

Piersandro Pallavicini

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176 papers	6,398 citations	43 h-index	73 g-index
187 ext. papers	6,871 ext. citations	5.9 avg, IF	5.47 L-index

#	Paper	IF	Citations
176	Light-emitting molecular devices based on transition metals. <i>Coordination Chemistry Reviews</i> , 2006 , 250, 273-299	23.2	306
175	Transition Metals as Switches. <i>Accounts of Chemical Research</i> , 1999 , 32, 846-853	24.3	272
174	Antibacterial activity of glutathione-coated silver nanoparticles against Gram positive and Gram negative bacteria. <i>Langmuir</i> , 2012 , 28, 8140-8	4	231
173	Fluorescent Sensors for Transition Metals Based on Electron-Transfer and Energy-Transfer Mechanisms. <i>Chemistry - A European Journal</i> , 1996 , 2, 75-82	4.8	230
172	Molecular machines based on metal ion translocation. <i>Accounts of Chemical Research</i> , 2001 , 34, 488-93	24.3	214
171	Synthesis, characterization and antibacterial activity against Gram positive and Gram negative bacteria of biomimetically coated silver nanoparticles. <i>Langmuir</i> , 2011 , 27, 9165-73	4	169
170	An Anthracene-Based Fluorescent Sensor for Transition Metal Ions. <i>Angewandte Chemie International Edition in English</i> , 1994 , 33, 1975-1977		169
169	Antibiofilm activity of a monolayer of silver nanoparticles anchored to an amino-silanized glass surface. <i>Biomaterials</i> , 2014 , 35, 1779-88	15.6	152
168	Sensing of transition metals through fluorescence quenching or enhancement. A review. <i>Analyst</i> , 1996 , 121, 1763	5	135
167	Anion recognition by dimetallic cryptates. <i>Coordination Chemistry Reviews</i> , 2001 , 219-221, 821-837	23.2	126
166	Self-assembled monolayers of silver nanoparticles firmly grafted on glass surfaces: low Ag ⁺ release for an efficient antibacterial activity. <i>Journal of Colloid and Interface Science</i> , 2010 , 350, 110-6	9.3	118
165	Molecular events switched by transition metals. <i>Coordination Chemistry Reviews</i> , 1999 , 190-192, 649-669	23.2	103
164	Self-assembled monolayers of gold nanostars: a convenient tool for near-IR photothermal biofilm eradication. <i>Chemical Communications</i> , 2014 , 50, 1969-71	5.8	95
163	XPS and electrochemical studies of ferrocene derivatives anchored on n- and p-Si(100) by Si ₃ N ₄ or Si ₃ Al bonds. <i>Journal of Electroanalytical Chemistry</i> , 2005 , 579, 133-142	4.1	91
162	Micelles as nanosized containers for the self-assembly of multicomponent fluorescent sensors. <i>Coordination Chemistry Reviews</i> , 2009 , 253, 2226-2240	23.2	89
161	A molecular thermometer for nanoparticles for optical hyperthermia. <i>Nano Letters</i> , 2013 , 13, 2004-10	11.5	88
160	Triton X-100 for three-plasmon gold nanostars with two photothermally active NIR (near IR) and SWIR (short-wavelength IR) channels. <i>Chemical Communications</i> , 2013 , 49, 6265-7	5.8	85

159	Silver nanoparticles synthesized and coated with pectin: An ideal compromise for anti-bacterial and anti-biofilm action combined with wound-healing properties. <i>Journal of Colloid and Interface Science</i> , 2017 , 498, 271-281	9.3	82
158	Using micelles for a new approach to fluorescent sensors for metal cations. <i>Chemical Communications</i> , 2004 , 1650-1	5.8	79
157	Micelles for the self-assembly of "off-on-off" fluorescent sensors for pH windows. <i>Chemistry - A European Journal</i> , 2006 , 12, 921-30	4.8	78
156	Investigation of reduction of Cu(II) complexes in positive-ion mode electrospray mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2001 , 15, 2347-2353	2.2	77
155	Halide-Ion Encapsulation by a Flexible Dicopper(II) Bis-Tren Cryptate. <i>Angewandte Chemie - International Edition</i> , 2000 , 39, 2917-2920	16.4	76
154	A [RuII(bipy)3]-[1,9-diamino-3,7-diazanonane-4,6-dione] two-component system, as an efficient ON/OFF luminescent chemosensor for Ni ²⁺ and Cu ²⁺ in water, based on an ET (energy transfer) mechanism. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999 , 1381-1386		76
153	A sleeping host awoken by its guest: recognition and sensing of imidazole-containing molecules based on double Cu ²⁺ translocation inside a polyaza macrocycle. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 5073-7	16.4	74
152	Synthesis of branched Au nanoparticles with tunable near-infrared LSPR using a zwitterionic surfactant. <i>Chemical Communications</i> , 2011 , 47, 1315-7	5.8	72
151	Controlled synthesis of gold nanostars by using a zwitterionic surfactant. <i>Chemistry - A European Journal</i> , 2012 , 18, 9381-90	4.8	69
150	Controllable Intramolecular Motions That Generate Fluorescent Signals for a Metal Scorpionate Complex. <i>Angewandte Chemie - International Edition</i> , 1998 , 37, 800-802	16.4	66
149	Bulk Surfaces Coated with Triangular Silver Nanoplates: Antibacterial Action Based on Silver Release and Photo-Thermal Effect. <i>Nanomaterials</i> , 2017 , 7,	5.4	65
148	Electrochemical assembling/disassembling of helicates with hysteresis. <i>Inorganic Chemistry</i> , 2001 , 40, 3579-87	5.1	64
147	Thermal and Chemical Stability of Thiol Bonding on Gold Nanostars. <i>Langmuir</i> , 2015 , 31, 8081-91	4	63
146	Signal amplification by a fluorescent indicator of a pH-driven intramolecular translocation of a copper(II) ion. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 2553-6	16.4	59
145	Electrochemically Controlled Assembling/Disassembling Processes with a Bis-imine Bis-quinoline Ligand and the Cu ^I /Cu ^I Couple. <i>Chemistry - A European Journal</i> , 1999 , 5, 3679-3688	4.8	59
144	Nickel(II) Complexes of Azacyclams: Oxidation and Reduction Behavior and Catalytic Effects in the Electroreduction of Carbon Dioxide. <i>Inorganic Chemistry</i> , 1994 , 33, 1366-1375	5.1	58
143	Sensitive detection of 2,4,6-trinitrotoluene by tridimensional monitoring of molecularly imprinted polymer with optical fiber and five-branched gold nanostars. <i>Sensors and Actuators B: Chemical</i> , 2015 , 208, 291-298	8.5	51
142	M and P double helical complexes of copper(I) with bis-imino bis-quinoline enantiomerically pure chiral ligands. <i>Inorganic Chemistry</i> , 2000 , 39, 5803-6	5.1	51

141	Fluorescent sensors for Hg(2+) in micelles: a new approach that transforms an ON-OFF into an OFF-ON response as a function of the lipophilicity of the receptor. <i>Chemistry - A European Journal</i> , 2007 , 13, 178-87	4.8	49
140	Localized surface plasmon resonance with five-branched gold nanostars in a plastic optical fiber for bio-chemical sensor implementation. <i>Sensors</i> , 2013 , 13, 14676-86	3.8	48
139	Spectroscopic evaluation of surface functionalization efficiency in the preparation of mercaptopropyltrimethoxysilane self-assembled monolayers on glass. <i>Journal of Colloid and Interface Science</i> , 2009 , 332, 432-8	9.3	48
138	Anion recognition by a dicopper (II) cryptate. <i>Inorganica Chimica Acta</i> , 1995 , 238, 5-8	2.7	48
137	pH-Controlled translocation of NiII within a ditopic receptor bearing an appended anthracene fragment: a mechanical switch of fluorescence. <i>Dalton Transactions RSC</i> , 2000 , 185-189		47
136	Seed mediated growth of silver nanoplates on glass: exploiting the bimodal antibacterial effect by near IR photo-thermal action and Ag+ release. <i>RSC Advances</i> , 2016 , 6, 70414-70423	3.7	46
135	Heavier halides of early transition elements by halide-exchange reactions. Crystal and molecular structure of [Ph3C]2[HF2Cl10]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1990 , 2743		45
134	A Zinc(II)-Driven Intramolecular Photoinduced Electron Transfer. <i>Inorganic Chemistry</i> , 1996 , 35, 1733-1736	3.1	43
133	An off-on-off fluorescent sensor for pH based on ligand-proton and ligand-metal-proton interactions. <i>New Journal of Chemistry</i> , 1998 , 22, 1403-1407	3.6	42
132	Gold Branched Nanoparticles for Cellular Treatments. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 18407-18418	3.8	41
131	Redox-Driven Intramolecular Anion Translocation between Transition Metal Centres. <i>Chemistry - A European Journal</i> , 1999 , 5, 682-690	4.8	41
130	Using platinum(II) as a building block to two-electron redox systems. Crystal structure and redox behavior of cis-[PtII(3-ferrocenylpyridine)2Cl2]. <i>Inorganic Chemistry</i> , 1992 , 31, 765-769	5.1	40
129	Redox processes in supramolecular coordination compounds. <i>Coordination Chemistry Reviews</i> , 1992 , 120, 237-257	23.2	39
128	Self-Assembled Monolayers of Silver Nanoparticles: From Intrinsic to Switchable Inorganic Antibacterial Surfaces. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 4846-4855	2.3	39
127	Electrochemically Switched Anion Translocation in a Multicomponent Coordination Compound. <i>Inorganic Chemistry</i> , 1997 , 36, 827-832	5.1	38
126	Fabrication of Inkjet-Printed Gold Nanostar Patterns with Photothermal Properties on Paper Substrate. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 9909-16	9.5	38
125	Monolayers of polyethilenimine on flat glass: a versatile platform for cations coordination and nanoparticles grafting in the preparation of antibacterial surfaces. <i>Dalton Transactions</i> , 2012 , 41, 2456-63	4.3	37
124	Monitoring the redox-driven assembly/disassembly of a dicopper(I) helicate with an auxiliary fluorescent probe. <i>Inorganic Chemistry</i> , 2003 , 42, 1632-6	5.1	37

123	Molecular recognition of the imidazole residue by a dicopper(II) complex with a bisdien macrocycle bearing two pendant arms. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 2439		37
122	'On-off-on' fluorescent indicators of pH windows based on three separated components. <i>Chemical Communications</i> , 2002 , 2452-3	5.8	36
121	Controlling the acidity of the carboxylic group by a ferrocene based redox switch. <i>Inorganica Chimica Acta</i> , 1994 , 225, 239-244	2.7	36
120	Crystal and molecular structure and solution behaviour of low-spin (3-methyl-1,3,5,8,12-pentaazacyclotetradecane)4N1,N5,N8,N12nickel(II) diperchlorate. <i>Journal of the Chemical Society Dalton Transactions</i> , 1991 , 3263-3269		36
119	Ferrocene-metallocyclam conjugates: new redox systems whose two-electron activity can be modulated through the medium. <i>Inorganic Chemistry</i> , 1993 , 32, 854-860	5.1	35
118	Prussian Blue Nanoparticles as a Versatile Photothermal Tool. <i>Molecules</i> , 2018 , 23,	4.8	34
117	Coordination chemistry of surface-grafted ligands for antibacterial materials. <i>Coordination Chemistry Reviews</i> , 2014 , 275, 37-53	23.2	34
116	Controlling the assembling/disassembling process of metal-containing superstructures. <i>Coordination Chemistry Reviews</i> , 2001 , 216-217, 435-448	23.2	34
115	Monolayers of gold nanostars with two near-IR LSPRs capable of additive photothermal response. <i>Chemical Communications</i> , 2015 , 51, 12928-30	5.8	32
114	A redox-switchable ligand for which the binding ability is enhanced by oxidation of its ferrocene unit. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992 , 3283		31
113	Modular approach for bimodal antibacterial surfaces combining photo-switchable activity and sustained biocidal release. <i>Scientific Reports</i> , 2017 , 7, 5259	4.9	30
112	Supramolecular Functions Related to the Redox Activity of Transition Metals. <i>Supramolecular Chemistry</i> , 2001 , 13, 569-582	1.8	27
111	Pyridines with an appended metallocyclam subunit. Versatile building blocks to supramolecular multielectron redox systems. <i>Inorganic Chemistry</i> , 1993 , 32, 106-113	5.1	27
110	Molecular rearrangements controlled by pH-driven Cu2+ motions. <i>Dalton Transactions RSC</i> , 2001 , 3528-3533		25
109	A micellar multitasking device: sensing pH windows and gauging the lipophilicity of drugs with fluorescent signals. <i>Chemistry - A European Journal</i> , 2010 , 16, 1289-95	4.8	24
108	Residual and exploitable fluorescence in micellar self-assembled ON-OFF sensors for copper(II). <i>Dalton Transactions</i> , 2007 , 5670-7	4.3	24
107	Halide-Ion Encapsulation by a Flexible Dicopper(II) Bis-Tren Cryptate. <i>Angewandte Chemie</i> , 2000 , 112, 3039-3042	3.6	24
106	Fabrication of photothermally active poly(vinyl alcohol) films with gold nanostars for antibacterial applications. <i>Beilstein Journal of Nanotechnology</i> , 2018 , 9, 2040-2048	3	23

105	Single and double pH-driven Cu ²⁺ translocation with molecular rearrangement in alkyne-functionalized polyamino polyamido ligands. <i>Chemistry - A European Journal</i> , 2006 , 12, 5535-46	4.8	23
104	Structure and dynamics of micelle-based fluorescent sensor for transition metals. <i>Chemical Physics Letters</i> , 2004 , 398, 245-249	2.5	23
103	Amides and sulfonamides: efficient molecular padlocks for the template synthesis of azacyclam (1,3,5,8,12-pentaazacyclotetradecane) macrocycles. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993 , 1411		23
102	Reactions of zirconium(eta.6-benzene)(AlCl ₄) ₂ with alkynes: cyclooligomerization reactions and crystal and molecular structure of the seven-membered metallacycle [cyclic] [ZrCPh(CPh)4CPh][(.mu.-Cl)2AlCl2] ₂ . <i>Organometallics</i> , 1991 , 10, 896-901	3.8	22
101	A structurally characterized azide-bridged dinuclear nickel (II) cryptate. <i>Inorganica Chimica Acta</i> , 1996 , 244, 7-9	2.7	21
100	Ein Fluoreszenzsensor für Übergangsmetall-Ionen auf Anthracenbasis. <i>Angewandte Chemie</i> , 1994 , 106, 2051-2053	3.6	21
99	Amphiphilic copolymers based on poly[(hydroxyethyl)-D,L-aspartamide]: a suitable functional coating for biocompatible gold nanostars. <i>Biomacromolecules</i> , 2013 , 14, 4260-70	6.9	20
98	A monolayer of a Cu ²⁺ -tetraazamacrocyclic complex on glass as the adhesive layer for silver nanoparticles grafting, in the preparation of surface-active antibacterial materials. <i>New Journal of Chemistry</i> , 2011 , 35, 1198	3.6	19
97	Smoothly shifting fluorescent windows: a tunable "off-on-off" micellar sensor for pH. <i>Analyst, The</i> , 2009 , 134, 2147-52	5	19
96	A di-copper(II) bis-tren cage with thiophene spacers as receptor for anions in aqueous solution. <i>Inorganica Chimica Acta</i> , 2002 , 337, 70-74	2.7	19
95	Mixing thiols on the surface of silver nanoparticles: preserving antibacterial properties while introducing SERS activity. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3	18
94	Cathodic electrografting of versatile ligands on Si(100) as a low-impact approach for establishing a Si-C bond: a surface-coordination study of substituted 2,2'-bipyridines with Cu ^I ions. <i>Chemistry - A European Journal</i> , 2007 , 13, 1240-50	4.8	18
93	A Sleeping Host Awoken by Its Guest: Recognition and Sensing of Imidazole-Containing Molecules Based on Double Cu ²⁺ Translocation inside a Polyaza Macrocycle. <i>Angewandte Chemie</i> , 2004 , 116, 5183-5187	3.6	18
92	Robust, reproducible, recyclable SERS substrates: monolayers of gold nanostars grafted on glass and coated with a thin silica layer. <i>Nanotechnology</i> , 2019 , 30, 025302	3.4	18
91	Gold nanostar-polymer hybrids for siRNA delivery: Polymer design towards colloidal stability and in vitro studies on breast cancer cells. <i>International Journal of Pharmaceutics</i> , 2017 , 519, 113-124	6.5	17
90	High Stability Thiol-Coated Gold Nanostars Monolayers with Photo-Thermal Antibacterial Activity and Wettability Control. <i>Nanomaterials</i> , 2019 , 9,	5.4	17
89	Coordination chemistry for antibacterial materials: a monolayer of a Cu(2+) 2,2'-bipyridine complex grafted on a glass surface. <i>Dalton Transactions</i> , 2013 , 42, 4552-60	4.3	17
88	Micelles as containers for self-assembled nanodevices: a fluorescent sensor for lipophilicity. <i>ChemPhysChem</i> , 2008 , 9, 1729-37	3.2	17

87	Formation of a dicopper(I) helicate by oxidative dehydrogenation of a monomeric copper(II) polyamine complex. <i>Dalton Transactions</i> , 2003 , 773-774	4.3	17
86	Molecular Movements and Translocations Controlled by Transition Metals and Signaled by Light Emission. <i>Structure and Bonding</i> , 2001 , 79-115	0.9	17
85	{CuII[N,N'-bis(2-aminoethyl)-2-(2-(4-pyridyl)ethyl)malondiamido(2-)]}: A Convenient Building Block for the Construction of Supramolecular Coordination Compounds Containing Exchangeable Peripheral CuII Cations. <i>Inorganic Chemistry</i> , 1995 , 34, 4529-4535	5.1	16
84	Gold Nanoparticles: Can They Be the Next Magic Bullet for Multidrug-Resistant Bacteria?. <i>Nanomaterials</i> , 2021 , 11,	5.4	16
83	A naked eye aggregation assay for Pb ²⁺ detection based on glutathione-coated gold nanostars. <i>Journal of Nanoparticle Research</i> , 2014 , 16, 1	2.3	15
82	Bistable copper complexes of bis-thia-bis-quinoline ligands. <i>Inorganic Chemistry</i> , 2003 , 42, 6056-62	5.1	15
81	Double helical and monomeric Ag(I) and Zn(II) complexes of 1,2-cyclohexanediyl-bis(iminophenanthridine) ligands. <i>Dalton Transactions</i> , 2003 , 4340	4.3	15
80	Photothermally active nanoparticles as a promising tool for eliminating bacteria and biofilms. <i>Beilstein Journal of Nanotechnology</i> , 2020 , 11, 1134-1146	3	15
79	Photo-activated raster scanning thermal imaging at sub-diffraction resolution. <i>Nature Communications</i> , 2019 , 10, 5523	17.4	15
78	Gold nanostars coated with neutral and charged polyethylene glycols: A comparative study of in-vitro biocompatibility and of their interaction with SH-SY5Y neuroblastoma cells. <i>Journal of Inorganic Biochemistry</i> , 2015 , 151, 123-31	4.2	14
77	Tunable coating of gold nanostars: tailoring robust SERS labels for cell imaging. <i>Nanotechnology</i> , 2016 , 27, 265302	3.4	14
76	Self-assembled monolayers of Prussian blue nanoparticles with photothermal effect. <i>Supramolecular Chemistry</i> , 2017 , 29, 823-833	1.8	14
75	Optical method for predicting the composition of self-assembled monolayers of mixed thiols on surfaces coated with silver nanoparticles. <i>Langmuir</i> , 2012 , 28, 3558-68	4	14
74	The Cu(II) complex of a C-lipophilized 13aneN4 macrocycle with an additional protonable amino group as micellar anion receptor. <i>Dalton Transactions</i> , 2009 , 6751-8	4.3	14
73	Enhanced kinetic inertness in the electrochemical interconversion of Cu(I) double helical to Cu(II) monomeric complexes. <i>New Journal of Chemistry</i> , 2007 , 31, 927	3.6	14
72	Arene derivatives of zirconium(II) and hafnium(II). <i>Journal of the Chemical Society Dalton Transactions</i> , 1990 , 1813		14
71	Novel photo-thermally active polyvinyl alcohol-Prussian blue nanoparticles hydrogel films capable of eradicating bacteria and mitigating biofilms. <i>Nanotechnology</i> , 2019 , 30, 295702	3.4	13
70	Gold Nanostars. <i>SpringerBriefs in Materials</i> , 2015 ,	0.5	13

- 69 Self-Assembled Monolayers of Copper Sulfide Nanoparticles on Glass as Antibacterial Coatings. *Nanomaterials*, **2020**, 10, 5-4 13
- 68 Synthesis of reduced-size gold nanostars and internalization in SH-SY5Y cells. *Journal of Colloid and Interface Science*, **2017**, 505, 1055-1064 9-3 13
- 67 Fast dissolution of silver nanoparticles at physiological pH. *Journal of Colloid and Interface Science*, **2020**, 563, 177-188 9-3 13
- 66 A ditopic tetradentate pyridyl amine ligand containing an anthracene fragment: fluorescence intensity and closed/open species formation in the presence of Cu²⁺, as a function of pH. *Journal of the Chemical Society Dalton Transactions*, **1998**, 2053-2058 12
- 65 The copper(I) complex of a metallocyclam-functionalized phenanthroline: a poorly stable species that is very resistant to oxidation. *Inorganic Chemistry*, **1993**, 32, 3385-3387 5-1 12
- 64 Tailored coating of gold nanostars: rational approach to prototype of theranostic device based on SERS and photothermal effects at ultralow irradiance. *Nanotechnology*, **2018**, 29, 235301 3-4 11
- 63 An Intermittent Model for Intracellular Motions of Gold Nanostars by k-Space Scattering Image Correlation. *Biophysical Journal*, **2015**, 109, 2246-58 2-9 11
- 62 Multicomponent polymeric micelles based on polyaspartamide as tunable fluorescent pH-window biosensors. *Biosensors and Bioelectronics*, **2010**, 26, 29-35 11.8 11
- 61 Ferrocene derivatives as electron carriers for selective oxidation and reduction reactions through a liquid membrane. *Journal of the Chemical Society Dalton Transactions*, **1992**, 2219 11
- 60 Fluorescent Sensors for and with Transition Metals. *Perspectives in Supramolecular Chemistry*, 93-134 11
- 59 (99m)Tc-human serum albumin nanocolloids: particle sizing and radioactivity distribution. *Journal of Labelled Compounds and Radiopharmaceuticals*, **2015**, 58, 376-82 1-9 10
- 58 Dicopper double-strand helicates held together by additional π -interactions. *Inorganic Chemistry*, **2013**, 52, 10643-52 5-1 10
- 57 Gold nanostars co-coated with the Cu(II) complex of a tetraazamacrocyclic ligand. *Dalton Transactions*, **2015**, 44, 5652-61 4-3 10
- 56 Effect of surfactant structure on the residual fluorescence of micelle-based fluorescent probes. *Journal of Colloid and Interface Science*, **2007**, 313, 638-44 9-3 10
- 55 Signal Amplification by a Fluorescent Indicator of a pH-Driven Intramolecular Translocation of a Copper(II) Ion. *Angewandte Chemie*, **2002**, 114, 2665-2668 3-6 10
- 54 Absorption and luminescence as a function of pH for carboxylic acid-functionalized ReI tricarbonyls. *Journal of Organometallic Chemistry*, **2000**, 593-594, 267-273 2-3 10
- 53 A monometallic and kinetically inert complex of a ditopic open ligand as a tight polyaza cage. *Dalton Transactions RSC*, **2000**, 1155-1160 10
- 52 High Bactericidal Self-Assembled Nano-Monolayer of Silver Sulfadiazine on Hydroxylated Material Surfaces. *Materials*, **2019**, 12, 3-5 9

51	Redox switchable ligands suitable for transition metal ions: Protonation, complexation and electrochemical properties of a ferrocene-modified tetraamine diketone and its saturated analogue. <i>Supramolecular Chemistry</i> , 1994 , 3, 115-125	1.8	9
50	Photo-thermal and cytotoxic properties of inkjet-printed copper sulfide films on biocompatible latex coated substrates. <i>Applied Surface Science</i> , 2018 , 435, 1087-1095	6.7	9
49	Nanocomposite Sprayed Films with Photo-Thermal Properties for Remote Bacteria Eradication. <i>Nanomaterials</i> , 2020 , 10,	5.4	8
48	Electrochemical and photophysical properties of two-component coordination compounds containing a metallocyclam and an ReI(bipy)(CO) ₃ Cl subunit. <i>Inorganica Chimica Acta</i> , 1998 , 275-276, 117-121	2.7	8
47	pH-Driven Cu ²⁺ Translocation in Ferrocene-Containing Ligands. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 4649-4657	2.3	8
46	Three-component systems for conventional and window-shaped response fluorescent pH indicators. <i>Dalton Transactions</i> , 2004 , 2850-4	4.3	8
45	Photothermally Responsive Inks for Inkjet-Printing Secure Information. <i>Particle and Particle Systems Characterization</i> , 2018 , 35, 1800095	3.1	7
44	Photothermally Active Inorganic Nanoparticles: from Colloidal Solutions to Photothermally Active Printed Surfaces and Polymeric Nanocomposite Materials. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 4397-4404	2.3	7
43	Electron multiplying charge-coupled device-based fluorescence cross-correlation spectroscopy for blood velocimetry on zebrafish embryos. <i>Journal of Biomedical Optics</i> , 2014 , 19, 067007	3.5	7
42	The pH controlled uptake/release of citrate by a tri-copper(II) complex. <i>New Journal of Chemistry</i> , 2008 , 32, 1839	3.6	7
41	Voltage regulation of fluorescence emission of single dyes bound to gold nanoparticles. <i>Nano Letters</i> , 2007 , 7, 1070-5	11.5	7
40	Supramolecular assemblies containing metallocyclam subunits. <i>Supramolecular Chemistry</i> , 1996 , 6, 239-258	2.5	7
39	Novel routes to functionalized cyclam-like macrocycles. <i>Pure and Applied Chemistry</i> , 1993 , 65, 455-459	2.1	7
38	Appending two non-equivalent ferrocene fragments to a metallocyclam core. <i>Inorganica Chimica Acta</i> , 1993 , 214, 193-196	2.7	7
37	Photothermal effect of gold nanostar patterns inkjet-printed on coated paper substrates with different permeability. <i>Beilstein Journal of Nanotechnology</i> , 2016 , 7, 1480-1485	3	7
36	Harvesting Light To Produce Heat: Photothermal Nanoparticles for Technological Applications and Biomedical Devices. <i>Chemistry - A European Journal</i> , 2021 , 27, 15361-15374	4.8	7
35	Multiphoton Fabrication of Proteinaceous Nanocomposite Microstructures with Photothermal Activity in the Infrared. <i>Advanced Optical Materials</i> , 2020 , 8, 2000584	8.1	6
34	A fluorescent molecular sensor for pH windows in traditional and polymeric biocompatible micelles: comicellization of anionic species to shift and reshape the ON window. <i>Chemistry - A European Journal</i> , 2011 , 17, 10574-82	4.8	6

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- 32 An Off-On-Off Fluorescent Sensor for pH Windows Based on the 13aneN4Zn²⁺ System. *European Journal of Inorganic Chemistry*, **2016**, 2016, 5106-5113 2.3 5
- 31 A bistren cryptand with a remote thioether function: Cu(II) complexation in solution and on the surface of gold nanostars. *New Journal of Chemistry*, **2016**, 40, 5722-5730 3.6 5
- 30 Physical Properties of Gold Nanostars. *SpringerBriefs in Materials*, **2015**, 25-42 0.5 4
- 29 Silane-coated magnetic nanoparticles with surface thiol functions for conjugation with gold nanostars. *Dalton Transactions*, **2015**, 44, 21088-98 4.3 4
- 28 SERS Activity of Silver Nanoparticles Functionalized with A Desferrioxamine B Derived Ligand for FE(III) Binding and Sensing. *Journal of Applied Spectroscopy*, **2016**, 82, 1052-1059 0.7 4
- 27 Exploiting micelle-driven coordination to evaluate the lipophilicity of molecules. *Langmuir*, **2012**, 28, 9930-43 4 4
- 26 Nanoscale phase separation in coated Ag nanoparticles. *Nanoscale*, **2011**, 3, 4220-5 7.7 4
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