

# Carlo Nervi

## List of Publications by Year in descending order

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114  
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3,935  
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94269

37  
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138251

58  
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125  
all docs

125  
docs citations

125  
times ranked

4998  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the mechanism of the antitumor activity of ferrocenium derivatives. <i>Inorganica Chimica Acta</i> , 2000, 306, 42-48.	1.2	246
2	Monolithic cells for solar fuels. <i>Chemical Society Reviews</i> , 2014, 43, 7963-7981.	18.7	181
3	Bio-Inspired Mn(I) Complexes for the Hydrogenation of CO <sub>2</sub> to Formate and Formamide. <i>ACS Catalysis</i> , 2017, 7, 3864-3868.	5.5	179
4	Mechanism of Ligand Photodissociation in Photoactivable [Ru(bpy) <sub>2</sub> L <sub>2</sub> ] <sup>2+</sup> Complexes: A Density Functional Theory Study. <i>Journal of the American Chemical Society</i> , 2008, 130, 9590-9597.	6.6	149
5	A local proton source in a [Mn(bpy-R)(CO) <sub>3</sub> Br]-type redox catalyst enables CO <sub>2</sub> reduction even in the absence of Brønsted acids. <i>Chemical Communications</i> , 2014, 50, 14670-14673.	2.2	144
6	Computational and Spectroscopic Studies of New Rhenium(I) Complexes Containing Pyridylimidazo[1,5-a]pyridine Ligands: Charge Transfer and Dual Emission by Fine-Tuning of Excited States. <i>Organometallics</i> , 2008, 27, 1427-1435.	1.1	131
7	Local Proton Source in Electrocatalytic CO <sub>2</sub> Reduction with [Mn(bpy-R)(CO) <sub>3</sub> Br] Complexes. <i>Chemistry - A European Journal</i> , 2017, 23, 4782-4793.	1.7	123
8	Enhanced Photoelectrochemical Solar Water Splitting Using a Platinum-Decorated CIGS/CdS/ZnO Photocathode. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 21619-21625.	4.0	82
9	Inclusion Complexes of Ferrocenes and $\beta$ -Cyclodextrins. <i>Critical Appraisal of the Electrochemical Evaluation of Formation Constants. Organometallics</i> , 2000, 19, 2791-2797.	1.1	80
10	Electronic interactions in organometallic dimers. An electrochemical approach. <i>Journal of Organometallic Chemistry</i> , 1995, 488, 1-7.	0.8	71
11	C, $\beta$ -Bis(benzodiazaborolyl)dicarba-closo-dodecaboranes: Synthesis, structures, photophysics and electrochemistry. <i>Dalton Transactions</i> , 2013, 42, 10982.	1.6	70
12	Ligand-Selective Photodissociation from [Ru(bpy)(4AP) <sub>4</sub> ] <sup>2+</sup> : a Spectroscopic and Computational Study. <i>Inorganic Chemistry</i> , 2009, 48, 1469-1481.	1.9	68
13	Photophysical properties and computational investigations of tricarbonylrhenium(I)[2-(4-methylpyridin-2-yl)benzo[d]-X-azole]L and tricarbonylrhenium(I)[2-(benzo[d]-X-azol-2-yl)-4-methylquinoline]L derivatives (X=N=CH <sub>3</sub> , O, or S); Tj ETQq1 1 0.784314 rgrBT /Ove	9.8	66
14	Cationic Heteroleptic Cyclometalated Iridium Complexes with $\beta$ -Pyridylimidazo[1,5-a]pyridine Ligands: Exploitation of an Efficient Intersystem Crossing. <i>Chemistry - A European Journal</i> , 2009, 15, 6415-6427.	1.7	65
15	Photophysics of Singlet and Triplet Intraligand Excited States in [ReCl(CO) <sub>3</sub> (1-(2-pyridyl)-imidazo[1,5-a]pyridine)] Complexes. <i>Journal of the American Chemical Society</i> , 2014, 136, 5963-5973.	6.6	64
16	Carborane radical anions: spectroscopic and electronic properties of a carborane radical anion with a 2n + 3 skeletal electron count. <i>Chemical Communications</i> , 2007, , 2372.	2.2	61
17	<sup>1</sup> H MAS, <sup>15</sup> N CPMAS, and DFT Investigation of Hydrogen-Bonded Supramolecular Adducts between the Diamine 1,4-Diazabicyclo-[2.2.2]octane and Dicarboxylic Acids of Variable Chain Length. <i>Chemistry of Materials</i> , 2005, 17, 1457-1466.	3.2	60
18	Spectroscopic and Computational Study on New Blue Emitting ReL(CO) <sub>3</sub> Cl Complexes Containing Pyridylimidazo[1,5-a]pyridine Ligands. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 3587-3591.	1.0	60

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19	Synthesis and characterisation of bis(ferrocenylethynyl) complexes of platinum (II) A re-investigation of their electrochemical behaviour. <i>Inorganic Chemistry Communication</i> , 1998, 1, 239-245.	1.8	56
20	Recent advances in catalytic CO <sub>2</sub> reduction by organometal complexes anchored on modified electrodes. <i>New Journal of Chemistry</i> , 2016, 40, 5656-5661.	1.4	54
21	Electrochemical CO <sub>2</sub> Reduction at Glassy Carbon Electrodes Functionalized by Mn <sup>I</sup> and Re <sup>I</sup> Organometallic Complexes. <i>ChemPhysChem</i> , 2017, 18, 3219-3229.	1.0	54
22	Hydrogen Bonding and Dynamic Behaviour in Crystals and Polymorphs of Dicarboxylic-Diamine Adducts: A Comparison between NMR Parameters and X-ray Diffraction Studies. <i>Chemistry - A European Journal</i> , 2005, 11, 7461-7471.	1.7	52
23	A Single Organoiridium Complex Generating Highly Active Catalysts for both Water Oxidation and NAD <sup>+</sup> /NADH Transformations. <i>ACS Catalysis</i> , 2017, 7, 7788-7796.	5.5	51
24	Selective Synthesis of a Salt and a Cocrystal of the Ethionamide-Salicylic Acid System. <i>Crystal Growth and Design</i> , 2020, 20, 906-915.	1.4	49
25	Electrochemical and Photochemical Reduction of CO <sub>2</sub> Catalyzed by Re(I) Complexes Carrying Local Proton Sources. <i>Organometallics</i> , 2019, 38, 1351-1360.	1.1	48
26	Electrochemical Reduction of CO <sub>2</sub> by M(CO) <sub>4</sub> (diimine) Complexes (M=Mo, W): Catalytic Activity Improved by 2,2'-Dipyridylamine. <i>ChemElectroChem</i> , 2015, 2, 1372-1379.	1.7	46
27	Photo- and Electrocatalytic Reduction of CO <sub>2</sub> by [Re(CO) <sub>3</sub> {(±)-diimine(4-piperidinyl-1,8-naphthalimide)}Cl] Complexes. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 296-304.		45
28	Strontium and Zinc Substitution in $\beta$ -Tricalcium Phosphate: An X-ray Diffraction, Solid State NMR and ATR-FTIR Study. <i>Journal of Functional Biomaterials</i> , 2019, 10, 20.	1.8	45
29	Structural, spectroscopic, electrochemical and computational studies of C, $\beta$ -diaryl-ortho-carboranes, 1-(4-XC <sub>6</sub> H <sub>4</sub> )-2-Ph-1,2-C <sub>2</sub> B <sub>10</sub> H <sub>10</sub> (X = H, F, OMe, NMe <sub>2</sub> , NH <sub>2</sub> , OH and O <sup>-</sup> ). <i>Journal of Solid State Electrochemistry</i> , 2009, 13, 1483-1495.	1.2	44
30	Scalable Binder-Free Supersonic Cold Spraying of Nanotextured Cupric Oxide (CuO) Films as Efficient Photocathodes. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 15406-15414.	4.0	44
31	Electrocatalytic reduction of CO <sub>2</sub> by thiophene-substituted rhenium( <sup>scpi</sup> ) complexes and by their polymerized films. <i>Dalton Transactions</i> , 2016, 45, 14678-14688.	1.6	43
32	Phase Stability and Fast Ion Conductivity in the Hexagonal LiBH <sub>4</sub> ·LiBr·LiCl Solid Solution. <i>Chemistry of Materials</i> , 2019, 31, 5133-5144.	3.2	42
33	Electronic Communication in [Co <sub>2</sub> (CO) <sub>6</sub> ] <sub>2</sub> -Diyne and [Co <sub>2</sub> (CO) <sub>4</sub> (dppm)] <sub>2</sub> -Diyne Complexes. <i>European Journal of Inorganic Chemistry</i> , 1998, 1998, 1473-1477.	1.0	41
34	Electronic interactions in diyne Co <sub>2</sub> (CO) <sub>6</sub> complexes. <i>Inorganica Chimica Acta</i> , 1996, 247, 99-104.	1.2	38
35	The Ferrocenylethynyl Unit: a Stable Hormone Tag. <i>Helvetica Chimica Acta</i> , 2001, 84, 3289-3298.	1.0	38
36	Synthesis, Characterization, Spectroscopic and Photophysical Properties of New [Cu(NCS){(L-N) <sub>2</sub> or (L <sup>-</sup> -NN)}(PPh <sub>3</sub> )] Complexes (L-N, L <sup>-</sup> -NN = Aromatic Nitrogen Base). <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 1974-1984.	1.0	38

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37	Electrochemical CO <sub>2</sub> reduction in water at carbon cloth electrodes functionalized with a fac-Mn(apbpy)(CO) <sub>3</sub> Br complex. <i>Chemical Communications</i> , 2019, 55, 775-777.	2.2	38
38	Natural Abundance <sup>15</sup> N and <sup>13</sup> C Solid-State NMR Chemical Shifts: High Sensitivity Probes of the Halogen Bond Geometry. <i>Chemistry - A European Journal</i> , 2016, 22, 16819-16828.	1.7	37
39	Simultaneous CO <sub>2</sub> capture and metal purification from waste streams using triple-level dynamic combinatorial chemistry. <i>Nature Chemistry</i> , 2020, 12, 202-212.	6.6	35
40	Syntheses, structures and spectroscopy of uni- and bi-dentate nitrogen base complexes of silver(i) trifluoromethanesulfonate. <i>Dalton Transactions</i> , 2010, 39, 908.	1.6	34
41	[MnBrL(CO) <sub>4</sub> ] (L = Amidinatogermylene): Reductive Dimerization, Carbonyl Substitution, and Hydrolysis Reactions. <i>Organometallics</i> , 2016, 35, 1761-1770.	1.1	34
42	Electronic interactions in multicenter arrays. An electrochemical approach. Part I. <i>Inorganica Chimica Acta</i> , 1993, 206, 155-161.	1.2	33
43	Spectroscopic and Computational Investigations of Stable Radical Anions of Triosmium Benzoheterocycle Clusters. <i>Chemistry - A European Journal</i> , 2003, 9, 5749-5756.	1.7	33
44	Characterization of human hair melanin and its degradation products by means of magnetic resonance techniques. <i>Magnetic Resonance in Chemistry</i> , 2008, 46, 471-479.	1.1	33
45	Synthesis of Gd(III)-C-palmitamidomethyl-Ca <sup>2+</sup> -DOTAMA-C6-o-carborane: a new dual agent for innovative MRI/BNCT applications. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 4460.	1.5	33
46	Electron transfer in trans-[Pt(PPh <sub>3</sub> ) <sub>2</sub> (-C≡C- <sup>1</sup> / <sub>4</sub> C≡-Fc) <sub>2</sub> ] and related compounds. <i>Inorganica Chimica Acta</i> , 1994, 225, 35-40.	1.2	30
47	Synthesis, Reduction Chemistry, and Spectroscopic and Computational Studies of Isomeric Quinolinecarboxaldehyde Triosmium Clusters. <i>Organometallics</i> , 2004, 23, 215-223.	1.1	30
48	Electronic Effects of Substituents on fac-M(bpy-R)(CO) <sub>3</sub> (M = Mn, Re) Complexes for Homogeneous CO <sub>2</sub> Electroreduction. <i>Frontiers in Chemistry</i> , 2019, 7, 417.	1.8	28
49	X-ray Structures and Complete NMR Assignment by DFT Calculations of [Os(bpy) <sub>2</sub> (CO)Cl]PF <sub>6</sub> and [Os(bpy) <sub>2</sub> (CO)H]PF <sub>6</sub> Complexes. <i>Organometallics</i> , 2003, 22, 4012-4019.	1.1	27
50	Electrochemical, theoretical, and structural investigations on the tetra cobalt "butterfly" Co <sub>4</sub> (CO) <sub>8</sub> L <sub>2</sub> (RC <sub>2</sub> R) (L = CO, PPh <sub>3</sub> ; R = H, Et, Ph) clusters. <i>Organometallics</i> , 1991, 10, 3253-3259.	1.1	26
51	Coupling Solid-State NMR with GIPAW ab Initio Calculations in Metal Hydrides and Borohydrides. <i>Journal of Physical Chemistry C</i> , 2013, 117, 9991-9998.	1.5	26
52	The electrochemical behaviour of electron deficient benzoheterocycle triosmium clusters. <i>Inorganica Chimica Acta</i> , 2000, 300-302, 769-777.	1.2	25
53	Spectroscopic and Computational Studies of a Ru(II) Terpyridine Complex: The Importance of Weak Intermolecular Forces to Photophysical Properties. <i>Inorganic Chemistry</i> , 2007, 46, 8752-8762.	1.9	25
54	Characteristic redshift and intensity enhancement as far-IR fingerprints of the halogen bond involving aromatic donors. <i>CrystEngComm</i> , 2016, 18, 2247-2250.	1.3	25

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55	Unraveling the Hydrogen Bond Network in a Theophylline–Pyridoxine Salt Cocrystal by a Combined X-ray Diffraction, Solid-State NMR, and Computational Approach. <i>Crystal Growth and Design</i> , 2018, 18, 2225-2233.	1.4	25
56	Electrochemical evidence for electronic interactions through the para-carborane skeleton in the novel tricluster $[\{\text{Co}_2\text{C}_2(\text{SiMe}_3)(\text{CO})_4(\text{dppm})\}_2(\mu\text{-CB10H10C})]$ . <i>Chemical Communications</i> , 2001, , 1610-1611.	2.2	24
57	Synthesis, Electrochemical and Electrogenerated Chemiluminescence Studies of Ruthenium(II) Bis(2,2'-bipyridyl) {2-(4-methylpyridin-2-yl)benzo[d]-X-azole} Complexes. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 2839-2849.	1.0	23
58	Iridium and ruthenium complexes covalently bonded to carbon surfaces by means of electrochemical oxidation of aromatic amines. <i>Catalysis Today</i> , 2010, 158, 22-28.	2.2	20
59	Electrochemical Behavior and Electron-Transfer Chain (ETC) Reactions of $\text{H}_4\text{Ru}_4(\text{CO})_{12}$ . <i>Organometallics</i> , 1995, 14, 2501-2505.	1.1	19
60	Solid-State $^{15}\text{N}$ CPMAS NMR and Computational Analysis of Ligand Hapticity in Rhodium( $\eta$ -diene) Poly(pyrazolyl)borate Complexes. <i>Inorganic Chemistry</i> , 2010, 49, 11205-11215.	1.9	19
61	Synthesis, structure, and polymorphic transitions of praseodymium( $\text{scp}$ ) and neodymium( $\text{scp}$ ) borohydride, $\text{Pr}(\text{BH}_4)_3$ and $\text{Nd}(\text{BH}_4)_3$ . <i>Dalton Transactions</i> , 2018, 47, 8307-8319.	1.6	19
62	Solid-state NMR and thermodynamic investigations on $\text{LiBH}_4\text{LiNH}_2$ system. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 14475-14483.	3.8	17
63	Combined DFT and geometrical–topological analysis of Li-ion conductivity in complex hydrides. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 3115-3125.	3.0	17
64	The Hexacarbonyl(ethyne)dicobalt Unit: An Androgen Tag. <i>Helvetica Chimica Acta</i> , 2002, 85, 2918-2925.	1.0	16
65	Electronic interactions in bridged bis(cluster) assemblies – a comparison of para-CB10H10C, para-C6H4 and C4 bridges. <i>Comptes Rendus Chimie</i> , 2005, 8, 1883-1896.	0.2	16
66	$[\text{Os}(\text{bpy})_2(\text{CO})(\text{enIA})][\text{OTf}]_2$ : A Novel Sulfhydryl-Specific Metal-Ligand Complex. <i>Inorganic Chemistry</i> , 2005, 44, 3875-3879.	1.9	16
67	$\text{Li}_5(\text{BH}_4)_3\text{NH}$ : Lithium-Rich Mixed Anion Complex Hydride. <i>Journal of Physical Chemistry C</i> , 2017, 121, 11069-11075.	1.5	16
68	Tricarbonylchlororhenium(I) Carboxaldimine Derivatives: Synthesis, Structure, and NMR Characterization of Z and E Isomers. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 2885-2893.	1.0	15
69	Ferrole-estradiol complex as a test for receptor dimerization. <i>Journal of Organometallic Chemistry</i> , 1997, 533, 97-102.	0.8	14
70	Exploring synthetic pathways to cationic heteroleptic cyclometalated iridium complexes derived from dipyritylketone. <i>Dalton Transactions</i> , 2012, 41, 7098.	1.6	14
71	Role of the reaction intermediates in determining PHIP (parahydrogen induced polarization) effect in the hydrogenation of acetylene dicarboxylic acid with the complex $[\text{Rh}(\text{dppb})_2]^+$ . <i>Tj ETQq1 1 0.784314 rgBT1/0verlock140 Tf 50</i>	1.0	14
72	Probing Hydrogen Bond Networks in Half-Sandwich Ru(II) Building Blocks by a Combined $^1\text{H}$ DQ CRAMPS Solid-State NMR, XRPD, and DFT Approach. <i>Inorganic Chemistry</i> , 2014, 53, 139-146.	1.9	14

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73	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
74	Turning manganese into gold: Efficient electrochemical CO <sub>2</sub> reduction by a fac-Mn(apbpy)(CO) <sub>3</sub> Br complex in a gas-liquid interface flow cell. <i>Chemical Engineering Journal</i> , 2021, 416, 129050.	6.6	14
75	Electrochemical CO <sub>2</sub> reduction with earth-abundant metal catalysts. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2021, 31, 100509.	3.2	14
76	Estrogen derivatives of transition metal complexes for analytical detection enhancement. Part II. <i>Inorganica Chimica Acta</i> , 1994, 218, 207-210.	1.2	13
77	An Unusual Carbonyl Chemical Shift in a Carbonylhexairidium Cluster: A Combined Solid-State NMR and DFT Approach. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 3477-3483.	1.0	13
78	Dipyridylketone as a versatile ligand precursor for new cationic heteroleptic cyclometalated iridium complexes. <i>Dalton Transactions</i> , 2012, 41, 1065-1073.	1.6	13
79	Detection of Lithium Plating in Li-Ion Cell Anodes Using Realistic Automotive Fast-Charge Profiles. <i>Batteries</i> , 2021, 7, 46.	2.1	13
80	Estrogen derivatives of transition metal carbonyl clusters for analytical detection enhancement. <i>Inorganica Chimica Acta</i> , 1992, 192, 65-70.	1.2	12
81	Stabilization of Carbenium Ions Derived from Ethynylestradiol by Different Adjacent Organometallic Moieties. Implication in the Inactivation of the Estrogen Receptor. <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 491-497.	1.0	12
82	New chiral selectors: Design and synthesis of 6-TBDMS-2,3-methyl- $\beta$ -cyclodextrin 2-2' thioureido dimer and 6-TBDMS-2,3-methyl (or 2-methyl-3-acetyl) $\beta$ -cyclodextrin bearing an (R) mosher acid moiety. <i>Chirality</i> , 2004, 16, 526-533.	1.3	12
83	Solution properties, electrochemical behavior and protein interactions of water soluble triosmium carbonyl clusters. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 1796-1805.	0.8	12
84	Redox Chemistry of [Co <sub>4</sub> (CO) <sub>3</sub> ( $\eta$ - <sup>3</sup> -CO) <sub>3</sub> ( $\eta$ - <sup>3</sup> -C <sub>7</sub> H <sub>7</sub> )( $\eta$ - <sup>5</sup> -C <sub>7</sub> H <sub>9</sub> )] <sup>+</sup> : Reversible Carbon-Carbon Coupling versus Metal Cluster Degradation. <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 1833-1843.	1.0	11
85	A Combined Spectroelectrochemical and Computational Study of the Chemically Reversible 2-Electron Reduction of [Ru <sub>4</sub> ( $\eta$ -RC <sub>2</sub> R) <sub>2</sub> (CO) <sub>11</sub> ] Clusters. <i>Organometallics</i> , 2005, 24, 1284-1292.	1.1	11
86	Computational study of the electrochemical reduction of W(CO) <sub>4</sub> (2,2'-dipyridylamine). <i>Inorganica Chimica Acta</i> , 2018, 470, 373-378.	1.2	11
87	Photochemical CO <sub>2</sub> Reduction Using Rhenium(I) Tricarbonyl Complexes with Bipyridyl-type Ligands with and without Second Coordination Sphere Effects. <i>ChemPhotoChem</i> , 2021, 5, 526-537.	1.5	11
88	Solid-State NMR-Driven Crystal Structure Prediction of Molecular Crystals: The Case of Mebendazole. <i>Chemistry - A European Journal</i> , 2022, 28, e202103589.	1.7	11
89	Synthesis and characterization of functionalized thymidine as a potential carrier for cisplatin-like drugs. <i>Inorganica Chimica Acta</i> , 2005, 358, 2799-2803.	1.2	10
90	Redox behavior of the electronically unsaturated osmium clusters Os <sub>3</sub> ( $\mu$ -H) <sub>2</sub> (CO) <sub>9</sub> L and their saturated congeners Os <sub>3</sub> ( $\mu$ -H)(H)(CO) <sub>10</sub> L (L = CO, PPh <sub>3</sub> , AsPh <sub>3</sub> ). <i>Organometallics</i> , 1991, 10, 1929-1934.	1.1	9

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91	HPLC studies of Fe <sub>2</sub> (CO) <sub>6</sub> (ligand) complexes. Journal of Organometallic Chemistry, 1992, 433, 287-294.	0.8	9
92	Towards improved boron neutron capture therapy agents: evaluation of in vitro cellular uptake of a glutamine-functionalized carborane. Journal of Biological Inorganic Chemistry, 2009, 14, 883-890.	1.1	9
93	Spectroscopic and Computational Study of Ligand Photodissociation from [Ru(dipyrido[3,2-a:2',3'-c]phenazine)(4-aminopyridine) <sub>2</sub> ] <sup>2+</sup> . European Journal of Inorganic Chemistry, 2010, 2010, 1186-1195.	1.0	9
94	Molecular Catalysts with Intramolecular Re <sup>+</sup> O Bond for Electrochemical Reduction of Carbon Dioxide. Inorganic Chemistry, 2020, 59, 12187-12199.	1.9	9
95	Estrogen Derivatives of Transition-Metal Complexes for Analytical Detection Enhancement. Organometallics, 1994, 13, 3110-3114.	1.1	8
96	Structure of [Ru(bpy) <sub>n</sub> (AP)(6-2n)] <sup>2+</sup> homogeneous complexes: DFT calculation vs. EXAFS. Journal of Physics: Conference Series, 2009, 190, 012141.	0.3	8
97	A Review of Mechanical and Chemical Sensors for Automotive Li-Ion Battery Systems. Sensors, 2022, 22, 1763.	2.1	8
98	Ambiguous structure determination from powder data: four different structural models of 4,11-difluoroquinacridone with similar X-ray powder patterns, fit to the PDF, SSNMR and DFT-D. IUCr, 2022, 9, 406-424.	1.0	8
99	Electrochemical Behavior of Bis(cyclopentadienylnickel) <sup>+</sup> Alkyne Derivatives. Organometallics, 1997, 16, 695-700.	1.1	7
100	The Co <sub>3</sub> (CO) <sub>9</sub> C moiety acts as an electroreducible marker for estradiol detection enhancement in the HPLC-ED technique. Journal of Organometallic Chemistry, 2000, 593-594, 232-239.	0.8	7
101	Solid-State Structure, Quantum Calculations and Spectroscopic Characterization of the Hydrogen-Bonded Complex [Os(bpy) <sub>2</sub> (CO)(EtO <sup>-</sup> ·H-DMAP)] <sup>+</sup> [PF <sub>6</sub> ] <sup>-</sup> . European Journal of Inorganic Chemistry, 2005, 2005, 606-614.	1.0	7
102	Efficient Electrochemical Reduction of CO <sub>2</sub> to Formate in Methanol Solutions by Mn <sup>+</sup> -Functionalized Electrodes in the Presence of Amines <sup>**</sup> . Chemistry - A European Journal, 2022, 28, .	1.7	7
103	Electrochemical behaviour, IR spectroelectrochemistry and theoretical studies of tetracobalt carbonyl cluster complexes with a facial cyclooctatetraene ligand. Dalton Transactions RSC, 2002, , 3705.	2.3	6
104	Mechanism of the solvent-free reactions between indole derivatives and 4-nitrobenzaldehyde studied by solid-state NMR and DFT calculations. CrystEngComm, 2012, 14, 6732.	1.3	4
105	Electrochemical behaviour of tropone diiron pentacarbonyl complexes, Fe <sub>2</sub> (CO) <sub>5</sub> [(RC <sub>2</sub> R) <sub>3</sub> CO] (R=Me,) Tj ETQq1 1 0.784314 rgBT /Otel 311-316.	1.2	2
106	Electrochemical behaviour and reactivity of [Os(bpy) <sub>2</sub> (CO)(OTf)] <sup>+</sup> in halogenated solvents. Inorganica Chimica Acta, 2005, 358, 196-200.	1.2	2
107	The crystal and molecular structure of the [Os(bpy) <sub>2</sub> (CO)Cl] <sup>+</sup> Otf <sup>-</sup> complex. Comptes Rendus Chimie, 2005, 8, 1676-1683.	0.2	2
108	The Role of the Amino Protecting Group during Parahydrogenation of Protected Dehydroamino Acids. Journal of Physical Chemistry A, 2015, 119, 11271-11279.	1.1	2

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109	Proton in a Confined Space: Structural Studies of H <sup>+</sup> , Crypt-111 Iodide and Some Halogen-Bonded Derivatives. Chemistry - A European Journal, 2017, 23, 14462-14468.	1.7	2
110	Dipyridylmethane Ethers as Ligands for Luminescent Ir Complexes. Molecules, 2021, 26, 7161.	1.7	2
111	Unusual twin adsorption waves in voltammetry of trimetallic clusters of os and ru undergoing redox-induced reorientation of the alkyne ligand. Journal of Electroanalytical Chemistry, 1996, 412, 147-152.	1.9	1
112	Photochemical CO <sub>2</sub> Reduction Using Rhenium(I) Tricarbonyl Complexes with Bipyridyl-Type Ligands with and without Second Coordination Sphere Effects. ChemPhotoChem, 2021, 5, 494-494.	1.5	1
113	Frontispiece: Local Proton Source in Electrocatalytic CO <sub>2</sub> Reduction with [Mn(bpy-R)(CO) <sub>3</sub> Br] Complexes. Chemistry - A European Journal, 2017, 23, .	1.7	0
114	Proton in a Confined Space: Structural Studies of H <sup>+</sup> , Crypt-111 Iodide and Some Halogen-Bonded Derivatives. Chemistry - A European Journal, 2017, 23, 14388-14388.	1.7	0