

Sylvie Chardon-Noblat

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7311258/publications.pdf>

Version: 2024-02-01

68
papers

3,104
citations

117625

34
h-index

155660

55
g-index

72
all docs

72
docs citations

72
times ranked

2675
citing authors

#	ARTICLE	IF	CITATIONS
1	Homogeneous molecular catalysis of the electrochemical reduction of N_2O to N_2 : redox vs. chemical catalysis. <i>Chemical Science</i> , 2021, 12, 12726-12732.	7.4	6
2	Effective Homogeneous Catalysis of Electrochemical Reduction of Nitrous Oxide to Dinitrogen at Rhenium Carbonyl Catalysts. <i>ACS Catalysis</i> , 2021, 11, 6099-6103.	11.2	12
3	Molecular Catalysis of Electrochemical Reactions: Competition between Reduction of the Substrate and Deactivation of the Catalyst by a Cosubstrate Application to N_2O Reduction. <i>ChemElectroChem</i> , 2021, 8, 3740-3744.	3.4	1
4	Manganese-Carbonyl Complexes As Catalysts for CO_2 Electrochemical Reduction. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 1517-1517.	0.0	0
5	Fe-Based Complexes as Styrene Aziridination Catalysts: Ligand Substitution Tunes Catalyst Activity. <i>ChemCatChem</i> , 2019, 11, 5296-5299.	3.7	12
6	Immobilization of Mn and Ru polypyridyl complexes on TiO_2 nanoparticles for selective photoreduction of CO_2 to formic acid. <i>Chemical Communications</i> , 2019, 55, 13598-13601.	4.1	12
7	Electro and photoreduction of CO_2 driven by manganese-carbonyl molecular catalysts. <i>Coordination Chemistry Reviews</i> , 2018, 361, 120-137.	18.8	80
8	Comparative study of the anchorage and the catalytic properties of nanoporous TiO_2 films modified with ruthenium (II) and rhenium (I) carbonyl complexes. <i>Chemical Physics Letters</i> , 2018, 694, 40-47.	2.6	5
9	Mn-carbonyl molecular catalysts containing a redox-active phenanthroline-5,6-dione for selective electro- and photoreduction of CO_2 to CO or HCOOH. <i>Electrochimica Acta</i> , 2017, 240, 288-299.	5.2	31
10	Electro- and Photo-driven Reduction of CO_2 by a $trans-[Os(diimine)(CO)_2Cl_2]$ Precursor Catalyst: Influence of the Diimine Substituent and Activation Mode on CO/HCOO Selectivity. <i>ChemCatChem</i> , 2016, 8, 2667-2677.	3.7	18
11	Electrocatalytic reduction of carbon dioxide on indium coated gas diffusion electrodes Comparison with indium foil. <i>Applied Catalysis B: Environmental</i> , 2016, 189, 172-180.	20.2	83
12	Carbonyl-Terpyridyl-Manganese Complexes: Syntheses, Crystal Structures, and Photo-Activated Carbon Monoxide Release Properties. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 5757-5766.	2.0	20
13	Selective Catalytic Electroreduction of CO_2 at Silicon Nanowires (SiNWs) Photocathodes Using Non-Noble Metal-Based Manganese Carbonyl Bipyridyl Molecular Catalysts in Solution and Grafted onto SiNWs. <i>ACS Catalysis</i> , 2015, 5, 6138-6147.	11.2	75
14	Pulsed-EPR Evidence of a Manganese(II) Hydroxycarbonyl Intermediate in the Electrocatalytic Reduction of Carbon Dioxide by a Manganese Bipyridyl Derivative. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 240-243.	13.8	121
15	Manganese carbonyl terpyridyl complexes: their synthesis, characterization and potential application as CO-release molecules. <i>Chemical Communications</i> , 2014, 50, 2539-2542.	4.1	47
16	One-Step Vs Stepwise Immobilization of 1-D Coordination-Based Rh-Rh Molecular Wires on Gold Surfaces. <i>Langmuir</i> , 2012, 28, 11779-11789.	3.5	12
17	$[Mn(bipyridyl)(CO)_3Br]$: An Abundant Metal Carbonyl Complex as Efficient Electrocatalyst for CO_2 Reduction. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9903-9906.	13.8	498
18	Towards New Molecular Photocatalysts for CO_2 Reduction: Photo-Induced Electron Transfer versus CO Dissociation within $[Os(NN)(CO)_2Cl_2]$ Complexes. <i>Chemistry - A European Journal</i> , 2011, 17, 4313-4322.	3.3	45

#	ARTICLE	IF	CITATIONS
19	Anodic polymerization of 1-amino-2-methyl-9,10-anthraquinone in mixed solvent. <i>Journal of Electroanalytical Chemistry</i> , 2010, 647, 35-42.	3.8	6
20	Soluble $\{[\text{Rh}_2(\text{OOCCH}_3)_2(\text{dbbpy})_2][\text{BF}_4]\}_n$ molecular wire and $[\text{Rh}_2(\text{OOCCH}_3)_2(\text{dbbpy})_2\text{L}_2]^{2+}$ complexes; dbbpy=4,4'-di-tert-butyl-2,2'-bipyridine: Synthesis and physicochemical characterization. <i>Polyhedron</i> , 2010, 29, 3059-3065.	2.2	7
21	Structural characterization of metal-metal bonded polymer $[\text{Ru}(\text{L})(\text{CO})_2]_n$ (L = 2,2'-bipyridine) in the solid state using high-resolution NMR and DFT chemical shift calculations. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 15428.	2.8	19
22	Synthesis and Structural and Physicochemical Characterization of $\{[\text{Rh}_2(\text{OOCCH}_3)_3(\text{dmbpy})_2][\text{BF}_4]\}_n$ Molecular Wire. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 111-118.	2.0	8
23	Soluble Redox-Active Polymetallic Chains $\{[\text{Ru}(\text{CO})(\text{L})(\text{bpy})]_m\}_n$ (bpy = 2,2'-bipyridine, L = PrCN, Cl ⁻ ; m = 0, 1). <i>Journal of Organometallic Chemistry</i> , 2008, 689, 484-488.	4.0	17
24	Multiple Aromatic Amination Mediated by a Diiron Complex. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 715-717.	13.8	36
25	An easy electrochemical and chemical synthesis of $[\text{Ru}(\text{bpy})(\text{CH}_3\text{CN})_2\text{Cl}_2]$: a synthon for heteroleptic tris(diimine) Ru(II) complexes. <i>Dalton Transactions</i> , 2008, , 5891.	3.3	2
26	New mononuclear and homodinuclear Pt(II) complexes with heterocyclic nitrogen chelates: Synthesis, characterization, intercalating ability and in vitro cytotoxic activity evaluation. <i>Dalton Transactions</i> , 2008, , 5911.	3.3	12
27	Electrochemical fabrication and characterization of thin films of redox-active molecular wires based on extended Rh-Rh bonded chains. <i>Dalton Transactions</i> , 2008, , 2149.	3.3	14
28	An alternative synthesis method for $[\text{Os}(\text{NN})(\text{CO})_2\text{X}_2]$ complexes (NN = 2,2'-bipyridine, X = Cl, Br, I). <i>Dalton Transactions</i> , 2007, , 3314.	3.3	9
29	Electrochemical behavior of binuclear complexes (L=2,2'-bipyridine substituted by pyrrole groups). Their reductive and oxidative electropolymerization. <i>Journal of Electroanalytical Chemistry</i> , 2006, 597, 28-38.	3.8	13
30	Selective formation of trans and cis(CH ₃ CN) isomers of $[\text{Ru}(\text{bpy})(\text{CO})_2(\text{CH}_3\text{CN})_2]^{2+}$ (bpy=2,2'-bipyridine) from $[\text{Ru}(\text{CO})_2(\text{CH}_3\text{CN})_3]_2(\text{PF}_6)_2$ using an electrochemical oxidation step. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 484-488.	1.8	12
31	Spectroscopic and Electrochemical Characterization of an Aqua Ligand Exchange and Oxidatively Induced Deprotonation in Diiron Complexes. <i>Inorganic Chemistry</i> , 2004, 43, 1638-1648.	4.0	40
32	Redox-Active Polymers Based on Nonbridged Metal-Metal Bonds. Electrochemical Formation of $[\text{Os}(\text{bpy})(\text{CO})(\text{L})]_n$ (bpy = 2,2'-bipyridine; L = CO, MeCN) and of Their Reduced Forms: A Spectroelectrochemical Study. <i>Inorganic Chemistry</i> , 2004, 43, 7250-7258.	4.0	35
33	Electrochemical preparation of nanometer sized noble metal particles into a polypyrrole functionalized by a molecular electrocatalyst precursor. <i>Journal of Materials Chemistry</i> , 2004, 14, 2606.	6.7	15
34	Binuclear Manganese Compounds of Potential Biological Significance. 1. Syntheses and Structural, Magnetic, and Electrochemical Properties of Dimanganese(II) and -(II,III) Complexes of a Bridging Unsymmetrical Phenolate Ligand. <i>Inorganic Chemistry</i> , 2003, 42, 750-760.	4.0	74
35	X-ray Powder Diffraction Study of Organometallic Polymers: $[\text{Ru}(\text{L})(\text{CO})_2]_n$ (L = 2,2'-Bipyridine or 2,2'-bipyridine-5,5'-diyl). <i>Journal of Organometallic Chemistry</i> , 2003, 655, 1-10.	2.8	95
36	Novel Complexes trans(Cl)- $[\text{Os}(\text{bpy})(\text{CO})(\text{CH}_3\text{CN})\text{Cl}_2]_n$ (n = 0, +1; bpy = 2,2'-Bipyridine): Photo- and Electrochemical Syntheses and Comparative Study of Their Bonding and Redox Properties. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 2850-2856.	2.0	14

#	ARTICLE	IF	CITATIONS
37	Electrosynthesis, physico-chemical and electrocatalytic properties of a novel electroactive Ru(0) material based on the (Ru(terpy)(CO)) frame (terpy=2,2',6',2'',6''-terpyridine). Journal of Electroanalytical Chemistry, 2002, 529, 135-144.	3.8	18
38	Synthesis, Structure, and Physicochemical Characterizations of a New Cationic Ruthenium(I)-Ruthenium(I) Tetracarbonyl Bipyridine Dimer Precursor for the Electrochemical Synthesis of an Organometallic Ruthenium(0) Polymer. Organometallics, 2001, 20, 1668-1675.	2.3	64
39	Electrosynthesis of Electroactive Metal-Metal Bonded Polymers [Ru(CO) ₂ L] _n (L = 2,2'-Bipyridine) Tj ETQq1 1 0.784314 rgBT /Overlock Chemical Communications, 2001, 66, 207-227.	1.0	44
40	A Novel Organometallic Polymer of Osmium(0), [Os(2,2'-bipyridine)(CO) ₂] _n : Its Electrosynthesis and Electrocatalytic Properties Towards CO ₂ Reduction. European Journal of Inorganic Chemistry, 2001, 2001, 613-617.	2.0	61
41			

#	ARTICLE	IF	CITATIONS
55	A Model of Semimet Hemerythrin; NMR Spectroscopic Evidence of Valence Localization in Bis($\frac{1}{4}$ -carboxylato)($\frac{1}{4}$ -phenolato)diiron(II,III) Complexes in Solution. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 588-590.	4.4	42
56	Electrocatalytic hydrogenation on poly[RhIII(L)2(Cl)2]+ (L=pyrrole-substituted 2,2'-bipyridine or 1,10-phenanthroline) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	4.8	25
57	Photoinduced Electron Transfer in Bis-Porphyrin-Stoppered [2]-Rotaxanes. , 1995, , 215-234.		0
58	A Mixed-Valent, Unsymmetrical FeII/FeIII Complex with a Terminal Phenolato Ligand as a Model for the Active Site of Purple Acid Phosphatases. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 887-889.	4.4	46
59	Ein gemischtvalenter, unsymmetrischer Fe^{II}/Fe^{III}-Komplex mit einem terminalen Phenolatoliganden als Modell für das aktive Zentrum violetter saurer Phosphatasen. <i>Angewandte Chemie</i> , 1994, 106, 914-917.	2.0	9
60	Formation of Polymeric [{RuO(bpy)(CO)2}n] Films by Electrochemical Reduction of [Ru(bpy)2(CO)2](PF6)2: Its Implication in CO2 Electrocatalytic Reduction. <i>Inorganic Chemistry</i> , 1994, 33, 4410-4412.	4.0	89
61	Electrochemical generation of a metal-hydride complex [(C5Me5)Ir(L)H]+ (L = 2,2'-bipyridine). The electrochemical behaviour.. <i>Journal of Electroanalytical Chemistry</i> , 1993, 362, 301-304.	3.8	39
62	Electrochemical properties of [(C5Me5)RhIII(L)Cl]+ complexes (L = 2,2'-bipyridine or 1,10-phenanthroline) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 generation. <i>Journal of Electroanalytical Chemistry</i> , 1993, 352, 213-228.	3.8	68
63	Photoinduced electron transfer in multiporphyrin clusters and rotaxanes. <i>Pure and Applied Chemistry</i> , 1993, 65, 2343-2349.	1.9	65
64	An unsymmetrical gold (III) - Zinc (II) oblique bis-porphyrin. <i>Tetrahedron Letters</i> , 1991, 32, 197-198.	1.4	31
65	Synthesis of bis-porphyrins containing a 2,9-diphenyl-1,10-phenanthroline spacer. <i>Tetrahedron</i> , 1991, 47, 5123-5132.	1.9	40
66	Effiziente photoinduzierte intramolekulare Energieübertragung in einem gewinkelten Bis(porphyrin)-System. <i>Angewandte Chemie</i> , 1989, 101, 631-632.	2.0	7
67	Efficient Photoinduced Intramolecular Energy Transfer in an Oblique Bis-Porphyrin System. <i>Angewandte Chemie International Edition in English</i> , 1989, 28, 593-595.	4.4	40
68	Synthesis of an oblique bis-porphyrin system containing a 1,10-phenanthroline spacer. <i>Tetrahedron Letters</i> , 1987, 28, 5829-5832.	1.4	31