

Alberto Juris

List of Publications by Year in descending order

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51
papers

6,605
citations

159358

30
h-index

189595

50
g-index

55
all docs

55
docs citations

55
times ranked

4430
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphoryl Group as a Strong π -Donor Anionic Phosphine-Type Ligand: A Combined Experimental and Theoretical Study on Long-Lived Room Temperature Luminescence of the $[\text{Ru}(\text{tpy})(\text{bpy})(\text{PhPO})]^{+}$ Complex. <i>Inorganic Chemistry</i> , 2014, 53, 1946-1948.	1.9	25
2	Can a functionalized phosphine ligand promote room temperature luminescence of the $[\text{Ru}(\text{bpy})_2]^{2+}$ core?. <i>Chemical Communications</i> , 2012, 48, 741-743.	2.2	29
3	Photophysical and electrochemical properties of polypyridine imine ruthenium(II) complexes: a comparative experimental and theoretical study. <i>New Journal of Chemistry</i> , 2012, 36, 2484.	1.4	17
4	Time-Resolved Luminescence Techniques. <i>Lecture Notes in Quantum Chemistry II</i> , 2012, , 167-184.	0.3	1
5	Broad HOMO-LUMO gap tuning through the coordination of a single phosphine, aminophosphine or phosphite onto a $\text{Ru}(\text{tpy})(\text{bpy})_2^{+}$ core. <i>Dalton Transactions</i> , 2008, , 5627.	1.6	27
6	Supramolecular Metal-Polypyridyl and Ru(II) Porphyrin Complexes: Photophysical, Electron Paramagnetic Resonance, and Electrochemical Studies. <i>Inorganic Chemistry</i> , 2008, 47, 5425-5440.	1.9	15
7	The Multichromophore Approach: Prolonged Room-Temperature Luminescence Lifetimes in Ru(II) Complexes Based on Tridentate Polypyridine Ligands. <i>Chemistry - A European Journal</i> , 2006, 12, 8539-8548.	1.7	78
8	Multicomponent Supramolecular Devices: Synthesis, Optical, and Electronic Properties of Bridged Bis-dirhodium and -diruthenium Complexes. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 3878-3892.	1.0	36
9	A New Heptanuclear Dendritic Ruthenium(II) Complex Featuring Photoinduced Energy Transfer Across High-Energy Subunits. <i>ChemPhysChem</i> , 2005, 6, 129-138.	1.0	56
10	Recent developments in photo- and redox-active dendrimers. <i>Annual Reports on the Progress of Chemistry Section C</i> , 2003, 99, 177-241.	4.4	21
11	Ultrafast Energy Transfer in Binuclear Ruthenium-Osmium Complexes as Models for Light-harvesting Antennas. <i>Journal of Physical Chemistry A</i> , 2002, 106, 4312-4319.	1.1	71
12	Structure and reactivity of $[\text{Ru}(\text{2,3-Medpp})_2\text{Cl}_2]^{2+}$. <i>Inorganica Chimica Acta</i> , 2002, 333, 25-31.	1.2	3
13	New ruthenium(II) and osmium(II) trinuclear dendrons. Synthesis, redox behavior, absorption spectra, and luminescence properties. <i>Dalton Transactions RSC</i> , 2001, , 1035-1042.	2.3	24
14	Photophysical properties of supramolecular assemblies containing polypyridine complexes and pyrene chromophores. <i>New Journal of Chemistry</i> , 2001, 25, 1132-1135.	1.4	30
15	Polynuclear Polypyridine Complexes Incorporating Ru(II), Os(II), and Pt(II): Decanuclear Dendrimeric Antennas. <i>Inorganic Chemistry</i> , 2001, 40, 3318-3323.	1.9	50
16	Photochemistry and photophysics of Ru(II)-polypyridine complexes in the Bologna group. From early studies to recent developments. <i>Coordination Chemistry Reviews</i> , 2001, 211, 97-115.	9.5	383
17	Dendrimers based on photoactive metal complexes. Recent advances. <i>Coordination Chemistry Reviews</i> , 2001, 219-221, 545-572.	9.5	229
18	Dendrimers Based on Electroactive Metal Complexes. A Review of Recent Advances. <i>Collection of Czechoslovak Chemical Communications</i> , 2001, 66, 1-32.	1.0	42

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19	Mono- and Dinuclear Ruthenium(II) and Osmium(II) Polypyridine Complexes Built around Spiro-Bridged Bis(phenanthroline) Ligands: Synthesis, Electrochemistry, and Photophysics. <i>Inorganic Chemistry</i> , 2000, 39, 3590-3598.	1.9	62
20	Closely-spaced chelating centers: synthesis of novel spiro-bridged bis-phenanthrolines and bis-indole derivatives. <i>Tetrahedron Letters</i> , 1999, 40, 7311-7314.	0.7	24
21	Analytical characterization of supramolecular species – determination of ruthenium and osmium in dendrimers by electrothermal atomic absorption spectrometry. This paper was presented in part at Euroanalysis IX, Bologna, 1–7 September 1996. Abstract no. WeP166.1. <i>Analytica Chimica Acta</i> , 1998, 375, 285-292.	2.6	11
22	Electrochemical and Photochemical Properties of Metal-Containing Dendrimers. <i>Topics in Current Chemistry</i> , 1998, , 193-228.	4.0	120
23	Intramolecular Photoinduced Electron Transfer in Multicomponent Rhenium(I) Donor–Acceptor Complexes. <i>Inorganic Chemistry</i> , 1998, 37, 5061-5069.	1.9	53
24	Dinuclear and Dendritic Polynuclear Ruthenium(II) and Osmium(II) Polypyridine Complexes: Electrochemistry at Very Positive Potentials in Liquid SO ₂ . <i>Journal of the American Chemical Society</i> , 1998, 120, 5480-5487.	6.6	69
25	Designing Dendrimers Based on Transition-Metal Complexes. Light-Harvesting Properties and Predetermined Redox Patterns. <i>Accounts of Chemical Research</i> , 1998, 31, 26-34.	7.6	884
26	A new rhenium(i) tricarbonylpolypyridine donor–acceptor complex featuring a long-lived charge-separated excited state. <i>Chemical Communications</i> , 1997, , 1593-1594.	2.2	13
27	Polynuclear metal complexes of nanometre size. A versatile synthetic strategy leading to luminescent and redox-active dendrimers made of an osmium(II)-based core and ruthenium(II)-based units in the branches. <i>Journal of Materials Chemistry</i> , 1997, 7, 1227-1236.	6.7	108
28	Energy Transfer in Rigid Ru(II)/Os(II) Dinuclear Complexes with Biscyclometalating Bridging Ligands Containing a Variable Number of Phenylene Units. <i>Inorganic Chemistry</i> , 1996, 35, 136-142.	1.9	154
29	Luminescent and Redox-Active Polynuclear Transition Metal Complexes. <i>Chemical Reviews</i> , 1996, 96, 759-834.	23.0	2,200
30	Dendrimers based on metal complexes. <i>Advances in Dendritic Macromolecules</i> , 1996, , 61-113.	0.6	14
31	Dendrimers of Nanometer Size Based on Metal Complexes: Luminescent and Redox-Active Polynuclear Metal Complexes Containing up to Twenty-Two Metal Centers. <i>Chemistry - A European Journal</i> , 1995, 1, 211-221.	1.7	239
32	Synthesis, Characterization, and Electrochemical and Photophysical Properties of Rhenium(I) and ruthenium(II) complexes of 2,2'-bipyridine ligand functionalized β -cyclodextrins. <i>Helvetica Chimica Acta</i> , 1995, 78, 619-628.	1.0	31
33	Harvesting sunlight by artificial supramolecular antennae. <i>Solar Energy Materials and Solar Cells</i> , 1995, 38, 159-173.	3.0	86
34	Protected building blocks for luminescent and redox-active dendritic metal complexes. Excited state properties and electrochemical behaviour. <i>Canadian Journal of Chemistry</i> , 1995, 73, 1875-1882.	0.6	25
35	Photophysical properties of mono-, di- and tetranuclear copper(I)-polypyridine complexes. <i>Inorganica Chimica Acta</i> , 1994, 225, 251-254.	1.2	27
36	Tetranuclear Bimetallic Complexes of Ruthenium, Osmium, Rhodium, and Iridium. Synthesis, Absorption Spectra, Luminescence, and Electrochemical Properties. <i>Journal of the American Chemical Society</i> , 1994, 116, 9086-9091.	6.6	149

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37	Near-Infrared Luminescence of Supramolecular Species Consisting of Osmium(II)- and/or Ruthenium(II)-Polypyridine Components. <i>Inorganic Chemistry</i> , 1994, 33, 1491-1496.	1.9	78
38	Supramolecular photochemistry. Luminescent and redox active dendritic polynuclear metal complexes. <i>Journal of Chemical Sciences</i> , 1993, 105, 421-434.	0.7	7
39	â€œSmall-Upwardâ€ Approach to Nanostructures: Dendritic Polynuclear Metal Complexes For Light Harvesting. <i>Molecular Crystals and Liquid Crystals</i> , 1993, 234, 79-88.	0.3	13
40	A tridecanuclear ruthenium(II)-polypyridine supramolecular species: synthesis, absorption and luminescence properties and electrochemical oxidation. <i>Inorganic Chemistry</i> , 1992, 31, 2982-2984.	1.9	96
41	Hexanuclear polypyridine complexes containing different metals, bridging ligands and/or terminal ligands. Absorption spectra, electrochemical oxidation, luminescence properties and intercomponent energy transfer. <i>Inorganica Chimica Acta</i> , 1992, 198-200, 507-512.	1.2	37
42	Arborols Based on Luminescent and Redox-Active Transition Metal Complexes. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 1493-1495.	4.4	189
43	Arborole aus vielen lumineszierenden und redoxâ€aktiven Ãœbergangsmetallkomplexfragmenten. <i>Angewandte Chemie</i> , 1992, 104, 1540-1542.	1.6	57
44	Absorption spectra, luminescence properties, and electrochemical behavior of tris-heteroleptic ruthenium(II) polypyridine complexes. <i>Inorganic Chemistry</i> , 1988, 27, 3652-3655.	1.9	84
45	Synthesis and photophysical and electrochemical properties of new halotricarbonyl(polypyridine)rhenium(I) complexes. <i>Inorganic Chemistry</i> , 1988, 27, 4007-4011.	1.9	250
46	Photoinduced Charge Separation: Requirements Needed for Ideal Relays and Photosensitizers. , 1986, , 1-27.		6
47	Luminescence of mixed-ligand Ru(II) chelates is there any bona fide case of dual emission?. <i>Chemical Physics Letters</i> , 1984, 104, 100-104.	1.2	22
48	Excited-state properties of complexes of the tris(diimine)ruthenium(2+) ion family. <i>Inorganic Chemistry</i> , 1983, 22, 3335-3339.	1.9	97
49	New Photosensitizers of the Rutheniumâ€Polypyridine Family for the Water Splitting Reaction. <i>Israel Journal of Chemistry</i> , 1982, 22, 87-90.	1.0	32
50	Ligand-centered luminescence from a ruthenium(II) complex. <i>Chemical Physics Letters</i> , 1982, 89, 101-104.	1.2	34
51	Characterization of the Excited State Properties of Some New Photosensitizers of the Ruthenium (Polypyridine) Family. <i>Helvetica Chimica Acta</i> , 1981, 64, 2175-2182.	1.0	187