# Luisa De Cola

List of Publications by Year
in descending order

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| 388 | 23,250 | 6233 80 | 12558 132 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 433 | 433 | 433 | 18968 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Ruthenium(II) and Osmium(II) Bis(terpyridine) Complexes in Covalently-Linked Multicomponent Systems: Synthesis, Electrochemical Behavior, Absorption Spectra, and Photochemical and Photophysical Properties. Chemical Reviews, 1994, 94, 993-1019. | 23.0 | 1,459 |
| 2 | Controlling and imaging biomimetic self-assembly. Nature Chemistry, 2016, 8, 10-15. | 6.6 | 460 |
| 3 | Tuning iridium(iii) phenylpyridine complexes in the â€œalmost blueâ€•region. Chemical Communications, 2004, , 1774-1775. | 2.2 | 373 |
| 4 | White-Light Emission from an Assembly Comprising Luminescent Iridium and Europium Complexes. Angewandte Chemie - International Edition, 2005, 44, 1806-1810. | 7.2 | 354 |
| 5 | Highly Luminescent, Triple- and Quadruple-Stranded, Dinuclear Eu, Nd, and Sm(III) Lanthanide Complexes Based on Bis-Diketonate Ligands. Journal of the American Chemical Society, 2004, 126, 9413-9424. | 6.6 | 339 |
| 6 | Photoinduced energy and electron transfer processes in rigidly bridged dinuclear Ru/Os complexes. Coordination Chemistry Reviews, 1998, 177, 301-346. | 9.5 | 319 |
| 7 | Electroluminescent device with reversible switching between red and green emission. Nature, 2003, 421, 54-57. | 13.7 | 305 |
| 8 | When self-assembly meets biology: luminescent platinum complexes for imaging applications. Chemical Society Reviews, 2014, 43, 4144-4166. | 18.7 | 297 |
| 9 | Influence of Substituents on the Energy and Nature of the Lowest Excited States of Heteroleptic Phosphorescent Ir(III) Complexes:Â A Joint Theoretical and Experimental Study. Journal of the American Chemical Society, 2007, 129, 8247-8258. | 6.6 | 296 |
| 10 | Switching On Luminescence by the Selfâ€Assembly of a Platinum(II) Complex into Gelating Nanofibers and Electroluminescent Films. Angewandte Chemie - International Edition, 2011, 50, 946-950. | 7.2 | 273 |
| 11 | Aggregation-Induced Electrochemiluminescence of Platinum(II) Complexes. Journal of the American Chemical Society, 2017, 139, 14605-14610. | 6.6 | 262 |
| 12 | Photoinduced processes in dyads and triads containing a ruthenium(II)-bis(terpyridine) photosensitizer covalently linked to electron donor and acceptor groups. Inorganic Chemistry, 1991, 30, 4230-4238. | 1.9 | 251 |
| 13 | Positively Charged Iridium(III) Triazole Derivatives as Blue Emitters for Lightâ€Emitting Electrochemical Cells. Advanced Functional Materials, 2010, 20, 1812-1820. | 7.8 | 250 |
| 14 | Photonic Wires of Nanometric Dimensions. Electronic Energy Transfer in Rigid Rodlike Ru(bpy)32+-(ph)n-Os(bpy)32+Compounds (ph = 1,4-Phenylene;n= 3, 5, 7). Journal of the American Chemical Society, 1999, 121, 4207-4214. | 6.6 | 248 |
| 15 | Ultrasmall inorganic nanoparticles: State-of-the-art and perspectives for biomedical applications. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 1663-1701. | 1.7 | 238 |
| 16 | Blue-Emitting Iridium Complexes with Substituted 1,2,4-Triazole Ligands:â€‰ Synthesis, Photophysics, and Devices. Inorganic Chemistry, 2007, 46, 11082-11093. | 1.9 | 236 |
| 17 | Toward Photoswitchable Dendritic Hosts. Interaction between Azobenzene-Functionalized Dendrimers and Eosin. Journal of the American Chemical Society, 1998, 120, 12187-12191. | 6.6 | 233 |
| 18 | Photochromic Dithienylethene Derivatives Containing Ru(II) or Os(II) Metal Units. Sensitized Photocyclization from a Triplet State. Inorganic Chemistry, 2004, 43, 2779-2792. | 1.9 | 229 |

| # | Article | IF | Citations |
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| 19 | Dendrimers with a Photoactive and Redox-Active [Ru(bpy)3]2+-Type Core:Â Photophysical Properties, Electrochemical Behavior, and Excited-State Electron-Transfer Reactions. Journal of the American Chemical Society, 1999, 121, 6290-6298. | 6.6 | 224 |
| 20 | Blue emitting iridium complexes: synthesis, photophysics and phosphorescent devices. Journal of Materials Chemistry, 2006, 16, 1161. | 6.7 | 220 |
| 21 | Photo-Driven Expulsion of Molecules from Mesostructured Silica Nanoparticles. Journal of Physical Chemistry C, 2007, 111, 6589-6592. | 1.5 | 219 |
| 22 | Azobenzene-Functionalized Cascade Molecules: Photoswitchable Supramolecular Systems. Chemistry - A European Journal, 1998, 4, 699-706. | 1.7 | 207 |
| 23 | Iridium Metal Complexes Containing N-Heterocyclic Carbene Ligands for Blue-Light-Emitting Electrochemical Cells. Inorganic Chemistry, 2010, 49, 9891-9901. | 1.9 | 207 |
| 24 | Amineâ€Rich Nitrogenâ€Doped Carbon Nanodots as a Platform for Selfâ€Enhancing Electrochemiluminescence. Angewandte Chemie - International Edition, 2017, 56, 4757-4761. | 7.2 | 201 |
| 25 | Deep-Blue-Emitting Heteroleptic Iridium(III) Complexes Suited for Highly Efficient Phosphorescent OLEDs. Chemistry of Materials, 2012, 24, 3684-3695. | 3.2 | 198 |
| 26 | Hairpin-Shaped Heterometallic Luminescent Lanthanide Complexes for DNA Intercalative Recognition. Journal of the American Chemical Society, 2003, 125, 9918-9919. | 6.6 | 194 |
| 27 | Breakable mesoporous silica nanoparticles for targeted drug delivery. Nanoscale, 2016, 8, 7240-7247. | 2.8 | 189 |
| 28 | Ultrafast Energy-Electron Transfer Cascade in a Multichromophoric Light-Harvesting Molecular Square. Journal of the American Chemical Society, 2005, 127, 6719-6729. | 6.6 | 188 |
| 29 | Alkylâ€Functionalized Oxideâ€Free Silicon Nanoparticles: Synthesis and Optical Properties. Small, 2008, 4, 1835-1841. | 5.2 | 185 |
| 30 | Recent Advances in Phosphorescent Pt(II) Complexes Featuring Metallophilic Interactions: Properties and Applications. Chemistry Letters, 2015, 44, 1152-1169. | 0.7 | 185 |
| 31 | Dendritic Bipyridine Ligands and Their Tris(Bipyridine)Ruthenium(II) Chelatesâ€"Syntheses, Absorption Spectra, and Photophysical Properties. Chemistry - A European Journal, 1997, 3, 706-712. | 1.7 | 179 |
| 32 | Molecular Probes, Chemosensors, and Nanosensors for Optical Detection of Biorelevant Molecules and Ions in Aqueous Media and Biofluids. Chemical Reviews, 2022, 122, 3459-3636. | 23.0 | 171 |
| 33 | Control of the Mutual Arrangement of Cyclometalated Ligands in Cationic Iridium(III) Complexes. Synthesis, Spectroscopy, and Electroluminescence of the Different Isomers. Journal of the American Chemical Society, 2011, 133, 10543-10558. | 6.6 | 169 |
| 34 | Photoactive Hybrid Nanomaterial for Targeting, Labeling, and Killing Antibioticâ€Resistant Bacteria. Angewandte Chemie - International Edition, 2009, 48, 7928-7931. | 7.2 | 159 |
| 35 | Controllable Growth and Field-Effect Property of Monolayer to Multilayer Microstripes of an Organic Semiconductor. Journal of the American Chemical Society, 2010, 132, 8807-8809. | 6.6 | 155 |
| 36 | Design of Nanocomposite Injectable Hydrogels for Minimally Invasive Surgery. Accounts of Chemical Research, 2019, 52, 2101-2112. | 7.6 | 149 |

| # | Article | IF | Citations |
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| 37 | Photoinduced energy and electron transfer processes in supramolecular species, tris(bipyridine) complexes of ruthenium(II)/osmium(II), Ru(II)/Ru(III), Os(II)/Os(III), and Ru(II)/Os(III) separated by a rigid spacer. Inorganic Chemistry, 1993, 32, 5228-5238. | 1.9 | 146 |
| 38 | Amine-terminated silicon nanoparticles: synthesis, optical properties and their use in bioimaging. Journal of Materials Chemistry, 2009, 19, 5926. | 6.7 | 142 |
| 39 | Dicopper(I) trefoil knots and related unknotted molecular systems: influence of ring size and structural factors on their synthesis and electrochemical and excited-state properties. Journal of the American Chemical Society, 1993, 115, 11237-11244. | 6.6 | 135 |
| 40 | Breakable Hybrid Organosilica Nanocapsules for Protein Delivery. Angewandte Chemie - International Edition, 2016, 55, 3323-3327. | 7.2 | 126 |
| 41 | Supramolecular dendrimers with a [Ru(bpy)3]2+ core and naphthyl peripheral units. New Journal of Chemistry, 1999, 23, 63-69. | 1.4 | 124 |
| 42 | Absorption and luminescence properties of 1, 10-phenanthroline, 2, 9-diphenyl-1, 10-phenanthroline, 2,9-dianisyl-1, 10-phenanthroline and their protonated forms in dichloromethane solution. Journal of the Chemical Society, Faraday Transactions, 1992, 88, 553. | 1.7 | 123 |
| 43 | Electrophosphorescent Devices Based on Cationic Complexes: Control of Switch-on Voltage and Efficiency Through Modification of Charge Injection and Charge Transport. Advanced Functional Materials, 2005, 15, 281-289. | 7.8 | 123 |
| 44 | Length control of supramolecular polymeric nanofibers based on stacked planar platinum(<scp>ii</scp>) complexes by seeded-growth. Chemical Communications, 2015, 51, 15921-15924. | 2.2 | 122 |
| 45 | Combined Delivery of Temozolomide and Anti-miR221 PNA Using Mesoporous Silica Nanoparticles Induces Apoptosis in Resistant Glioma Cells. Small, 2015, 11, 5687-5695. | 5.2 | 121 |
| 46 | Essential Role of the Ancillary Ligand in the Color Tuning of Iridium Tetrazolate Complexes. Inorganic Chemistry, 2008, 47, 10509-10521. | 1.9 | 119 |
| 47 | Photochromic Switches Incorporated in Bridging Ligands: A New Tool to Modulate Energy-Transfer Processes. Advanced Functional Materials, 2006, 16, 195-208. | 7.8 | 118 |
| 48 | 1,2,3-Triazolyl-pyridine derivatives as chelating ligands for blue iridium(iii) complexes. Photophysics and electroluminescent devices. Journal of Materials Chemistry, 2008, 18, 4579. | 6.7 | 112 |
| 49 | Green and Blue Electrochemically Generated Chemiluminescence from Click Chemistryâ€"Customizable Iridium Complexes. Chemistry - A European Journal, 2011, 17, 4640-4647. | 1.7 | 110 |
| 50 | Highly Emitting Concomitant Polymorphic Crystals of a Dinuclear Rhenium Complex. Journal of the American Chemical Society, 2010, 132, 14397-14399. | 6.6 | 109 |
| 51 | Mechanoâ€•and Photochromism from Bulk to Nanoscale: Data Storage on Individual Selfâ€Assembled Ribbons. Advanced Functional Materials, 2016, 26, 5271-5278. | 7.8 | 109 |
| 52 | Supramolecular ruthenium and/or osmium complexes of tris(bipyridine) bridging ligands. Syntheses, absorption spectra, luminescence properties, electrochemical behavior, intercomponent energy, and electron transfer. Journal of the American Chemical Society, 1993, 115, 4076-4086. | 6.6 | 103 |
| 53 | Electrochemical and photophysical properties of new triazole-bridged heterobimetallic ruthenium-rhodium and ruthenium-iridium complexes. Inorganic Chemistry, 1992, 31, 3518-3522. | 1.9 | 102 |
| 54 | Controlling Aggregation in Highly Emissive Pt(II) Complexes Bearing Tridentate Dianionic N<sup>â^§</sup>N<sup>â^§</sup>N Ligands. Synthesis, Photophysics, and Electroluminescence. Chemistry of Materials, 2011, 23, 3659-3667. | 3.2 | 100 |

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| 55 | Photoinduced electronic energy transfer in modular, conjugated, dinuclear Ru(II)/Os(II) complexes. Coordination Chemistry Reviews, 2005, 249, 1360-1371. | 9.5 | 99 |
| 56 | Dimensional Control and Morphological Transformations of Supramolecular Polymeric Nanofibers Based on Cofacially-Stacked Planar Amphiphilic Platinum(II) Complexes. ACS Nano, 2017, 11, 9162-9175. | 7.3 | 99 |
| 57 | Hexaaza macrocyclic complexes of the lanthanides. Inorganic Chemistry, 1986, 25, 1729-1732. | 1.9 | 97 |
| 58 | Ir<sup>III</sup> and Ru<sup>II</sup> Complexes Containing Triazoleâ€Pyridine Ligands: Luminescence Enhancement upon Substitution with Î²â€Cyclodextrin. Chemistry - A European Journal, 2009, 15, 13124-13134. | 1.7 | 97 |
| 59 | Light-enhanced liquid-phase exfoliation and current photoswitching in grapheneâ€“azobenzene composites. Nature Communications, 2016, 7, 11090. | 5.8 | 97 |
| 60 | Electronic Energy Transfer in a Supramolecular Species Containing the[Ru(bpy)3]2+,[Os(bpy)3]2+, and Anthracene Chromophoric Units. Angewandte Chemie International Edition in English, 1995, 34, 595-598. | 4.4 | 95 |
| 61 | Iridium complexes containing p-phenylene units. The influence of the conjugation on the excited state properties. Journal of Materials Chemistry, 2005, 15, 2820. | 6.7 | 95 |
| 62 | Luminescent Neutral Platinum Complexes Bearing an Asymmetric N<sup>^</sup>N<sup>^</sup>N Ligand for Highâ€Performance Solutionâ€Processed OLEDs. Advanced Materials, 2013, 25, 437-442. | 11.1 | 95 |
| 63 | Photoisomerization of Disperse Red 1 Studied with Transient Absorption Spectroscopy and Quantum Chemical Calculations. Journal of Physical Chemistry A, 2006, 110, 11926-11937. | 1.1 | 94 |
| 64 | Time, Space, and Spectrally Resolved Studies on J-Aggregate Interactions in Zeolite L Nanochannels. Journal of the American Chemical Society, 2008, 130, 10970-10976. | 6.6 | 94 |
| 65 | Energy Transfer by a Hopping Mechanism in Dinuclear IrIII/RuII Complexes: A Molecular Wire?. ChemPhysChem, 2005, 6, 2417-2427. | 1.0 | 93 |
| 66 | Poly(Propylene Amine) Dendrimers with Peripheral Dansyl Units:Â Protonation, Absorption Spectra, Photophysical Properties, Intradendrimer Quenching, and Sensitization Processes. Journal of the American Chemical Society, 1999, 121, 12161-12166. | 6.6 | 92 |
| 67 | Luminescent Dinuclear Cu(I) Complexes Containing Rigid Tetraphosphine Ligands. Inorganic Chemistry, 2014, 53, 10944-10951. | 1.9 | 92 |
| 68 | Caged and uncaged ruthenium(II)-polypyridine complexes. Comparative study of the photochemical, photophysical, and electrochemical properties. Journal of the American Chemical Society, 1989, 111, 4662-4668. | 6.6 | 89 |
| 69 | Efficient Near-UV Emitters Based on Cationic Bis-Pincer Iridium(III) Carbene Complexes. Inorganic Chemistry, 2013, 52, 10756-10765. | 1.9 | 89 |
| 70 | Molecular architecture in the field of photonic devices. Coordination Chemistry Reviews, 1999, 190-192, 155-169. | 9.5 | 88 |
| 71 | Highly Emitting Neutral Dinuclear Rhenium Complexes as Phosphorescent Dopants for Electroluminescent Devices. Advanced Functional Materials, 2009, 19, 2607-2614. | 7.8 | 88 |
| 72 | Mono- and di-nuclear iridium(iii) complexes. Synthesis and photophysics. Dalton Transactions, 2003, , 2080-2084. | 1.6 | 87 |

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| 73 | Photoisomerization of Azobenzene Derivatives in Nanostructured Silica. Journal of Physical Chemistry B, 2006, 110, 24390-24398. | 1.2 | 87 |
| 74 | Dipyrrin based luminescent cyclometallated palladium and platinum complexes. Dalton Transactions, 2010, 39, 180-184. | 1.6 | 87 |
| 75 | Ultrahigh Magnetoresistance at Room Temperature in Molecular Wires. Science, 2013, 341, 257-260. | 6.0 | 87 |
| 76 | Self-assembly of a neutral platinum(<scp>ii</scp>) complex into highly emitting microcrystalline fibers through metallophilic interactions. Chemical Communications, 2014, 50, 7269-7272. | 2.2 | 86 |
| 77 | Photoinduced Electron and Energy Transfer Processes in a Bichromophoric Pyreneâ^'Perylene Bisimide System. Journal of Physical Chemistry A, 2004, 108, 1900-1909. | 1.1 | 85 |
| 78 | Efficient Greenish Blue Electrochemiluminescence from Fluorene and Spirobifluorene Derivatives. Journal of the American Chemical Society, 2012, 134, 15402-15409. | 6.6 | 85 |
| 79 | Rigid Rodlike Metal Complexes of Nanometric Dimension: Synthesis, Luminescence Properties, and Long-Range Energy Transfer. Angewandte Chemie International Edition in English, 1993, 32, 1643-1646. | 4.4 | 82 |
| 80 | Electronic energy transfer in a dinuclear Ru/Os complex containing a photoresponsive dithienylethene derivative as bridging ligand. Coordination Chemistry Reviews, 2005, 249, 1327-1335. | 9.5 | 82 |
| 81 | Encapsulating 111In in Nanocontainers for Scintigraphic Imaging: Synthesis, Characterization, and In Vivo Biodistribution. ACS Nano, 2010, 4, 342-348. | 7.3 | 82 |
| 82 | Self-Assembling Living Systems with Functional Nanomaterials. Angewandte Chemie - International Edition, 2007, 46, 6188-6191. | 7.2 | 80 |
| 83 | Multiple Recognition of Barbiturate Guests byâ€œHamilton-Receptorâ€•Functionalized Dendrimers. Chemistry - A European Journal, 2004, 10, 2036-2047. | 1.7 | 79 |
| 84 | Dynamic Microcrystal Assembly by Nitroxide Exchange Reactions. Angewandte Chemie - International Edition, 2010, 49, 6881-6884. | 7.2 | 79 |
| 85 | Luminescent dinuclear rhenium(I) complexes containing bridging 1,2-diazine ligands: Photophysical properties and application. Coordination Chemistry Reviews, 2012, 256, 1621-1643. | 9.5 | 79 |
| 86 | Photophysical, photochemical, and electrochemical properties of mononuclear and dinuclear ruthenium(II) complexes containing 2,2'-bipyridine and the 3,5-bis(pyridin-2-yl)-1,2,4-triazolate ion. Inorganic Chemistry, 1989, 28, 4344-4350. | 1.9 | 76 |
| 87 | Iridium(III) Emitters Based on 1,4-Disubstituted-1H-1,2,3-triazoles as Cyclometalating Ligand: Synthesis, Characterization, and Electroluminescent Devices. Inorganic Chemistry, 2013, 52, 1812-1824. | 1.9 | 76 |
| 88 | Supramolecular Photochemistry and Photophysics. A [3]-Catenand and its Mononuclear and Homo- and Heterodinuclear [3]-Catenates. Journal of the American Chemical Society, 1994, 116, 5211-5217. | 6.6 | 75 |
| 89 | Complex Iridium(III) Salts: Luminescent Porous Crystalline Materials. Angewandte Chemie - International Edition, 2010, 49, 1222-1226. | 7.2 | 75 |
| 90 | Photophysics and Electrochemiluminescence of Bright Cyclometalated Ir(III) Complexes in Aqueous Solutions. Analytical Chemistry, 2016, 88, 4174-4178. | 3.2 | 75 |

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| 91 | Photoinduced Electron Transfer across Oligo-p-phenylene Bridges. Distance and Conformational Effects in Ru(II)â^'Rh(III) Dyads. Inorganic Chemistry, 2007, 46, 5630-5641. | 1.9 | 73 |
| 92 | Functionalized Nanocontainers as Dual Magnetic and Optical Probes for Molecular Imaging Applications. Chemistry of Materials, 2008, 20, 5888-5893. | 3.2 | 73 |
| 93 | FÃ¶rster Resonance Energy Transfer in Quantum Dotâ€“Dyeâ€Loaded Zeolite L Nanoassemblies. Small, 2011, 7, 1488-1494. | 5.2 | 72 |
| 94 | Photofunctional Nanomodulators for Bioexcitation. Angewandte Chemie - International Edition, 2014, 53, 13121-13125. | 7.2 | 72 |
| 95 | Photoactivity and pH Sensitivity of Methyl Orange Functionalized Poly(Propyleneamine) Dendrimers. Macromolecules, 2002, 35, 2743-2747. | 2.2 | 70 |
| 96 | Tuning Emission Properties of Iridium and Ruthenium Metallosurfactants in Micellar Systems. Inorganic Chemistry, 2008, 47, 9131-9133. | 1.9 | 70 |
| 97 | Photophysical, electrochemical and electrochromic properties of copper-bis(4,4â€²-dimethyl-6,6â€²-diphenyl-2,2â€²-bipyridine) complexes. Coordination Chemistry Reviews, 2002, 230, 253-261. | 9.5 | 68 |
| 98 | Multimetallic Ruthenium(II) Complexes as Electrochemiluminescent Labels. Inorganic Chemistry, 2003, 42, 7789-7798. | 1.9 | 68 |
| 99 | Orthogonally Bifunctional Fluorescent Zeoliteâ€Ł Microcrystals. Advanced Materials, 2008, 20, 1614-1618. | 11.1 | 68 |
| 100 | Blue light emitting electrochemical cells incorporating triazole-based luminophores. Journal of Materials Chemistry C, 2013, 1, 7440. | 2.7 | 68 |
| 101 | Biodistribution studies of ultrasmall silicon nanoparticles and carbon dots in experimental rats and tumor mice. Nanoscale, 2018, 10, 9880-9891. | 2.8 | 68 |
| 102 | Rigid Rodlike Dinuclear Ru/Os Complexes of a Novel Bridging Ligand. Intercomponent Energy and Electron-Transfer Processes. The Journal of Physical Chemistry, 1996, 100, 16786-16788. | 2.9 | 67 |
| 103 | Cell Adhesion Behavior on Enantiomerically Functionalized Zeoliteâ€…L Monolayers. Angewandte Chemie - International Edition, 2012, 51, 3716-3720. | 7.2 | 67 |
| 104 | Absorption and emission properties of a 2-catenand, its protonated forms, and its complexes with Li+, Cu+, Ag+, Co2+, Ni2+, Zn2+, Pd2+ and Cd2+: tuning of the luminescence over the whole visible spectral region. Journal of the Chemical Society Dalton Transactions, 1993, , 3241. | 1.1 | 66 |
| 105 | Dinuclear RuII and/or OsII complexes of bis-bipyridine bridging ligands containing adamantane spacers: synthesis, luminescence properties, intercomponent energy and electron transfer processes. Inorganica Chimica Acta, 1996, 242, 281-291. | 1.2 | 66 |
| 106 | Lanthanide Class of a Trinuclear Enantiopure Helical Architecture Containing Chiral Ligands: Synthesis, Structure, and Properties. Chemistry - A European Journal, 2007, 13, 7358-7373. | 1.7 | 66 |
| 107 | Cationic Heteroleptic Cyclometalated IridiumIII Complexes Containing Phenyl-Triazole and Triazole-Pyridine Clicked Ligands. Molecules, 2010, 15, 2039-2059. | 1.7 | 65 |
| 108 | Phosphorescent Organic Lightâ€Emitting Diodes with Outstanding External Quantum Efficiency using Dinuclear Rhenium Complexes as Dopants. Advanced Materials, 2012, 24, 2054-2058. | 11.1 | 65 |

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| 109 | Bio-imaging with neutral luminescent Pt(<scp>ii</scp>) complexes showing metalâ‹¯metal interactions. RSC Advances, 2014, 4, 25709-25718. | 1.7 | 64 |
| 110 | Coupling of Metal-Based Light-Harvesting Antennas and Electron-Donor Subunits: Trinuclear Ruthenium(II) Complexes Containing Tetrathiafulvalene-Substituted Polypyridine Ligands. Chemistry - A European Journal, 2002, 8, 4461-4469. | 1.7 | 63 |
| 111 | Photoinduced Electron Transfer between Metal-Coordinated Cyclodextrin Assemblies and Viologens. Chemistry - A European Journal, 2002, 8, 5407-5414. | 1.7 | 63 |
| 112 | Highly Luminescent, Neutral, Nine-Coordinate Lanthanide(III) Complexes. European Journal of Inorganic Chemistry, 2007, 2007, 3465-3468. | 1.0 | 63 |
| 113 | Photoinduced process in dyads and triads: an osmium(II)-bis(terpyridine) photosensitizer covalently linked to electron donor and acceptor groups. Inorganic Chemistry, 1992, 31, 4112-4117. | 1.9 | 62 |
| 114 | Injecting Electronic Excitation Energy into an Artificial Antenna System through an Ru2+ Complex. Chemistry - A European Journal, 2004, 10, 5771-5775. | 1.7 | 62 |
| 115 | Charge Transfer Processes in Conjugated Triarylamineâ^'Oligothiopheneâ^'Perylenemonoimide Dendrimers. Journal of Physical Chemistry A, 2005, 109, 11687-11695. | 1.1 | 62 |
| 116 | Rhenium Complexes with a Photochemically Variable Anthracene Subunit: A Molecular Switch. Angewandte Chemie International Edition in English, 1997, 36, 2779-2781. | 4.4 | 61 |
| 117 | Iridium(III) Complexes with Sulfonyl and Fluorine Substituents: Synthesis, Stereochemistry and Effect of Functionalisation on their Photophysical Properties. Chemistry - A European Journal, 2009, 15, 136-148. | 1.7 | 61 |
| 118 | Dynamic and Reversible Organization of Zeolite L Crystals Induced by Holographic Optical Tweezers. Advanced Materials, 2010, 22, 4176-4179. | 11.1 | 60 |
| 119 | Analysis of Carbohydrateâ€“Carbohydrate Interactions Using Sugar-Functionalized Silicon Nanoparticles for Cell Imaging. Nano Letters, 2016, 16, 807-811. | 4.5 | 60 |
| 120 | Aggregation induced colour change for phosphorescent iridium(iii) complex-based anionic surfactants. Dalton Transactions, 2011, 40, 12106. | 1.6 | 59 |
| 121 | Mononuclear and dinuclear osmium(II) compounds containing 2,2'-bipyridine and 3,5-bis(pyridin-2-yl)-1,2,4-triazole: synthesis, electrochemistry, absorption spectra, and luminescence properties. Inorganic Chemistry, 1991, 30, 641-645. | 1.9 | 58 |
| 122 | Vectorial Control of Energy-Transfer Processes in Metallocyclodextrin Heterometallic Assemblies. Angewandte Chemie - International Edition, 2003, 42, 1830-1833. | 7.2 | 57 |
| 123 | Sensitized near-infrared emission from ytterbium(iii) via direct energy transfer from iridium(iii) in a heterometallic neutral complex. Dalton Transactions, 2008, , 2385. | 1.6 | 57 |
| 124 | Efficient Energy Transfer between Silicon Nanoparticles and a Ruâ^'Polypyridine Complex. Journal of Physical Chemistry C, 2009, 113, 2235-2240. | 1.5 | 57 |
| 125 | Synthesis, characterization, and crystal structure of a hexaaza macrocyclic complex of lutetium(III). Inorganic Chemistry, 1986, 25, 1127-1132. | 1.9 | 56 |
| 126 | Metallocyclodextrins as Building Blocks in Noncovalent Assemblies of Photoactive Units for the Study of Photoinduced Intercomponent Processes. Inorganic Chemistry, 2001, 40, 3912-3921. | 1.9 | 55 |

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| 127 | Highly emissive metalâ€“organic framework composites by hostâ€“guest chemistry. Photochemical and Photobiological Sciences, 2010, 9, 846. | 1.6 | 55 |
| 128 | Excited State Properties and Energy Transfer within Dipyrrinâ€Based Binuclear Iridium/Platinum Dyads: The Effect of orthoâ€Methylation on the Spacer. Chemistry - A European Journal, 2012, 18, 4041-4050. | 1.7 | 55 |
| 129 | Ruthenium(II)-polypyridine cage complexes: luminescence and photochemical properties. Journal of the American Chemical Society, 1988, 110, 7210-7212. | 6.6 | 54 |
| 130 | Synthesis, Photophysical, Photochemical, and Redox Properties of Nitrospiropyrans Substituted with Ru or Os Tris(bipyridine) Complexes. Inorganic Chemistry, 2006, 45, 8326-8341. | 1.9 | 53 |
| 131 | Interactions of Perylene Bisimide in the One-Dimensional Channels of Zeolite L. Journal of Physical Chemistry C, 2011, 115, 5974-5988. | 1.5 | 53 |
| 132 | Microcontact Transfer Printing of Zeolite Monolayers. Advanced Materials, 2009, 21, 1142-1145. | 11.1 | 52 |
| 133 | Luminescent gels by self-assembling platinum complexes. Dalton Transactions, 2012, 41, 13132. | 1.6 | 52 |
| 134 | A Bis(Diphosphanyl Nâ€Heterocyclic Carbene) Gold Complex: A Synthon for Luminescent Rigid AuAg<sub>2</sub> Arrays and Au<sub>5</sub> and Cu<sub>6</sub> Double Arrays. Angewandte Chemie - International Edition, 2016, 55, 3338-3341. | 7.2 | 52 |
| 135 | Photoinduced energyâ€and electronâ€transfer processes in dinuclear ruthenium(II) and/or osmium(II) complexes connected by a linear rigid bisâ€chelating bridge. Recueil Des Travaux Chimiques Des Pays-Bas, 1995, 114, 534-541. | 0.0 | 50 |
| 136 | Iridium(iii)â€“surfactant complex immobilized in mesoporous silica via templated synthesis: a new route to optical materials. Journal of Materials Chemistry, 2011, 21, 8829. | 6.7 | 50 |
| 137 | Neutral N^C^N terdentate luminescent Pt(<scp>ii</scp>) complexes: their synthesis, photophysical properties, and bio-imaging applications. Dalton Transactions, 2015, 44, 8478-8487. | 1.6 | 50 |
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