

Daniele A Cauzzi

List of Publications by Year in descending order

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52
docs citations

52
times ranked

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#	ARTICLE	IF	CITATIONS
1	Oxidative dimerization of anilines with heterogeneous sulfonic acid catalysts. <i>Green Chemistry</i> , 2018, 20, 382-386.	9.0	13
2	A Simple Heterogeneous Catalyst for Phosphite Addition on Carbonyl Groups. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 463-466.	2.4	5
3	Synthesis and Characterization of an Unusual 68-Electrons Os ₄ Se ₃ Carbonyl Phosphane Cluster. <i>Journal of Cluster Science</i> , 2013, 24, 11-16.	3.3	0
4	Temperature-Dependent Fluorescence of Cu ₅ Metal Clusters: A Molecular Thermometer. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9662-9665.	13.8	87
5	Coordination properties of the multifunctional S,N,S zwitterionic ligand EtNHC(S)Ph ₂ PNPPh ₂ C(S)NEt. <i>Coordination Chemistry Reviews</i> , 2010, 254, 753-764.	18.8	6
6	Oxidative Addition of Iodomethane to Charge-Tuned Rhodium(I) Complexes. <i>Organometallics</i> , 2009, 28, 2062-2071.	2.3	7
7	Reactivity of the zwitterionic ligand EtNHC(S)Ph ₂ P(NPPh ₂ C(S)NEt towards [Ru ₃ (CO) ₁₂]. Sulfur transfer and ligand fragmentation leading to the methideylamide [-N(Et)-CH(R)-] ^{1/3} -bridging moiety. <i>Dalton Transactions</i> , 2009, , 544-549.	3.3	5
8	A Study on the Coordinative Versatility of the Zwitterionic S,N,S Ligand EtNHC(S)Ph ₂ P=NPPH ₂ C(S)NEt in Its Anionic, Neutral and Cationic Forms – Determination of Absolute pKa Values in CH ₂ Cl ₂ of RhI Complexes. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 2302-2312.	2.0	11
9	Hybrid Siloxane-Polyaminoamides for the Absorption of Heparin from Blood. <i>NATO Science for Peace and Security Series C: Environmental Security</i> , 2008, , 277-282.	0.2	2
10	Zwitterionic Metalates of Group 11 Elements and Their Use as Metalloligands for the Assembly of Multizwitterionic Clusters. <i>Journal of the American Chemical Society</i> , 2006, 128, 866-876.	13.7	18
11	On the Reaction of Ph ₂ PNHPPH ₂ with RNCS (R=Et, Ph, p-NO ₂ C ₆ H ₄): Preparation of the Zwitterionic Ligand EtNHC(S)Ph ₂ P(NPPh ₂ C(S)NEt (HSNS) and the Zwitterionic Metalate [(SNS)Rh(CO)]. <i>Chemistry - A European Journal</i> , 2005, 11, 3413-3419.	3.3	10
12	Synthesis of alkoxysilanes as starting substances for preparation of new materials by the sol-gel procedure. Silanes with urea functional group. <i>Russian Journal of General Chemistry</i> , 2004, 74, 1658-1664.	0.8	3
13	Cluster Growth Reactions with Selenido-Carbonyl Clusters – Synthesis, Characterisation and Theoretical Study of the Dimetallicclo Clusters [WRu ₃ (^{1/4} -Se) ₂ (^{1/4} -CO) ₄ (CO) ₆ (L) ₂] (L = Phosphane) and of the Donor-Acceptor Adduct [(CO) ₅ W(^{1/4} -Se)Ru ₃ (^{1/3} -Se)(CO) ₇ {P(CH ₂ Ph) ₂ }] ₂ . <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 1063-1072.	2.0	11
14	Leaching of anchored Rh and Pd species from thiourea-functionalized monolithic silica xerogel catalysts. <i>Journal of Molecular Catalysis A</i> , 2003, 204-205, 737-745.	4.8	1
15	Oxidative dehydrogenation of propane on pure and silica-dispersed multimetallic oxides based on vanadium and niobium prepared via hydrolytic and non-hydrolytic sol-gel methods. <i>Catalysis Today</i> , 2003, 81, 77-85.	4.4	30
16	Anchoring selenido-carbonyl ruthenium clusters to functionalised silica xerogels. <i>Journal of the Brazilian Chemical Society</i> , 2003, 14, .	0.6	2
17	Stepwise selenium transfer from tertiary phosphine selenides to [Ru ₃ (CO) ₁₂]. Structural characterization of the primary product [Ru ₃ (^{1/3} -Se)(^{1/3} -CO)(CO) ₇ (PPh ₃) ₂]. <i>Dalton Transactions RSC</i> , 2002, , 3160-3163.	2.3	16
18	Influence of the preparation method on the thiophene HDS activity of silica supported CoMo catalysts. <i>Applied Catalysis A: General</i> , 2002, 229, 261-271.	4.3	49

#	ARTICLE	IF	CITATIONS
19	Preparation of Ti(IV), Zr(IV) and Sn(IV) metal alkyls containing the (PriO) ₃ SiCH ₂ fragment. <i>Journal of Organometallic Chemistry</i> , 2002, 663, 256-262.	1.8	3
20	Multiple Oxidative Addition of Ph ₂ (C ₅ H ₄ N)PSe to [Ru ₃ (CO) ₁₂] ⁺ Structural Characterization of [Ru ₃ (μ -3-Se)(μ -PPh ₂) ₂ (μ -C ₅ H ₄ N)(μ -3-C ₅ H ₄ N)(CO) ₆] Containing Two Differently Metalated 2-Pyridyl Fragments. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 721-723.	2.0	19
21	Title is missing!. <i>Journal of Cluster Science</i> , 2001, 12, 259-271.	3.3	20
22	Mixed-oxide catalysts involving V, Nb and Si obtained by a non-hydrolytic sol-gel route: preparation and catalytic behaviour in oxydative dehydrogenation of propane. <i>Catalysis Today</i> , 2000, 61, 353-360.	4.4	51
23	Multiple oxidative addition of diphenyl-2-thienylphosphine selenide to [Ru ₃ (CO) ₁₂]: crystal and molecular structure of [Ru ₃ (μ -3-Se)(μ -PPh ₂) ₂ (μ -1,1'-2-C ₄ H ₃ S)(CO) ₆][P(C ₄ H ₃ S)Ph ₂]. <i>Inorganica Chimica Acta</i> , 2000, 300-302, 471-476.	2.4	20
24	Synthesis of MMOO ₄ /SiO ₂ catalysts (M=Ni or Co) by a sol-gel route via silicon alkoxides. <i>Applied Catalysis A: General</i> , 1999, 182, 125-135.	4.3	28
25	Reaction of CH ₂ (Ph ₂ PSe) ₂ (dppmSe ₂) with [Ru ₃ (CO) ₁₂]. Fluxional behaviour of [Ru ₃ (μ -3-Se) ₂ (CO) ₇ (μ -dppm)] and crystal structures of [Ru ₄ (μ -4-Se) ₂ (μ -CO)(CO) ₈ (μ -dppm)] \cdot MeOH and [Ru ₆ (μ -3-Se) ₄ (CO) ₁₂ (μ -dppm) ₂] \cdot CH ₂ Cl ₂ <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 237-242.		
26	Chelating versus bridging behaviour and NMR fluxionality of dppf in the nido clusters [M ₃ Se ₂ (CO) ₇ (dppf μ -S)] [M=...=...Fe or Ru, dppf μ -S=...=...Fe(μ -5-C ₅ H ₄ PPh ₂) ₂]. Crystal structure of the chelated ruthenium derivative. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 3515-3521.		19
27	Electron paramagnetic resonance characterisation of silica-dispersed copper molybdate obtained by sol-gel and impregnation methods. <i>Journal of Materials Chemistry</i> , 1999, 9, 507-513.	6.7	12
28	Metal complexes of P(Ph ₂)CH ₂ (Ph ₂)PSe. Crystal structure of [Ni{P(Ph ₂)CH ₂ (Ph ₂)PSe} ₂]Cl ₂ \cdot 2EtOH. <i>Inorganica Chimica Acta</i> , 1998, 273, 320-325.	2.4	13
29	Cluster growth reactions with selenido carbonyl clusters. Synthesis and structural characterization of [M ₂ Ru ₂ (μ -4-Se) ₂ (μ -4-CO) ₄ (CO) ₆ (PPh ₃) ₂] (M=...=...Mo or W). <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 321-322.		13
30	Silica-supported bismuth molybdate catalysts obtained by the sol-gel process via silicon alkoxides. <i>Studies in Surface Science and Catalysis</i> , 1998, 118, 699-706.	1.5	1
31	Preparation and characterization of niobia and silica-niobia systems. <i>Studies in Surface Science and Catalysis</i> , 1998, 118, 763-772.	1.5	6
32	Synthesis of diphosphine-substituted selenido carbonyl iron clusters: Progressive deformation of the Fe ₃ Se ₂ core in the nido clusters [Fe ₃ Se ₂ (CO) ₇ (μ -4-(Ph ₂ P) ₂ R)] by widening the bite of the bridging ligand. <i>Journal of Organometallic Chemistry</i> , 1997, 536-537, 497-507.	1.8	35
33	Anchoring rhodium(I) on thiourea-functionalized silica xerogels and silsesquioxanes part II. Matrix effects on the selectivity in the hydroformylation of styrene. <i>Journal of Organometallic Chemistry</i> , 1997, 541, 377-389.	1.8	35
34	Nitrogen configuration determined by X-ray analysis on an homogeneous series of 3-indolinones. <i>Journal of Heterocyclic Chemistry</i> , 1996, 33, 81-85.	2.6	0
35	Synthesis and spectroscopic properties of N-acetyl-DL-phenyl-glycinato complexes of cobalt(II), nickel(II) and copper(II). Crystal structures of bis(N-acetyl-DL-phenyl-glycinato)diaquobis-(N-methylimidazole)cobalt(II), bis(N-acetyl-DL-phenylglycinato)diaquobis (imidazole)cobalt(II) and nickel(II). <i>Polyhedron</i> , 1996, 15, 1783-1791.	2.2	11
36	Reactions of the ferrole TM complex [Fe ₂ (CO) ₆ (C ₂ Et ₂) ₂] with group 15 donor ligands and with alkynes. Stepwise formation and disengagement of tropones. Crystal and molecular structure of [Fe ₂ (CO) ₅ {(C ₂ Et) ₂ CO(C ₂ Et) ₂ CHCPh}. <i>Journal of Organometallic Chemistry</i> , 1996, 511, 263-271.	1.8	17

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37	One-step syntheses of Ph ₃ P-substituted selenido carbonyl iron and ruthenium clusters Part 2. Crystal structures of Fe ₂ ($\frac{1}{4}$ -Se ₂)(CO) _{6-n} (PPh ₃) _n (n=1 or 2) Fe ₃ ($\frac{1}{4}$ -Se) ₂ (CO) ₈ (PPh ₃) and Ru ₄ ($\frac{1}{4}$ -Se) ₂ ($\frac{1}{4}$ -CO) ₂ (CO) ₈ (PPh ₃), and HPLC behaviour of the iron derivatives. <i>Inorganica Chimica Acta</i> , 1996, 252, 367-374.	2.4	35
38	Ph ₃ P \rightarrow Se as a convenient synthon for one-step syntheses of Ph ₃ P-substituted selenido carbonyl iron and ruthenium clusters. Crystal structures of Fe ₃ ($\frac{1}{4}$ -Se)($\frac{1}{4}$ -CO)(CO) ₇ (PPh ₃) ₂ , M ₃ ($\frac{1}{4}$ -Se) ₂ (CO) ₇ (PPh ₃) ₂ (M = Fe, Ru). <i>J. ETOP</i> , 2000, 00, 00-00.	2.4	0
39	Anchoring rhodium(I) on benzoylthiourea-functionalized silica xerogels. Production of recyclable hydroformylation catalysts and the crystal structure of the model compound [Rh(cod)(Hbztu)Cl]. <i>Journal of Organometallic Chemistry</i> , 1995, 488, 115-125.	1.8	36
40	Sulfur ligand-stabilized palladium aggregates produced on the surface of benzoylthiourea-functionalized silica xerogels. <i>Journal of Materials Chemistry</i> , 1995, 5, 1375.	6.7	4
41	Reaction of CH ₂ (Ph ₂ PSe) ₂ with [Ru ₃ (CO) ₁₂]. Crystal structure of [Ru ₄ Se ₄ (CO) ₁₀ (Ph ₂ PCH ₂ PPh ₂)], a missing link in the [M ₄ E ₄ L ₁₂] cubane series (M = Group 8 metal, E = chalcogenido ligand). <i>Journal of the Chemical Society Dalton Transactions</i> , 1995, , 2321.	1.1	27
42	Copper-promoted intramolecular selenium transfer from a P \rightarrow Se group to a P \leftarrow CH ₂ \leftarrow P methylene carbon producing an unusual methaneselone ligand. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 2443-2444.	2.0	5
43	Composition-tunable metal-alkyl xerogels as precursors for homogeneously dispersed metals in amorphous silica matrix. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 229-230.	2.0	11
44	Formation of an anchored copper(II) complex on a thiourea-functionalized silica gel by in situ modification of the tethered ligating function. <i>Inorganica Chimica Acta</i> , 1994, 221, 183-186.	2.4	7
45	Reactivity of the methylcyclopentadienylmanganese cyanometalate Na[Cp'Mn(CO)2CN] with titanium, zirconium, and hafnium halides. Crystal and molecular structure of the .mu.-cyano .mu.-oxo tetranuclear complex [Cp ₂ Zr{(.mu.-NC)Mn Cp'(CO) ₂ } ₂ (.mu.-O) (Cp = .eta.-C ₅ H ₅ ; Cp' = .eta.-MeC ₅ H ₄). [Erratum to document cited in CA119(9):95744h]. <i>Inorganic Chemistry</i> , 1994, 33, 2068-2068.	4.0	0
46	Synthesis and characterization of [N(PPh ₃) ₂] ⁺ cyanometallates. Crystal structure of [N(PPh ₃) ₂] ₃ [Fe(CN) ₆] \cdot 2H ₂ O. <i>Inorganica Chimica Acta</i> , 1993, 204, 181-187.	2.4	9
47	Natural abundance ¹⁷ O NMR spectra of carbonyl metal clusters of the iron triad. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1993, 49, 1395-1400.	0.1	5
48	The first ruthenium-alkyne-dihydride reported is now recognized as an intermediate in the homogeneous hydrogenation of diphenylacetylene: Crystal structure of (?-H) ₂ Ru ₃ (CO) ₉ (? η -? η -? η -C ₂ Ph ₂). <i>Journal of Cluster Science</i> , 1993, 4, 279-296.	3.3	15
49	Reactivity of the methylcyclopentadienylmanganese cyanometalate Na[Cp'Mn(CO)2CN] with titanium, zirconium, and hafnium halides. Crystal and molecular structure of the .mu.-cyano .mu.-oxo tetranuclear complex [Cp ₂ Zr{(.mu.-NC)Mn Cp'(CO) ₂ } ₂ (.mu.-O) (Cp = .eta.-C ₅ H ₅ ; Cp' = .eta.-MeC ₅ H ₄). <i>Inorganic Chemistry</i> , 1993, 32, 3373-3377.	4.0	20
50	Unexpected formation of a μ -flyover-bridged complex by reaction of a μ -ferrole derivative with Ph ₂ PCH ₂ PPh ₂ (dppm) and Me ₃ NO. Crystal structure of [Fe ₂ (CO) ₅ (P-dppm){C ₂ Et ₂ (CO) ₂ }. <i>Journal of Organometallic Chemistry</i> , 1991, 412, C14-C18.	1.8	14