	4.0	34
64	(Î±-Diimine)tricarbonylhalorhenium complexes: the oxidation side. Dalton Transactions, 2012, 41, 1013-1019.	3.3	13
65	Filling Gaps in the Series of Noninnocent Hetero-1,3-diene Chelate Ligands: Ruthenium Complexes of Redox-Active Î±-Azocarbonyl and Î±-Azothiocarbonyl Ligands RNNC(Râ€²)E, E = O or S. Inorganic Chemistry, 2012, 51, 6237-6244.	4.0	20
66	Metal(IV) Complexes [M(L_{N,O,S})₂]ⁿ (M = Ru, Os) of a Redoxâ€Active oâ€Amidophenolate Ligand (L_{N,O,S})^{2â€"} with Coordinating Thioether Appendix. European Journal of Inorganic Chemistry, 2012, 2012, 3569-3576.	2.0	24
67	Charge transfer in porphyrinâ€"calixarene complexes: ultrafast kinetics, cyclic voltammetry, and DFT calculations. Physical Chemistry Chemical Physics, 2011, 13, 6947.	2.8	19
68	Ultrafast Excited-State Dynamics of Rhenium(I) Photosensitizers [Re(Cl)(CO)₃(N,N)] and [Re(imidazole)(CO)₃(N,N)]⁺: Diimine Effects. Inorganic Chemistry, 2011, 50, 2932-2943.	4.0	171
69	Fine tuning of the catalytic effect of a metal-free porphyrin on the homogeneous oxygenreduction. Chemical Communications, 2011, 47, 5446-5448.	4.1	31
70	Photoinduced Intramolecular Tryptophan Oxidation and Excited-State Behavior of [Re(L-AA)(CO)₃(Î±-diimine)]⁺ (L = Pyridine or Imidazole, AA = Tryptophan,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	4.0	38
71	Electron delocalization in vinyl ruthenium substituted cyclophanes: Assessment of the through-space and the through-bond pathways. Journal of Organometallic Chemistry, 2011, 696, 3186-3197.	1.8	43
72	Tuning of nanodiamond particles' optical properties by structural defects and surface modifications: DFT modelling. Journal of Materials Chemistry, 2011, 21, 18248.	6.7	26

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73	Complementary hydrogen bonding of a carboxylato-barbiturate with urea and acetamide: Experimental and theoretical approach. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 83, 532-539.	3.9	2
74	Origin of electronic absorption spectra of MLCT-excited and one-electron reduced 2,2â€²-bipyridine and 1,10-phenanthroline complexes. Inorganica Chimica Acta, 2011, 374, 578-585.	2.4	67
75	Vinyl-ruthenium entities as markers for intramolecular electron transfer processes. Inorganica Chimica Acta, 2011, 374, 36-50.	2.4	61
76	Phototriggering Electron Flow through Re^Iâ€•modified Pseudomonas aeruginosa Azurins. Chemistry - A European Journal, 2011, 17, 5350-5361.	3.3	51
77	Relativistic effects in spectroscopy and photophysics of heavy-metal complexes illustrated by spinâ€“orbit calculations of [Re(imidazole)(CO)3(phen)]+. Coordination Chemistry Reviews, 2011, 255, 975-989.	18.8	90
78	Fischer aminocarbene complexes of chromium and iron: Anomalous electrochemical reduction of p-carbonyl substituted derivatives. Electrochimica Acta, 2011, 56, 6853-6859.	5.2	27
79	The 1,4-diazabutadiene/1,2-enediamido non-innocent ligand system in the formation of iridaheteroaromatic compounds: Spectroelectrochemistry and electronic structure. Journal of Organometallic Chemistry, 2010, 695, 1052-1058.	1.8	35
80	Quantum chemical interpretation of redox properties of ruthenium complexes with vinyl and TCNX type non-innocent ligands. Coordination Chemistry Reviews, 2010, 254, 1383-1396.	18.8	93
81	Synthesis and electrochemical study of iron, chromium and tungsten aminocarbenes: Role of ligand structure and central metal nature. Electrochimica Acta, 2010, 55, 8341-8351.	5.2	31
82	Oxygen Reduction Catalyzed by a Fluorinated Tetraphenylporphyrin Free Base at Liquid/Liquid Interfaces. Journal of the American Chemical Society, 2010, 132, 13733-13741.	13.7	80
83	Charge Transport in DNA Oligonucleotides with Various Base-Pairing Patterns. Journal of Physical Chemistry B, 2010, 114, 5196-5205.	2.6	34
84	Ultrafast Excited-State Dynamics of [Re(L)(CO)₃(bpy)]ⁿ Complexes: Involvement of the Solvent. Journal of Physical Chemistry A, 2010, 114, 6361-6369.	2.5	118
85	How to elucidate and control the redox sequence in vinylbenzoate and vinylpyridine bridged diruthenium complexes. Dalton Transactions, 2010, 39, 8000.	3.3	27
86	Ligandâ€Centred Reactivity of Bis(picolyl)amine Iridium: Sequential Deprotonation, Oxidation and Oxygenation of a â€œNonâ€Innocentâ€•Ligand. Chemistry - A European Journal, 2009, 15, 11878-11889.	3.3	60
87	Boron Atoms as Spin Carriers in Twoâ€•and Threeâ€Dimensional Systems. Angewandte Chemie - International Edition, 2009, 48, 5082-5091.	13.8	109
88	An Oddâ€Electron Complex [Ru^k(NO^m)(Qⁿ)(terpy)]²⁺ with Two Prototypical Nonâ€Innocent Ligands. Angewandte Chemie - International Edition, 2009, 48, 4242-4245.	13.8	53
89	Evidence for the dimer-of-(mixed-valent dimers) configuration in tetranuclear {(Î¼4-TCNX)[Ru(NH3)5]4}8+, TCNXÂ=ÂTCNE and TCNQ, from DFT calculations. Monatshefte FÃ¼r Chemie, 2009, 140, 765-773.	1.8	24
90	Silver(I), Copper(I) and Copper(II) Complex of the New N,Seâ€Chelate Ligand 2â€Phenylselenomethylâ€1Hâ€benzimidazole: Electrochemistry and Structure. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 1001-1007.	1.2	8

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91	2â€Organoselenomethylâ€1Hâ€benzimidazole Complexes of Copper(II) and Copper(I)Â. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 2177-2184.	1.2	2
92	The Semiquinoneâ^'Ruthenium Combination as a Remarkably Invariant Feature in the Redox and Substitution Series [Ru(Q)_n(acac)_{3â^'n}]^m, n = 1â^'3; m = (â^'2), â^'1, 0, +1, (+2); Q = 4,6-Di-tert-butyl-N-phenyl-o-iminobenzoquinone. Inorganic Chemistry, 2009, 48, 11853-11864.	4.0	61
93	A Five-Center Redox System: Molecular Coupling of Two Noninnocent Imino-o-benzoquinonato-Ruthenium Functions through a Ï€ Acceptor Bridge. Journal of the American Chemical Society, 2009, 131, 8895-8902.	13.7	56
94	Electron Transfer Across Multiple Hydrogen Bonds: The Case of Ureapyrimidinedione-Substituted Vinyl Ruthenium and Osmium Complexes. Journal of the American Chemical Society, 2009, 131, 4892-4903.	13.7	53
95	Charge Delocalization in a Heterobimetallic Ferroceneâ^'(Vinyl)Ru(CO)Cl(PiPr3)2 Systemâ€Dedicated to Prof. Dr. Helmut Werner on the occasion of his 75th birthday. Organometallics, 2009, 28, 4196-4209.	2.3	79
96	Relaxation Dynamics of Pseudomonas aeruginosa Re^I(CO)₃(Î±-diimine)(HisX)⁺ (X = 83, 107, 109, 124, 126)Cu^{II} Azurins. Journal of the American Chemical Society, 2009, 131, 11788-11800.	13.7	55
97	Excited-state relaxation dynamics of Re(I) tricarbonyl complexes with macrocyclic phenanthroline ligands studied by time-resolved IR spectroscopy. Dalton Transactions, 2009, , 3941.	3.3	26
98	Effect of metal exchange (Os vs. Ru) and co-ligand variation (Clâ^'vs. acacâ^') on the oxidation state distribution in complexes of an o-phenylenediamido(2â^')/o-quinonediimine redox system. Dalton Transactions, 2009, , 7778.	3.3	20
99	Localised to intraligand charge-transfer states in cyclometalated platinum complexes: an experimental and theoretical study into the influence of electron-rich pendants and modulation of excited states by ion binding. Dalton Transactions, 2009, , 1728.	3.3	85
100	How do vibrations change their composition upon electronic excitation? â€“ EXSY-T2D-IR measurements challenge DFT calculations.. Springer Series in Chemical Physics, 2009, , 421-423.	0.2	0
101	Dimerization of the 2â€(Methylselenomethyl)benzimidazoleâ€silver(I) Cation Involving a Ag^Iâ€“Ag^I Interaction. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2008, 634, 2343-2346.	1.2	9
102	Halide Ligandsâ€”More Than Just Ïƒ-Donors? A Structural and Spectroscopic Study of Homologous Organonickel Complexes. Inorganic Chemistry, 2008, 47, 11324-11333.	4.0	44
103	Redox Properties of Ruthenium Nitrosyl Porphyrin Complexes with Different Axial Ligation: Structural, Spectroelectrochemical (IR, UVâ^'Visible, and EPR), and Theoretical Studies. Inorganic Chemistry, 2008, 47, 7106-7113.	4.0	50
104	Singlet Diradical Complexes of Ruthenium and Osmium: Geometrical and Electronic Structures and their Unexpected Changes on Oxidation. Inorganic Chemistry, 2008, 47, 1625-1633.	4.0	46
105	A tetranuclear organorhenium(i) complex of the 2,3,5,6-tetrafluoro-7,7,8,8-tetracyano-p-quinodimethane radical anion, TCNQF4Ë™â^'. Dalton Transactions, 2008, , 5749.	3.3	15
106	Stabilizing the Elusive ortho-Quinone/Copper(I) Oxidation State Combination through Ï€/Ï€ Interaction in an Isolated Complex. Journal of the American Chemical Society, 2008, 130, 15230-15231.	13.7	69
107	Solvation-Driven Excited-State Dynamics of [Re(4-Et-Pyridine)(CO)₃(2,2â€˜-bipyridine)]⁺ in Imidazolium Ionic Liquids. A Time-Resolved Infrared and Phosphorescence Study. Journal of Physical Chemistry A, 2008, 112, 3506-3514.	2.5	31
108	Ligand-Centered Oxidations and Electron Delocalization in a Tetranuclear Complex of a Tetradonor-Substituted Olefin. Organometallics, 2008, 27, 3321-3324.	2.3	46

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109	Nanosecond CO Photodissociation and Excited-State Character of [Ru(X)(Xâ€²)(CO)₂(N,Nâ€²-diisopropyl-1,4-diazabutadiene)] (X = Xâ€² = Cl or I; X = Me, Xâ€²) Tj ETQq1 1 0. Calculations. Inorganic Chemistry, 2008, 47, 4236-4242.	4.0	18
110	Ruthenium Complexes with Vinyl, Styryl, and Vinylpyrenyl Ligands:Â A Case of Non-innocence in Organometallic Chemistry. Journal of the American Chemical Society, 2008, 130, 259-268.	13.7	111
111	Femtosecond Fluorescence and Intersystem Crossing in Rhenium(I) Carbonylâ^'Bipyridine Complexes. Journal of the American Chemical Society, 2008, 130, 8967-8974.	13.7	269
112	Electronic structures of two kinds of oligoborane radical anions: mixed-valence description of a reducedp-phenylenediborane and spin density distributions in distorted octahedral clusters [B₆Hal₆]^{â€¢â^'}, HalÂ=ÂCl, Br, I. Main Group Chemistry, 2007, 5, 267-276.	0.8	10
113	Raman Spectroscopy of Nanocrystalline Li-Ti-O Spinels and Comparative DFT Calculations on TiyOz and LixTiyOz Clusters. Collection of Czechoslovak Chemical Communications, 2007, 72, 171-184.	1.0	5
114	Singlet Diradical Complexes of Chromium, Molybdenum, and Tungsten with Azo Anion Radical Ligands from M(CO)₆ Precursors. Inorganic Chemistry, 2007, 46, 8584-8593.	4.0	44
115	Spectroelectrochemistry and DFT Analysis of a New {RuNO}ⁿ Redox System with Multifrequency EPR Suggesting Conformational Isomerism in the {RuNO}⁷ State. Inorganic Chemistry, 2007, 46, 9254-9261.	4.0	21
116	Tetranuclear Complexes of [Fe(CO)₂(C₅H₅)]⁺ with TCNX Ligands (TCNX = TCNE, TCNQ, TCNB):â€‰ Intramolecular Electron Transfer Alternatives in Compounds (Î¼₄-TCNX)[ML_n]₄. Inorganic Chemistry, 2007, 46, 7312-7320.	4.0	19
117	Towards New Organometallic Wires: Tetraruthenium Complexes Bridged by Phenylenevinylene and Vinylpyridine Ligands. Chemistry - A European Journal, 2007, 13, 10257-10272.	3.3	46
118	Modeling of charge-transfer transitions and excited states in d6 transition metal complexes by DFT techniques. Coordination Chemistry Reviews, 2007, 251, 258-287.	18.8	419
119	Electronic transitions and bonding properties in a series of five-coordinate â€œ16-electronâ€•complexes [Mn(CO)3(L2)]â^' (L2=chelating redox-active Ï€-donor ligand). Coordination Chemistry Reviews, 2007, 251, 557-576.	18.8	63
120	Electronic Structure and Excited States of Rhenium(I) Amido and Phosphido Carbonylâ^'Bipyridine Complexes Studied by Picosecond Time-Resolved IR Spectroscopy and DFT Calculations. Inorganic Chemistry, 2006, 45, 9789-9797.	4.0	36
121	The Metalâ^'NO Interaction in the Redox Systems [Cl5Os(NO)]n-, n = 1â^'3, and cis-[(bpy)2ClOs(NO)]2+/+:â€‰ Calculations, Structural, Electrochemical, and Spectroscopic Results. Inorganic Chemistry, 2006, 45, 4602-4609.	4.0	44
122	Divinylphenylene-Bridged Diruthenium Complexes Bearing Ru(CO)Cl(PiPr3)2Entitiesâ€. Organometallics, 2006, 25, 3701-3712.	2.3	107
123	Specific adsorption of tetraalkylammonium cations at the waterâ^£1,2-dichloroethane interface revisited. Journal of Electroanalytical Chemistry, 2005, 585, 269-274.	3.8	15
124	On the Borderline betweencis andtrans in Organometallic(Phosphane)platinum(II) Complexes. European Journal of Inorganic Chemistry, 2005, 2005, 4056-4063.	2.0	20
125	Electron delocalization in mixed-valence butadienediyl-bridged diruthenium complexes. Journal of Solid State Electrochemistry, 2005, 9, 738-749.	2.5	36
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