

Nicola Armaroli

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208
papers

15,545
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62
h-index

119
g-index

237
ext. papers

16,526
ext. citations

7.1
avg. IF

6.68
L-index

#	Paper	IF	Citations
208	The future of energy supply: Challenges and opportunities. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 52-66	16.4	1291
207	Luminescent ionic transition-metal complexes for light-emitting electrochemical cells. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 8178-211	16.4	767
206	The hydrogen issue. <i>ChemSusChem</i> , 2011 , 4, 21-36	8.3	594
205	Luminescent complexes beyond the platinum group: the d10 avenue. <i>Chemical Communications</i> , 2008 , 2185-93	5.8	529
204	Photoactive mono- and polynuclear Cu(I)phenanthrolines. A viable alternative to Ru(II)polypyridines?. <i>Chemical Society Reviews</i> , 2001 , 30, 113-124	58.5	499
203	Photochemistry and Photophysics of Coordination Compounds: Copper 2007 , 69-115		431
202	Complexes of the Ruthenium(II)-2,2',6',6''terpyridine Family. Effect of Electron-Accepting and -Donating Substituents on the Photophysical and Electrochemical Properties. <i>Inorganic Chemistry</i> , 1995 , 34, 2759-2767	5.1	394
201	Visible and near-infrared intense luminescence from water-soluble lanthanide [Tb(III), Eu(III), Sm(III), Dy(III), Pr(III), Ho(III), Yb(III), Nd(III), Er(III)] complexes. <i>Inorganic Chemistry</i> , 2005 , 44, 529-37	5.1	332
200	Towards an electricity-powered world. <i>Energy and Environmental Science</i> , 2011 , 4, 3193	35.4	328
199	Highly Luminescent CuI Complexes for Light-Emitting Electrochemical Cells. <i>Advanced Materials</i> , 2006 , 18, 1313-1316	24	319
198	FullereneOligophenylenevinylene Hybrids: Synthesis, Electronic Properties, and Incorporation in Photovoltaic Devices. <i>Journal of the American Chemical Society</i> , 2000 , 122, 7467-7479	16.4	314
197	1,10-phenanthrolines: versatile building blocks for luminescent molecules, materials and metal complexes. <i>Chemical Society Reviews</i> , 2009 , 38, 1690-700	58.5	297
196	Rotaxanes Incorporating Two Different Coordinating Units in Their Thread: Synthesis and Electrochemically and Photochemically Induced Molecular Motions. <i>Journal of the American Chemical Society</i> , 1999 , 121, 4397-4408	16.4	294
195	Die Zukunft der Energieversorgung I Herausforderungen und Chancen. <i>Angewandte Chemie</i> , 2007 , 119, 52-67	3.6	239
194	Solar Electricity and Solar Fuels: Status and Perspectives in the Context of the Energy Transition. <i>Chemistry - A European Journal</i> , 2016 , 22, 32-57	4.8	239
193	Electrochemically and Photochemically Driven Ring Motions in a Disymmetrical Copper [2]-Catenate. <i>Journal of the American Chemical Society</i> , 1997 , 119, 12114-12124	16.4	213
192	White-light-emitting supramolecular gels. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 365-8	16.4	208

191	Syntheses and crystal structures of dinuclear complexes containing d-block and f-block luminophores. Sensitization of NIR luminescence from Yb(III), Nd(III), and Er(III) centers by energy transfer from Re(I)- and Pt(II)-bipyrimidine metal centers. <i>Inorganic Chemistry</i> , 2005 , 44, 61-72	5.1	181
190	Highly luminescent Cu(I)-phenanthroline complexes in rigid matrix and temperature dependence of the photophysical properties. <i>Journal of the American Chemical Society</i> , 2001 , 123, 6291-9	16.4	175
189	Oligo(phenylenevinylene) hybrids and self-assemblies: versatile materials for excitation energy transfer. <i>Chemical Society Reviews</i> , 2014 , 43, 4222-42	58.5	163
188	Heteroleptic copper(I) complexes prepared from phenanthroline and bis-phosphine ligands. <i>Inorganic Chemistry</i> , 2013 , 52, 12140-51	5.1	160
187	Charge-transfer interactions in face-to-face porphyrin-fullerene systems: solvent-dependent luminescence in the infrared spectral region. <i>Chemistry - A European Journal</i> , 2000 , 6, 1629-45	4.8	159
186	Electrophosphorescent homo- and heteroleptic copper(I) complexes prepared from various bis-phosphine ligands. <i>Chemical Communications</i> , 2007 , 3077-9	5.8	149
185	Calix[4]arene-linked bisporphyrin hosts for fullerenes: binding strength, solvation effects, and porphyrin-fullerene charge transfer bands. <i>Journal of the American Chemical Society</i> , 2006 , 128, 15903-13	16.4	149
184	A new pyridyl-substituted methanofullerene derivative. Photophysics, electrochemistry and self-assembly with zinc(II) meso-tetraphenylporphyrin (ZnTPP). <i>New Journal of Chemistry</i> , 1999 , 23, 77-83	3.6	139
183	A Study on Delocalization of MLCT Excited States by Rigid Bridging Ligands in Homometallic Dinuclear Complexes of Ruthenium(II). <i>Journal of Physical Chemistry A</i> , 1997 , 101, 9061-9069	2.8	132
182	A Copper(I)-Complexed Rotaxane with Two Fullerene Stoppers: Synthesis, Electrochemistry, and Photoinduced Processes. <i>Chemistry - A European Journal</i> , 1998 , 4, 406-416	4.8	128
181	The exceptional near-infrared luminescence properties of cuprorivaite (Egyptian blue). <i>Chemical Communications</i> , 2009 , 3392-4	5.8	116
180	Photoinduced processes in multicomponent arrays containing transition metal complexes. <i>Coordination Chemistry Reviews</i> , 1999 , 190-192, 671-682	23.2	115
179	Novel phenanthroline ligands and their kinetically locked copper(I) complexes with unexpected photophysical properties. <i>Inorganic Chemistry</i> , 2006 , 45, 2061-7	5.1	114
178	Exceptional redox and photophysical properties of a triply fused diporphyrin-C60 conjugate: novel scaffolds for multicharge storage in molecular scale electronics. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 4966-70	16.4	114
177	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. <i>Journal of the American Chemical Society</i> , 1993 , 115, 11237-11244	16.4	113
176	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. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1992 , 88, 553		111
175	Engineering of supramolecular H-bonded nanopolygons via self-assembly of programmed molecular modules. <i>Journal of the American Chemical Society</i> , 2009 , 131, 509-20	16.4	102
174	From metal complexes to fullerene arrays: exploring the exciting world of supramolecular photochemistry fifteen years after its birth. <i>Photochemical and Photobiological Sciences</i> , 2003 , 2, 73-87	4.2	102

173	Highly luminescent Eu(3+) and Tb(3+) macrocyclic complexes bearing an appended phenanthroline chromophore. <i>Inorganic Chemistry</i> , 2002 , 41, 2777-84	5.1	97
172	Charged bis-cyclometalated iridium(III) complexes with carbene-based ancillary ligands. <i>Inorganic Chemistry</i> , 2013 , 52, 10292-305	5.1	96
171	Blue-emitting dinuclear N-heterocyclic dicarbene gold(I) complex featuring a nearly unit quantum yield. <i>Inorganic Chemistry</i> , 2012 , 51, 1778-84	5.1	91
170	New tetrazole-based Cu(I) homo- and heteroleptic complexes with various P^P ligands: synthesis, characterization, redox and photophysical properties. <i>Dalton Transactions</i> , 2013 , 42, 997-1010	4.3	90
169	Photophysical properties of charged cyclometalated Ir(III) complexes: a joint theoretical and experimental study. <i>Inorganic Chemistry</i> , 2011 , 50, 7229-38	5.1	89
168	Photoinduced processes in fullerenopyrrolidine and fullerenopyrazoline derivatives substituted with an oligophenylenevinylene moiety. <i>Journal of Materials Chemistry</i> , 2002 , 12, 2077-2087		86
167	[60]Fullerene: a versatile photoactive core for dendrimer chemistry. <i>Chemistry - A European Journal</i> , 2003 , 9, 36-41	4.8	84
166	Taking Advantage of the Electronic Excited States of [60]-Fullerenes. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 1385-1403	3.8	82
165	Lumineszierende ionische Übergangsmetallkomplexe für leuchtende elektrochemische Zellen. <i>Angewandte Chemie</i> , 2012 , 124, 8300-8334	3.6	80
164	Photoinduced Processes in Dyads Made of a Porphyrin Unit and a Ruthenium Complex. <i>Journal of Physical Chemistry B</i> , 1997 , 101, 5936-5943	3.4	77
163	Triplet-Triplet Energy Transfer between Porphyrins Linked via a Ruthenium(II) Bisterpyridine Complex. <i>Inorganic Chemistry</i> , 1999 , 38, 661-667	5.1	75
162	Ultrasound stimulated nucleation and growth of a dye assembly into extended gel nanostructures. <i>Chemistry - A European Journal</i> , 2013 , 19, 12991-3001	4.8	74
161	Modular engineering of H-bonded supramolecular polymers for reversible functionalization of carbon nanotubes. <i>Journal of the American Chemical Society</i> , 2011 , 133, 15412-24	16.4	74
160	Photoinduced energy transfer in a fullerene-oligophenylenevinylene conjugate. <i>Chemical Communications</i> , 2000 , 599-600	5.8	74
159	A Copper(I) Bis-phenanthroline Complex Buried in Fullerene-Functionalized Dendritic Black Boxes. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 3730-3733	16.4	73
158	Polarity effects on the photophysics of dendrimers with an oligophenylenevinylene core and peripheral fullerene units. <i>Chemistry - A European Journal</i> , 2004 , 10, 5076-86	4.8	70
157	Photoinduced Processes in Highly Coupled Multicomponent Arrays Based on a Ruthenium(II)Bis(terpyridine) Complex and Porphyrins. <i>Chemistry - A European Journal</i> , 1998 , 4, 1744-1754	4.8	69
156	Wet Adsorption of a Luminescent Eu(III) complex on Carbon Nanotubes Sidewalls. <i>Advanced Functional Materials</i> , 2007 , 17, 2975-2982	15.6	69

155	. <i>Chemistry - A European Journal</i> , 2000 , 6, 1629-1645	4.8	69
154	Interplay of light antenna and excitation "energy reservoir" effects in a bichromophoric system based on ruthenium-polypyridine and pyrene units linked by a long and flexible poly(ethylene glycol) chain. <i>Inorganic Chemistry</i> , 2002 , 41, 6711-9	5.1	67
153	Oligoporphyrin Arrays Conjugated to [60]Fullerene: Preparation, NMR Analysis, and Photophysical and Electrochemical Properties. <i>Helvetica Chimica Acta</i> , 2005 , 88, 1839-1884	2	66
152	Photophysical and electrochemical properties of meso, meso-linked oligoporphyrin rods with appended fullerene terminals. <i>ChemPhysChem</i> , 2005 , 6, 732-43	3.2	66
151	Supramolecular Photochemistry and Photophysics. A [3]-Catenand and its Mononuclear and Homo- and Heterodinuclear [3]-Catenates. <i>Journal of the American Chemical Society</i> , 1994 , 116, 5211-5217	16.4	65
150	Bright blue phosphorescence from cationic bis-cyclometalated iridium(III) isocyanide complexes. <i>Inorganic Chemistry</i> , 2012 , 51, 2263-71	5.1	64
149	Photophysical properties of the ReI and RuII complexes of a new C60-substituted bipyridine ligand. <i>Chemistry - A European Journal</i> , 2002 , 8, 2314-23	4.8	64
148	Structural and Photophysical Properties of Mononuclear and Dinuclear Lanthanide(III) Complexes of Multidentate Podand Ligands Based on Poly(pyrazolyl)borates. <i>Inorganic Chemistry</i> , 1999 , 38, 5769-5776	5.1	64
147	Engineering conjugation in para-phenylene-bridged porphyrin tapes. <i>Chemical Science</i> , 2012 , 3, 1541	9.4	63
146	Homoleptic Copper(I), Silver(I), and Gold(I) Bisphosphine Complexes. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 1345-1355	2.3	61
145	Heteroleptic Cu(I) complexes containing phenanthroline-type and 1,1'-bis(diphenylphosphino)ferrocene ligands: Structure and electronic properties. <i>Inorganica Chimica Acta</i> , 2007 , 360, 1032-1042	2.7	61
144	Luminescent molecular wires with 2,5-thiophenediyl spacers linking {Ru(terpy)} ₂ units. <i>Chemical Communications</i> , 1999 , 869-870	5.8	59
143	Absorption and emission properties of a 2-catenand, its protonated forms, and its complexes with Li ⁺ , Cu ⁺ , Ag ⁺ , Co ²⁺ , Ni ²⁺ , Zn ²⁺ , Pd ²⁺ and Cd ²⁺ : tuning of the luminescence over the whole visible spectral region. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993 , 3241		59
142	Heteroleptic Copper(I) Pseudorotaxanes Incorporating Macrocyclic Phenanthroline Ligands of Different Sizes. <i>Journal of the American Chemical Society</i> , 2018 , 140, 2336-2347	16.4	58
141	Iridium(III) complexes with phenyl-tetrazoles as cyclometalating ligands. <i>Inorganic Chemistry</i> , 2014 , 53, 7709-21	5.1	57
140	Fullerodendrimers with peripheral triethyleneglycol chains: synthesis, mass spectrometric characterization, and photophysical properties. <i>New Journal of Chemistry</i> , 2002 , 26, 1146-1154	3.6	57
139	Polybenzyl ether dendrimers for the complexation of [60]fullerenes. <i>New Journal of Chemistry</i> , 2000 , 24, 749-758	3.6	56
138	Complexation of fullerenes with dendritic cyclotrimeratrylene derivatives. <i>Tetrahedron Letters</i> , 1999 , 40, 5681-5684	2	56

- 137 Ligand substitution patterns control photophysical properties of ruthenium(II)-2,2':6',2''-terpyridine complexes. Room temperature emission from [Ru(tpy)₂]²⁺ analogues. *Polyhedron*, **1992**, 11, 2707-2709 2.7 55
- 136 Heteroleptic Copper(I) Complexes Prepared from Phenanthroline and Bis-Phosphine Ligands: Rationalization of the Photophysical and Electrochemical Properties. *Inorganic Chemistry*, **2018**, 57, 15537-15549 5.1 55
- 135 Heteroleptic copper(I) complexes coupled with methano[60]fullerene: synthesis, electrochemistry, and photophysics. *Inorganic Chemistry*, **2008**, 47, 6254-61 5.1 53
- 134 A fullerene core to probe dendritic shielding effects. *Tetrahedron*, **2003**, 59, 3833-3844 2.4 52
- 133 The legacy of fossil fuels. *Chemistry - an Asian Journal*, **2011**, 6, 768-84 4.5 49
- 132 Assemblies of luminescent ruthenium(II) and osmium(II) polypyridyl complexes based on hydrogen bonding. *Coordination Chemistry Reviews*, **1998**, 171, 481-488 23.2 49
- 131 Synthesis, X-ray Structure, and Electrochemical and Excited-State Properties of Multicomponent Complexes Made of a [Ru(Tpy)₂]²⁺ Unit Covalently Linked to a [2]-Catenate Moiety. Controlling the Energy-Transfer Direction by Changing the Catenate Metal Ion. *Journal of the American Chemical Society*, **1999**, 121, 5481-5488 16.4 49
- 130 A supramolecular photosynthetic model made of a multiporphyrinic array constructed around a C₆₀ core and a C₆₀-imidazole derivative. *Chemistry - A European Journal*, **2014**, 20, 223-31 4.8 48
- 129 Ligand-based charge-transfer luminescence in ionic cyclometalated iridium(III) complexes bearing a pyrene-functionalized bipyridine ligand: a joint theoretical and experimental study. *Inorganic Chemistry*, **2013**, 52, 885-97 5.1 48
- 128 Dendritic Effects on Structure and Photophysical and Photoelectrochemical Properties of Fullerene Dendrimers and Their Nanoclusters. *Journal of Physical Chemistry C*, **2007**, 111, 2777-2786 3.8 48
- 127 The Rise of Near-Infrared Emitters: Organic Dyes, Porphyrinoids, and Transition Metal Complexes. *Topics in Current Chemistry*, **2016**, 374, 47 7.2 47
- 126 Photoinduced structural modifications in multicomponent architectures containing azobenzene moieties as photoswitchable cores. *Journal of Materials Chemistry*, **2009**, 19, 4715 4.6 46
- 125 Temperature Independent Ru-*q*Os Electronic Energy Transfer in a Rodlike Dinuclear Complex with a 2.4 nm Intermetal Separation. *Journal of the American Chemical Society*, **1996**, 118, 11972-11973 16.4 46
- 124 Weißlichtemittierende supramolekulare Gele. *Angewandte Chemie*, **2014**, 126, 373-376 3.6 45
- 123 Extreme Tuning of Redox and Optical Properties of Cationic Cyclometalated Iridium(III) Isocyanide Complexes. *Organometallics*, **2013**, 32, 460-467 3.8 45
- 122 Photoinduced electron transfer in a clicked fullerene-porphyrin conjugate. *Journal of Materials Chemistry*, **2011**, 21, 1562-1573 4.5 45
- 121 Photoinduced electron and energy transfer processes in fullerene C₆₀-metal complex hybrid assemblies. *Comptes Rendus Chimie*, **2006**, 9, 1005-1013 2.7 45
- 120 Pyrazolino[60]fullerene-oligophenylenevinylene dumbbell-shaped arrays: synthesis, electrochemistry, photophysics, and self-assembly on surfaces. *Chemistry - A European Journal*, **2005**, 11, 4405-15 4.8 45

119	Solvent Molding of Organic Morphologies Made of Supramolecular Chiral Polymers. <i>Journal of the American Chemical Society</i> , 2015 , 137, 8150-60	16.4	44
118	Functionalization of [60]fullerene with new light-collecting oligophenylenevinylene-terminated dendritic wedges. <i>Tetrahedron Letters</i> , 2002 , 43, 65-68	2	43
117	Blue Phosphorescence of Trifluoromethyl- and Trifluoromethoxy-Substituted Cationic Iridium(III) Isocyanide Complexes. <i>Organometallics</i> , 2012 , 31, 6288-6296	3.8	42
116	A Mesoionic Carbene as Neutral Ligand for Phosphorescent Cationic Ir(III) Complexes. <i>Inorganic Chemistry</i> , 2016 , 55, 7912-9	5.1	42
115	Synthesis and electronic properties of donor-linked fullerenes. <i>Carbon</i> , 2000 , 38, 1587-1598	10.4	41
114	Complexes Containing 2,9-Bis(p-biphenyl)-1,10-phenanthroline Units Incorporated into a 56-Membered Ring. Synthesis, Electrochemistry, and Photophysical Properties. <i>Inorganic Chemistry</i> , 1997 , 36, 5329-5338	5.1	40
113	Exceptional Redox and Photophysical Properties of a Triply Fused Diporphyrin π 60 Conjugate: Novel Scaffolds for Multicharge Storage in Molecular Scale Electronics. <i>Angewandte Chemie</i> , 2003 , 115, 5116-5120	3.6	40
112	Supramolecular photochemistry and photophysics. Biacetyl imprisoned in a hemicarcerand. <i>The Journal of Physical Chemistry</i> , 1995 , 99, 12701-12703		40
111	Engineering spherical nanostructures through hydrogen bonds. <i>Chemical Communications</i> , 2009 , 2830-2	5.8	38
110	Electronic excited-state engineering. <i>ChemPhysChem</i> , 2008 , 9, 371-3	3.2	38
109	Photoredox radical conjugate addition of dithiane-2-carboxylate promoted by an iridium(III) phenyl-tetrazole complex: a formal radical methylation of Michael acceptors. <i>Chemical Science</i> , 2017 , 8, 1613-1620	9.4	37
108	Photoinduced processes in porphyrin-stoppered [3]-rotaxanes. <i>New Journal of Chemistry</i> , 1999 , 23, 11513-1158	3.1	37
107	Knotted Heterodinuclear Complexes. <i>Angewandte Chemie International Edition in English</i> , 1996 , 35, 1119-1121		37
106	Panchromatic luminescence from julolidine dyes exhibiting excited state intramolecular proton transfer. <i>Chemical Communications</i> , 2015 , 51, 3351-4	5.8	36
105	Electrostatically-driven assembly of MWCNTs with a europium complex. <i>Chemical Communications</i> , 2011 , 47, 1625-7	5.8	36
104	Walking Down the Chalcogenic Group of the Periodic Table: From Singlet to Triplet Organic Emitters. <i>Chemistry - A European Journal</i> , 2015 , 21, 15377-87	4.8	35
103	Cationic iridium(III) complexes with two carbene-based cyclometalating ligands: cis versus trans isomers. <i>Inorganic Chemistry</i> , 2015 , 54, 3031-42	5.1	34
102	2010 ,		34

101	Cyanobuta-1,3-dienes as novel electron acceptors for photoactive multicomponent systems. <i>Chemistry - A European Journal</i> , 2014 , 20, 202-16	4.8	33
100	Structure-dependent photoinduced electron transfer in fullerodendrimers with light-harvesting oligophenylenevinylene terminals. <i>Chemistry - an Asian Journal</i> , 2006 , 1, 564-74	4.5	33
99	Ultrafast dynamics of Cu(I)-phenanthrolines in dichloromethane. <i>Chemical Communications</i> , 2003 , 3010-15	5.8	33
98	Excited-state properties in supramolecular systems. Luminescence and intercomponent interactions in a 3-catenand and some 3-catenates. <i>Journal of the American Chemical Society</i> , 1991 , 113, 4033-4035	16.4	33
97	Photocatalytic Radical Alkylation of Electrophilic Olefins by Benzylic and Alkyl Zinc-Sulfonates. <i>ACS Catalysis</i> , 2017 , 7, 5357-5362	13.1	32
96	Fullerodendrimers with a perylenediimide core. <i>New Journal of Chemistry</i> , 2011 , 35, 2234	3.6	32
95	Electronic properties of oligophenylenevinylene and oligophenyleneethynylene arrays constructed on the upper rim of a calix[4]arene core. <i>New Journal of Chemistry</i> , 2004 , 28, 1627	3.6	32
94	Ground and excited state electronic interactions in a bis(phenanthroline) copper(I) complex sandwiched between two fullerene subunits. <i>Inorganic Chemistry</i> , 2003 , 42, 8783-93	5.1	32
93	Endoreceptors with Convergent Phenanthroline Units: A Molecular Cavity for Six Guest Molecules. <i>Angewandte Chemie International Edition in English</i> , 1991 , 30, 1333-1336		32
92	Covalently Functionalized SWCNTs as Tailored p-Type Dopants for Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 27966-27973	9.5	31
91	Synthesis and excited state properties of a [60]fullerene derivative bearing a star-shaped multi-photon absorption chromophore. <i>Chemical Communications</i> , 2006 , 2054-6	5.8	31
90	Anionic Cyclometalated Iridium(III) Complexes with a Bis-Tetrazolate Ancillary Ligand for Light-Emitting Electrochemical Cells. <i>Inorganic Chemistry</i> , 2017 , 56, 10584-10595	5.1	30
89	Synthesis and Photophysical Properties of Copper(I) Complexes Obtained from 1,10-Phenanthroline Ligands with Increasingly Bulky 2,9-Substituents. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 164-173	2.3	30
88	Fullerohelicenes: a new class of fullerene-containing supermolecules. <i>Chemical Communications</i> , 2004 , 1582-3	5.8	30
87	Electronic energy transfer between ruthenium(II) and osmium(II) polypyridyl luminophores in a hydrogen-bonded supramolecular assembly. <i>Chemical Communications</i> , 1997 , 2181-2182	5.8	29
86	Fullerene-containing macromolecules for materials science applications. <i>Carbon</i> , 2004 , 42, 1077-1083	10.4	29
85	From molecular to macroscopic engineering: shaping hydrogen-bonded organic nanomaterials. <i>Chemistry - A European Journal</i> , 2011 , 17, 3262-73	4.8	28
84	Synthesis and optical properties of isomeric branched pi-conjugated systems. <i>Journal of Organic Chemistry</i> , 2005 , 70, 7550-7	4.2	28

83	Nature of the lowest energy excited state of a bis-phenanthroline [2]-catenand and its Cu(I), Ag(I) and Co(II) complexes. <i>Chemical Physics Letters</i> , 1995 , 241, 555-558	2.5	28
82	Intercomponent Electronic Energy Transfer in Heteropolynuclear Complexes Containing Ruthenium- and Rhenium-Based Chromophores Bridged by an Asymmetric Quaterpyridine Ligand. <i>Inorganic Chemistry</i> , 1997 , 36, 2601-2609	5.1	27
81	Photoinduced energy and electron transfer in fullerene-oligophenyleneethynylene systems: dependence on the substituents of the oligomer unit. <i>Photochemical and Photobiological Sciences</i> , 2006 , 5, 1165-72	4.2	27
80	Dinuclear Cu(I) complexes prepared from 2-diphenylphosphino-6-methylpyridine. <i>Polyhedron</i> , 2014 , 82, 158-172	2.7	26
79	A stable and strongly luminescent dinuclear Cu(I) helical complex prepared from 2-diphenylphosphino-6-methylpyridine. <i>Chemical Communications</i> , 2013 , 49, 859-61	5.8	26
78	CNTs in Optoelectronic Devices: New Structural and Photophysical Insights on Porphyrin-DWCNTs Hybrid Materials. <i>Advanced Functional Materials</i> , 2012 , 22, 3209-3222	15.6	26
77	Synthesis and Photoluminescence Properties of Heteroleptic Europium(III) Complexes with Appended Carbazole Units. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 2075-2080	2.3	26
76	Macrocyclic Complexes of [Ru(N-N) ₂] ²⁺ Units [N-N = 1,10 Phenanthroline or 4-(p-Anisyl)-1,10-Phenanthroline]: Synthesis and Photochemical Expulsion Studies. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 467-474	2.3	26
75	A supramolecular porphyrin-ferrocene-fullerene triad. <i>New Journal of Chemistry</i> , 2011 , 35, 632	3.6	25
74	Derivatives of luminescent metal-polypyridyl complexes with pendant adenine or thymine groups: building blocks for supramolecular assemblies based on hydrogen bonding. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997 , 727-736		25
73	Synthesis and electronic properties of covalent assemblies of oligophenylenevinylene units arising from a calix. <i>Journal of Organic Chemistry</i> , 2001 , 66, 6432-9	4.2	25
72	Lanthanide complexes of a new sterically hindered potentially hexadentate podand ligand based on a tris(pyrazolyl)borate core; crystal structures, solution structures and luminescence properties. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999 , 349-356		25
71	Synthesis, photophysical, electrochemical, and electrochemiluminescent properties of 5,15-bis(9-anthracenyl)porphyrin derivatives. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 2402-13	3.9	24
70	Controlling the energy-transfer direction: an oligophenylenevinylene-phenanthroline dyad acting as a proton triggered molecular switch. <i>Chemical Communications</i> , 2000 , 2105-2106	5.8	23
69	A luminescent host-guest hybrid between a Eu(III) complex and MWCNTs. <i>Chemistry - A European Journal</i> , 2011 , 17, 8533-7	4.8	21
68	Fullerene-rich dendrimers: divergent synthesis and photophysical properties. <i>New Journal of Chemistry</i> , 2009 , 33, 337-344	3.6	21
67	Synthesis and near-infrared luminescence of a deuterated conjugated porphyrin dimer for probing the mechanism of non-radiative deactivation. <i>Organic and Biomolecular Chemistry</i> , 2007 , 5, 1056-61	3.9	21
66	Deep-Red Phosphorescent Iridium(III) Complexes with Chromophoric N-Heterocyclic Carbene Ligands: Design, Photophysical Properties, and DFT Calculations. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 1631-1634	2.3	21

65	Excited-State Engineering in Heteroleptic Ionic Iridium(III) Complexes. <i>Accounts of Chemical Research</i> , 2021 , 54, 1492-1505	24.3	20
64	1,10-Phenanthrolines with tunable luminescence upon protonation: a spectroscopic and computational study. <i>Journal of Physical Chemistry A</i> , 2007 , 111, 7707-18	2.8	19
63	Synthesis of fullerohelicates and fine tuning of the photoinduced processes by changing the number of addends on the fullerene subunits. <i>Tetrahedron</i> , 2006 , 62, 2060-2073	2.4	19
62	Calix[4]oligophenylenevinylene: a new rigid core for the design of π -conjugated liquid crystalline derivatives. <i>Tetrahedron Letters</i> , 2001 , 42, 2309-2312	2	19
61	Synthesis and photoluminescence properties of asymmetrical europium(III) complexes involving carbazole, phenanthroline and bathophenanthroline units. <i>Inorganica Chimica Acta</i> , 2009 , 362, 3181-3186	2.7	18
60	Luminescence properties of Eu ³⁺ , Tb ³⁺ , and Gd ³⁺ complexes of the hexadentate N-donor podand tris-[3-(2-pyridyl) pyrazol-yl]hydroborate. <i>Chemical Physics Letters</i> , 1997 , 276, 435-440	2.5	18
59	All-thiophene donor-acceptor blends: photophysics, morphology and photoresponse. <i>Journal of Materials Chemistry</i> , 2005 , 15, 895-901		18
58	Cyclometalated N-heterocyclic carbene iridium(III) complexes with naphthalimide chromophores: a novel class of phosphorescent heteroleptic compounds. <i>Dalton Transactions</i> , 2018 , 47, 3440-3451	4.3	17
57	[60]Fullerene-porphyrin [n]pseudorotaxanes: self-assembly, photophysics and third-order NLO response. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 11858-68	3.6	17
56	Luminescent blooming of dendronic carbon nanotubes through ion-pairing interactions with an Eu(III) complex. <i>Chemistry - A European Journal</i> , 2012 , 18, 5889-97	4.8	17
55	Carbazole-terpyridine donor-acceptor luminophores. <i>RSC Advances</i> , 2013 , 3, 6507	3.7	17
54	Molecular photovoltaic devices. <i>Materials Today</i> , 2001 , 4, 16-18	21.8	17
53	Thin layer cyclic voltammetry: an efficient tool to determine the redox characteristics of large dendrimers. <i>Chemical Communications</i> , 2002 , 2830-1	5.8	17
52	A chelating diisocyanide ligand for cyclometalated Ir(III) complexes with strong and tunable luminescence. <i>Faraday Discussions</i> , 2015 , 185, 233-48	3.6	16
51	Azobenzene-based supramolecular polymers for processing MWCNTs. <i>Nanoscale</i> , 2013 , 5, 634-45	7.7	16
50	Combining topological and steric constraints for the preparation of heteroleptic copper(I) complexes. <i>Chemistry - A European Journal</i> , 2014 , 20, 12083-90	4.8	16
49	Fullerene derivatives functionalized with diethylamino-substituted conjugated oligomers: synthesis and photoinduced electron transfer. <i>Chemistry - A European Journal</i> , 2009 , 15, 8825-33	4.8	16
48	The electronic properties of a homoleptic bisphosphine Cu(I) complex: A joint theoretical and experimental insight. <i>Computational and Theoretical Chemistry</i> , 2010 , 962, 7-14		16

47	Synthesis and electronic properties of fullerene derivatives substituted with oligophenylenevinyleneferrocene conjugates. <i>New Journal of Chemistry</i> , 2008 , 32, 54-64	3.6	16
46	Synthesis, Complexation and Photophysics in Protic Solvents of Lanthanide Complexes of Novel Calix[4]arene Polycarboxylic-2,2'-bipyridine Mixed Ligands. <i>Supramolecular Chemistry</i> , 2002 , 14, 281-289 ^{1.8}		16
45	Tunable photophysical properties of phenyleneethynylene based bipyridine ligands. <i>Photochemical and Photobiological Sciences</i> , 2009 , 8, 1432-40	4.2	15
44	Copper(I) complexes of 1,10-phenanthrolineoligophenylenevinylene conjugates. <i>New Journal of Chemistry</i> , 2003 , 27, 1470-1478	3.6	15
43	Thermosolutal self-organization of supramolecular polymers into nanocraters. <i>Langmuir</i> , 2011 , 27, 1513-23		14
42	Photo-induced Energy Transfer in a Th-Symmetrical Hexakis-adduct of C60 Substituted with Conjugated Oligomers. <i>Australian Journal of Chemistry</i> , 2011 , 64, 153	1.2	14
41	Protonation of free 2,9-bis(p-biphenyl)-1,10-phenanthrolinesites in a 56-membered macrocycle and in its Reland Culcomplexes Absorption spectra, luminescence properties, and excited state interactions. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1997 , 93, 4145-4150		14
40	Photoinduced energy transfer within hydrogen-bonded multi-component assemblies based on a rutheniumpolypyridyl donor and an osmiumpolypyridyl or ferrocenyl acceptor. <i>New Journal of Chemistry</i> , 2000 , 24, 987-991	3.6	14
39	Endorezeptoren mit konvergenten Phenanthrolin-Einheiten: ein Hohlraum für sechs Gastmoleküle. <i>Angewandte Chemie</i> , 1991 , 103, 1367-1369	3.6	14
38	Anilino-Substituted Multicyanobuta-1,3-diene Electron Acceptors: TICT Molecules with Accessible Conical Intersections. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 10677-83	2.8	13
37	Photoinduced electron transfer in a fullereneoligophenylenevinylene dyad. <i>New Journal of Chemistry</i> , 2009 , 33, 2174	3.6	13
36	Fullerene Derivatives Substituted with Differently Branched Phenyleneethynylene Dendrons: Synthesis, Electronic and Excited State Properties. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 5899-5908	3.2	13
35	Folding of a poly(oxyethylene) chain as probed by photoinduced energy transfer between Ruand Os polypyridine termini. <i>Dalton Transactions RSC</i> , 2001 , 2228-2231		12
34	Spectroscopic, luminescence and electrochemical studies on a pair of isomeric complexes [(bipy)2Ru(AB)PtCl2][PF6]2 and [Cl2Pt(AB)Ru(bipy)2][PF6]2, where AB is the bis-bipyridyl bridging ligand 2,2':3',2':6',2'-quaterpyridine. <i>New Journal of Chemistry</i> , 1998 , 22, 913-917	3.6	11
33	Synthesis and photoluminescence of a dendritic europium complex with carbazole moieties. <i>Journal of Rare Earths</i> , 2008 , 26, 173-177	3.7	11
32	Optical properties and photoinduced processes in multicomponent architectures with oligophenylenevinylene units. <i>Synthetic Metals</i> , 2004 , 147, 19-28	3.6	11
31	A tailored RAFT copolymer for the dispersion of single walled carbon nanotubes in aqueous media. <i>Polymer Chemistry</i> , 2014 , 5, 6148-6150	4.9	10
30	On the route to mimic natural movements: synthesis and photophysical properties of a molecular arachnid. <i>Chemical Communications</i> , 2011 , 47, 451-3	5.8	10

29	Ein Kupfer(I)-Bis(phenanthrolin)-Komplex, der in einer Fulleren-funktionalisierten dendritischen H ₁₂ verborgen ist. <i>Angewandte Chemie</i> , 1999 , 111, 3895-3899	3.6	10
28	2013 ,		10
27	Efficient Photoinduced Energy and Electron Transfer in Zn -Porphyrin/Fullerene Dyads with Interchromophoric Distances up to 2.6 nm and No Wire-like Connectivity. <i>Chemistry - A European Journal</i> , 2017 , 23, 14200-14212	4.8	9
26	Synthesis and photoluminescence properties of heteroleptic Eu ³⁺ , Tb ³⁺ and Tm ³⁺ complexes. <i>Journal of Alloys and Compounds</i> , 2009 , 485, 119-123	5.7	9
25	Use of photoinduced energy-transfer to probe solvent-dependent conformational changes in a flexible Ru/Os dinuclear complex. <i>Chemical Communications</i> , 1999 , 2089-2090	5.8	9
24	Versatile bisethynyl[60]fulleropyrrolidine scaffolds for mimicking artificial light-harvesting photoreaction centers. <i>Chemistry - A European Journal</i> , 2015 , 21, 1108-17	4.8	8
23	Homoleptic and heteroleptic RuII complexes with extended phenanthroline-based ligands. <i>Polyhedron</i> , 2014 , 82, 122-131	2.7	8
22	Luminophores and Carbon Nanotubes: An Odd Combination?. <i>Journal of Physical Chemistry Letters</i> , 2013 , 4, 767-78	6.4	8
21	Verknotete Hetero-Zweikernkomplexe. <i>Angewandte Chemie</i> , 1996 , 108, 1190-1193	3.6	8
20	Carbazole-Terpyridine Donor-Acceptor Dyads with Rigid π -Conjugated Bridges. <i>ChemPlusChem</i> , 2019 , 84, 1353-1365	2.8	7
19	Unconventional Synthesis of a Cu Rotaxane with a Superacceptor Stopper: Ultrafast Excited-State Dynamics and Near-Infrared Luminescence. <i>Chemistry - A European Journal</i> , 2018 , 24, 10422-10433	4.8	7
18	Sawhorse-Type Tetracarbonyliruthenium Tweezers. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 3449-3455	2.3	7
17	Luminescent methacrylic copolymers with side-chain cyclometalated iridium(III) complexes. <i>Dyes and Pigments</i> , 2019 , 160, 188-197	4.6	6
16	Engineering supramolecular photoactive nanomaterials by hydrogen-bonding interactions. <i>Pure and Applied Chemistry</i> , 2011 , 83, 899-912	2.1	6
15	A fulleropyrrolidine with two oligophenylenevinylene substituents: synthesis, electrochemistry and photophysical properties. <i>International Journal of Photoenergy</i> , 2001 , 3, 33-40	2.1	6
14	Highly Efficient Luminescent Solar Concentrators Based on Benzoheterodiazole Dyes with Large Stokes Shifts. <i>Chemistry - A European Journal</i> , 2020 , 26, 11013-11023	4.8	6
13	Dinuclear Copper(I) Complexes Combining Bis(diphenylphosphanyl)acetylene with 1,10-Phenanthroline Ligands. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 2665-2673	2.3	5
12	Concave Macrobicycles: Absorption Spectra, Luminescence Properties, and Endocavitational Complexation of Neutral Organic Guests. <i>Liebigs Annalen</i> , 1996 , 1996, 1697-1704		5

11	Color-Tunable Heterodinuclear Pt(II)/B(III) and Pt(II)/Ir(III) Arrays with N ⁺ O-julolidine Ligands. <i>Inorganic Chemistry</i> , 2017 , 56, 4807-4817	5.1	4
10	Iridium(III) Complexes with Fluorinated Phenyl-tetrazoles as Cyclometalating Ligands: Enhanced Excited-State Energy and Blue Emission. <i>Inorganic Chemistry</i> , 2020 , 59, 16238-16250	5.1	4
9	Chapter 4:Light-Induced Processes in Fullerene Multicomponent Systems. <i>RSC Nanoscience and Nanotechnology</i> , 2007 , 79-126		3
8	Supramolecular Photochemistry: Recent Advances 1996 , 163-177		2
7	Optoelectronic Devices: CNTs in Optoelectronic Devices: New Structural and Photophysical Insights on Porphyrin-DWCNTs Hybrid Materials (Adv. Funct. Mater. 15/2012). <i>Advanced Functional Materials</i> , 2012 , 22, 3315-3315	15.6	1
6	In My Element: Iridium. <i>Chemistry - A European Journal</i> , 2019 , 25, 5104-5104	4.8	1
5	Giant Shape-Persistent Tetrahedral Porphyrin System: Light-Induced Charge Separation. <i>Chemistry - A European Journal</i> , 2021 , 27, 16250-16259	4.8	1
4	Dinuclear Copper(I) Complexes Combining Bis(diphenylphosphanyl)acetylene with 1,10-Phenanthroline Ligands. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 2662-2662	2.3	
3	Nanomaterials for Lighting and Solar Energy Conversion. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , 2015 , 373-414	0.2	
2	Combining Topological and Steric Constraints for the Preparation of Heteroleptic Copper(I) Complexes. <i>Chemistry - A European Journal</i> , 2014 , 20, 11961-11961	4.8	
1	Photophysical properties of 1,2,3,4,5-pentaarylcyclopentadienyl-hydrotris(indazolyl)borate ruthenium(II) complexes. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 17049-17056	3.6	