Piersandro Pallavicini

List of Publications by Year in Descending Order

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	Squarate Cross-Linked Gelatin Hydrogels as Three-Dimensional Scaffolds for Biomedical Applications. *Langmuir*, **2021**, 37, 14050-14058	4	
175	Gold Nanostars Embedded in PDMS Films: A Photothermal Material for Antibacterial Applications.. *Nanomaterials*, **2021**, 11,	5.4	2
174	Prussian Blue and Its Analogs as Novel Nanostructured Antibacterial Materials. *Applied Nano*, **2021**, 2, 85-97	1	1
173	PVA Films with Mixed Silver Nanoparticles and Gold Nanostars for Intrinsic and Photothermal Antibacterial Action. *Nanomaterials*, **2021**, 11,	5.4	4
172	Gold Nanoparticles: Can They Be the Next Magic Bullet for Multidrug-Resistant Bacteria?. *Nanomaterials*, **2021**, 11,	5.4	16
171	Harvesting Light To Produce Heat: Photothermal Nanoparticles for Technological Applications and Biomedical Devices. *Chemistry - A European Journal*, **2021**, 27, 15361-15374	4.8	7
170	Multiphoton Fabrication of Proteinaceous Nanocomposite Microstructures with Photothermal Activity in the Infrared. *Advanced Optical Materials*, **2020**, 8, 2000584	8.1	6
169	Suitable Polymeric Coatings to Avoid Localized Surface Plasmon Resonance Hybridization in Printed Patterns of Photothermally Responsive Gold Nanoinks. *Molecules*, **2020**, 25,	4.8	3
168	Self-Assembled Monolayers of Copper Sulfide Nanoparticles on Glass as Antibacterial Coatings. *Nanomaterials*, **2020**, 10,	5.4	13
167	Nanocomposite Sprayed Films with Photo-Thermal Properties for Remote Bacteria Eradication. *Nanomaterials*, **2020**, 10,	5.4	8
166	Fast dissolution of silver nanoparticles at physiological pH. *Journal of Colloid and Interface Science*, **2020**, 563, 177-188	9.3	13
165	Increased Antibacterial and Antibiofilm Properties of Silver Nanoparticles Using Silver Fluoride as Precursor. *Molecules*, **2020**, 25,	4.8	3
164	Photothermally active nanoparticles as a promising tool for eliminating bacteria and biofilms. *Beilstein Journal of Nanotechnology*, **2020**, 11, 1134-1146	3	15
163	High Stability Thiol-Coated Gold Nanostars Monolayers with Photo-Thermal Antibacterial Activity and Wettability Control. *Nanomaterials*, **2019**, 9,	5.4	17
162	High Bactericidal Self-Assembled Nano-Monolayer of Silver Sulfadiazine on Hydroxylated Material Surfaces. *Materials*, **2019**, 12,	3.5	9
161	Novel photo-thermally active polyvinyl alcohol-Prussian blue nanoparticles hydrogel films capable of eradicating bacteria and mitigating biofilms. *Nanotechnology*, **2019**, 30, 295702	3.4	13
160	Photothermally Active Inorganic Nanoparticles: from Colloidal Solutions to Photothermally Active Printed Surfaces and Polymeric Nanocomposite Materials. *European Journal of Inorganic Chemistry*, **2019**, 2019, 4397-4404	2.3	7

159	Photo-activated raster scanning thermal imaging at sub-diffraction resolution. *Nature Communications*, **2019**, 10, 5523	17.4	15
158	Robust, reproducible, recyclable SERS substrates: monolayers of gold nanostars grafted on glass and coated with a thin silica layer. *Nanotechnology*, **2019**, 30, 025302	3.4	18
157	Grafted monolayers of the neutral Cu(II) complex of a dioxo-2,3,2 ligand: surfaces with decreased antibacterial action. *New Journal of Chemistry*, **2018**, 42, 7595-7598	3.6	1
156	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
155	Prussian Blue Nanoparticles as a Versatile Photothermal Tool. *Molecules*, **2018**, 23,	4.8	34
154	Photothermally Responsive Inks for Inkjet-Printing Secure Information. *Particle and Particle Systems Characterization*, **2018**, 35, 1800095	3.1	7
153	Fabrication of photothermally active poly(vinyl alcohol) films with gold nanostars for antibacterial applications. *Beilstein Journal of Nanotechnology*, **2018**, 9, 2040-2048	3	23
152	Photo-thermal and cytotoxic properties of inkjet-printed copper sulfide films on biocompatible latex coated substrates. *Applied Surface Science*, **2018**, 435, 1087-1095	6.7	9
151	Self-Assembled Monolayers of Silver Nanoparticles: From Intrinsic to Switchable Inorganic Antibacterial Surfaces. *European Journal of Inorganic Chemistry*, **2018**, 2018, 4846-4855	2.3	39
150	Gold Nanoparticles for Tissue Engineering. *Environmental Chemistry for A Sustainable World*, **2018**, 343-388	[illegible]	6
149	Gold nanostar-polymer hybrids for siRNA delivery: Polymer design towards colloidal stability and in vitro studies on breast cancer cells. *International Journal of Pharmaceutics*, **2017**, 519, 113-124	6.5	17
148	Silver nanoparticles synthesized and coated with pectin: An ideal compromise for anti-bacterial and anti-biofilm action combined with wound-healing properties. *Journal of Colloid and Interface Science*, **2017**, 498, 271-281	9.3	82
147	Bulk Surfaces Coated with Triangular Silver Nanoplates: Antibacterial Action Based on Silver Release and Photo-Thermal Effect. *Nanomaterials*, **2017**, 7,	5.4	65
146	Self-assembled monolayers of Prussian blue nanoparticles with photothermal effect. *Supramolecular Chemistry*, **2017**, 29, 823-833	1.8	14
145	Modular approach for bimodal antibacterial surfaces combining photo-switchable activity and sustained biocidal release. *Scientific Reports*, **2017**, 7, 5259	4.9	30
144	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
143	An Off□On□Off Fluorescent Sensor for pH Windows Based on the 13aneN4□Zn2+ System. *European Journal of Inorganic Chemistry*, **2016**, 2016, 5106-5113	2.3	5
142	Seed mediated growth of silver nanoplates on glass: exploiting the bimodal antibacterial effect by near IR photo-thermal action and Ag+ release. *RSC Advances*, **2016**, 6, 70414-70423	3.7	46

141	A gold nanoparticle chemically modified gold electrode for the determination of surfactants. *RSC Advances*, **2016**, 6, 106500-106507	3.7	3
140	Tunable coating of gold nanostars: tailoring robust SERS labels for cell imaging. *Nanotechnology*, **2016**, 27, 265302	3.4	14
139	Photothermal effect of gold nanostars inkjet-printed on coated paper substrate under near-infrared irradiation **2016**,		2
138	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
137	Photothermal effect of gold nanostar patterns inkjet-printed on coated paper substrates with different permeability. *Beilstein Journal of Nanotechnology*, **2016**, 7, 1480-1485	3	7
136	Fabrication of Inkjet-Printed Gold Nanostar Patterns with Photothermal Properties on Paper Substrate. *ACS Applied Materials & Interfaces*, **2016**, 8, 9909-16	9.5	38
135	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
134	k-space image correlation to probe the intracellular dynamics of gold nanoparticles. *Journal of Instrumentation*, **2016**, 11, C04018-C04018	1	
133	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. *Journal of Inorganic Biochemistry*, **2015**, 151, 123-31	4.2	14
132	Gold Nanostars. *SpringerBriefs in Materials*, **2015**,	0.5	13
131	Monolayers of gold nanostars with two near-IR LSPRs capable of additive photothermal response. *Chemical Communications*, **2015**, 51, 12928-30	5.8	32
130	Thermal and Chemical Stability of Thiol Bonding on Gold Nanostars. *Langmuir*, **2015**, 31, 8081-91	4	63
129	(99m)Tc-human serum albumin nanocolloids: particle sizing and radioactivity distribution. *Journal of Labelled Compounds and Radiopharmaceuticals*, **2015**, 58, 376-82	1.9	10
128	Gold Nanostar Synthesis and Functionalization with Organic Molecules. *SpringerBriefs in Materials*, **2015**, 1-23	0.5	1
127	Physical Properties of Gold Nanostars. *SpringerBriefs in Materials*, **2015**, 25-42	0.5	4
126	Applications of Gold Nanostars: Nanosensing, Thermal Therapy, Delivery Systems. *SpringerBriefs in Materials*, **2015**, 43-59	0.5	3
125	Silane-coated magnetic nanoparticles with surface thiol functions for conjugation with gold nanostars. *Dalton Transactions*, **2015**, 44, 21088-98	4.3	4
124	Sensitive detection of 2,4,6-trinitrotoluene by tridimensional monitoring of molecularly imprinted polymer with optical fiber and five-branched gold nanostars. *Sensors and Actuators B: Chemical*, **2015**, 208, 291-298	8.5	51

123	An Intermittent Model for Intracellular Motions of Gold Nanostars by k-Space Scattering Image Correlation. *Biophysical Journal*, **2015**, 109, 2246-58	2.9	11
122	Gold nanostars co-coated with the Cu(II) complex of a tetraazamacrocyclic ligand. *Dalton Transactions*, **2015**, 44, 5652-61	4.3	10
121	Antibiofilm activity of a monolayer of silver nanoparticles anchored to an amino-silanized glass surface. *Biomaterials*, **2014**, 35, 1779-88	15.6	152
120	Coordination chemistry of surface-grafted ligands for antibacterial materials. *Coordination Chemistry Reviews*, **2014**, 275, 37-53	23.2	34
119	A naked eye aggregation assay for Pb2+ detection based on glutathione-coated gold nanostars. *Journal of Nanoparticle Research*, **2014**, 16, 1	2.3	15
118	Self-assembled monolayers of gold nanostars: a convenient tool for near-IR photothermal biofilm eradication. *Chemical Communications*, **2014**, 50, 1969-71	5.8	95
117	Electron multiplying charge-coupled device-based fluorescence cross-correlation spectroscopy for blood velocimetry on zebrafish embryos. *Journal of Biomedical Optics*, **2014**, 19, 067007	3.5	7
116	Amphiphilic copolymers based on poly[(hydroxyethyl)-D,L-aspartamide]: a suitable functional coating for biocompatible gold nanostars. *Biomacromolecules*, **2013**, 14, 4260-70	6.9	20
115	Mixing thiols on the surface of silver nanoparticles: preserving antibacterial properties while introducing SERS activity. *Journal of Nanoparticle Research*, **2013**, 15, 1	2.3	18
114	Dicopper double-strand helicates held together by additional π interactions. *Inorganic Chemistry*, **2013**, 52, 10643-52	5.1	10
113	Coordination chemistry for antibacterial materials: a monolayer of a Cu(2+) 2,2'-bipyridine complex grafted on a glass surface. *Dalton Transactions*, **2013**, 42, 4552-60	4.3	17
112	A molecular thermometer for nanoparticles for optical hyperthermia. *Nano Letters*, **2013**, 13, 2004-10	11.5	88
111	Triton X-100 for three-plasmon gold nanostars with two photothermally active NIR (near IR) and SWIR (short-wavelength IR) channels. *Chemical Communications*, **2013**, 49, 6265-7	5.8	85
110	Localized surface plasmon resonance with five-branched gold nanostars in a plastic optical fiber for bio-chemical sensor implementation. *Sensors*, **2013**, 13, 14676-86	3.8	48
109	Antibacterial activity of glutathione-coated silver nanoparticles against Gram positive and Gram negative bacteria. *Langmuir*, **2012**, 28, 8140-8	4	231
108	Monolayers of polyethilenimine on flat glass: a versatile platform for cations coordination and nanoparticles grafting in the preparation of antibacterial surfaces. *Dalton Transactions*, **2012**, 41, 2456-63	4.3	37
107	Optical method for predicting the composition of self-assembled monolayers of mixed thiols on surfaces coated with silver nanoparticles. *Langmuir*, **2012**, 28, 3558-68	4	14
106	Exploiting micelle-driven coordination to evaluate the lipophilicity of molecules. *Langmuir*, **2012**, 28, 9930-43	4	4

105	Gold Branched Nanoparticles for Cellular Treatments. *Journal of Physical Chemistry C*, **2012**, 116, 18407-18418	4.8	41
104	Controlled synthesis of gold nanostars by using a zwitterionic surfactant. *Chemistry - A European Journal*, **2012**, 18, 9381-90	4.8	69
103	Nanoscale phase separation in coated Ag nanoparticles. *Nanoscale*, **2011**, 3, 4220-5	7.7	4
102	Synthesis, characterization and antibacterial activity against Gram positive and Gram negative bacteria of biomimetically coated silver nanoparticles. *Langmuir*, **2011**, 27, 9165-73	4	169
101	A fluorescent molecular sensor for pH windows in traditional and polymeric biocompatible micelles: comicellization of anionic species to shift and reshape the ON window. *Chemistry - A European Journal*, **2011**, 17, 10574-82	4.8	6
100	Synthesis of branched Au nanoparticles with tunable near-infrared LSPR using a zwitterionic surfactant. *Chemical Communications*, **2011**, 47, 1315-7	5.8	72
99	A monolayer of a Cu2+-tetraazamacrocyclic complex on glass as the adhesive layer for silver nanoparticles grafting, in the preparation of surface-active antibacterial materials. *New Journal of Chemistry*, **2011**, 35, 1198	3.6	19
98	Multicomponent polymeric micelles based on polyaspartamide as tunable fluorescent pH-window biosensors. *Biosensors and Bioelectronics*, **2010**, 26, 29-35	11.8	11
97	A micellar multitasking device: sensing pH windows and gauging the lipophilicity of drugs with fluorescent signals. *Chemistry - A European Journal*, **2010**, 16, 1289-95	4.8	24
96	Self-assembled monolayers of silver nanoparticles firmly grafted on glass surfaces: low Ag+ release for an efficient antibacterial activity. *Journal of Colloid and Interface Science*, **2010**, 350, 110-6	9.3	118
95	Spectroscopic evaluation of surface functionalization efficiency in the preparation of mercaptopropyltrimethoxysilane self-assembled monolayers on glass. *Journal of Colloid and Interface Science*, **2009**, 332, 432-8	9.3	48
94	Micelles as nanosized containers for the self-assembly of multicomponent fluorescent sensors. *Coordination Chemistry Reviews*, **2009**, 253, 2226-2240	23.2	89
93	The Cu(II) complex of a C-lipophilized 13aneN4 macrocycle with an additional protonable amino group as micellar anion receptor. *Dalton Transactions*, **2009**, 6751-8	4.3	14
92	Smoothly shifting fluorescent windows: a tunable "off-on-off" micellar sensor for pH. *Analyst, The*, **2009**, 134, 2147-52	5	19
91	The pH controlled uptake/release of citrate by a tri-copper(II) complex. *New Journal of Chemistry*, **2008**, 32, 1839	3.6	7
90	Micelles as containers for self-assembled nanodevices: a fluorescent sensor for lipophilicity. *ChemPhysChem*, **2008**, 9, 1729-37	3.2	17
89	Residual and exploitable fluorescence in micellar self-assembled ON-OFF sensors for copper(II). *Dalton Transactions*, **2007**, 5670-7	4.3	24
88	Voltage regulation of fluorescence emission of single dyes bound to gold nanoparticles. *Nano Letters*, **2007**, 7, 1070-5	11.5	7

87	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 CuI ions. *Chemistry - A European Journal*, **2007**, 13, 1240-50	4.8	18
86	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. *Chemistry - A European Journal*, **2007**, 13, 178-87	4.8	49
85	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
84	Enhanced kinetic inertness in the electrochemical interconversion of Cu(I) double helical to Cu(II) monomeric complexes. *New Journal of Chemistry*, **2007**, 31, 927	3.6	14
83	Micelles for the self-assembly of "off-on-off" fluorescent sensors for pH windows. *Chemistry - A European Journal*, **2006**, 12, 921-30	4.8	78
82	Single and double pH-driven Cu2+ translocation with molecular rearrangement in alkyne-functionalized polyamino polyamido ligands. *Chemistry - A European Journal*, **2006**, 12, 5535-46	4.8	23
81	pH-Driven Cu2+ Translocation in Ferrocene-Containing Ligands. *European Journal of Inorganic Chemistry*, **2006**, 2006, 4649-4657	2.3	8
80	Light-emitting molecular devices based on transition metals. *Coordination Chemistry Reviews*, **2006**, 250, 273-299	23.2	306
79	XPS and electrochemical studies of ferrocene derivatives anchored on n- and p-Si(100) by Si□O or Si□C bonds. *Journal of Electroanalytical Chemistry*, **2005**, 579, 133-142	4.1	91
78	A sleeping host awoken by its guest: recognition and sensing of imidazole-containing molecules based on double Cu2+ translocation inside a polyaza macrocycle. *Angewandte Chemie - International Edition*, **2004**, 43, 5073-7	16.4	74
77	A Sleeping Host Awoken by Its Guest: Recognition and Sensing of Imidazole-Containing Molecules Based on Double Cu2+ Translocation inside a Polyaza Macrocycle. *Angewandte Chemie*, **2004**, 116, 5183-5187	3.6	18
76	Structure and dynamics of micelle-based fluorescent sensor for transition metals. *Chemical Physics Letters*, **2004**, 398, 245-249	2.5	23
75	Using micelles for a new approach to fluorescent sensors for metal cations. *Chemical Communications*, **2004**, 1650-1	5.8	79
74	Three-component systems for conventional and window-shaped response fluorescent pH indicators. *Dalton Transactions*, **2004**, 2850-4	4.3	8
73	Bistable copper complexes of bis-thia-bis-quinoline ligands. *Inorganic Chemistry*, **2003**, 42, 6056-62	5.1	15
72	pH-dependent absorption and emission properties of a ReI complex working as a carboxylate ligand for Cu2+. *Journal of Photochemistry and Photobiology A: Chemistry*, **2003**, 159, 249-252	4.7	4
71	Monitoring the redox-driven assembly/disassembly of a dicopper(I) helicate with an auxiliary fluorescent probe. *Inorganic Chemistry*, **2003**, 42, 1632-6	5.1	37
70	Formation of a dicopper(I) helicate by oxidative dehydrogenation of a monomeric copper(II) polyamine complex. *Dalton Transactions*, **2003**, 773-774	4.3	17

69	Double helical and monomeric Ag(I) and Zn(II) complexes of 1,2-cyclohexanediyl-bis(iminophenanthridine) ligands. *Dalton Transactions*, **2003**, 4340	4.3	15
68	A Solvent-Dependent and Electrochemically Controlled Self-Assembling/Disassembling System. *Collection of Czechoslovak Chemical Communications*, **2003**, 68, 1647-1662		2
67	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
66	Signal amplification by a fluorescent indicator of a pH-driven intramolecular translocation of a copper(II) ion. *Angewandte Chemie - International Edition*, **2002**, 41, 2553-6	16.4	59
65	A di-copper(II) bis-tren cage with thiophene spacers as receptor for anions in aqueous solution. *Inorganica Chimica Acta*, **2002**, 337, 70-74	2.7	19
64	'On-off-on' fluorescent indicators of pH windows based on three separated components. *Chemical Communications*, **2002**, 2452-3	5.8	36
63	Supramolecular Functions Related to the Redox Activity of Transition Metals. *Supramolecular Chemistry*, **2001**, 13, 569-582	1.8	27
62	Investigation of reduction of Cu(II) complexes in positive-ion mode electrospray mass spectrometry. *Rapid Communications in Mass Spectrometry*, **2001**, 15, 2347-2353	2.2	77
61	Controlling the assembling/disassembling process of metal-containing superstructures. *Coordination Chemistry Reviews*, **2001**, 216-217, 435-448	23.2	34
60	Anion recognition by dimetallic cryptates. *Coordination Chemistry Reviews*, **2001**, 219-221, 821-837	23.2	126
59	Mechanical Switches of Fluorescence. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2001**, 41, 13-18		4
58	Molecular rearrangements controlled by pH-driven Cu2+ motions. *Dalton Transactions RSC*, **2001**, 3528-3533		25
57	Electrochemical assembling/disassembling of helicates with hysteresis. *Inorganic Chemistry*, **2001**, 40, 3579-87	5.1	64
56	Molecular machines based on metal ion translocation. *Accounts of Chemical Research*, **2001**, 34, 488-93	24.3	214
55	Molecular Movements and Translocations Controlled by Transition Metals and Signaled by Light Emission. *Structure and Bonding*, **2001**, 79-115	0.9	17
54	Halide-Ion Encapsulation by a Flexible Dicopper(II) Bis-Tren Cryptate. *Angewandte Chemie*, **2000**, 112, 3039-3042	3.6	24
53	Halide-Ion Encapsulation by a Flexible Dicopper(II) Bis-Tren Cryptate. *Angewandte Chemie - International Edition*, **2000**, 39, 2917-2920	16.4	76
52	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

51	pH-Controlled translocation of NiII within a ditopic receptor bearing an appended anthracene fragment: a mechanical switch of fluorescence. *Dalton Transactions RSC*, **2000**, 185-189		47
50	A monometallic and kinetically inert complex of a ditopic open ligand as a tight polyaza cage. *Dalton Transactions RSC*, **2000**, 1155-1160		10
49	M and P double helical complexes of copper(I) with bis-imino bis-quinoline enantiomerically pure chiral ligands. *Inorganic Chemistry*, **2000**, 39, 5803-6	5.1	51
48	Molecular Switches Based on the [NiII(cyclam)]2+ Fragment **2000**, 207-226		
47	Molecular events switched by transition metals. *Coordination Chemistry Reviews*, **1999**, 190-192, 649-669	23.2	103
46	Redox-Driven Intramolecular Anion Translocation between Transition Metal Centres. *Chemistry - A European Journal*, **1999**, 5, 682-690	4.8	41
45	Electrochemically Controlled Assembling/Disassembling Processes with a Bis-imine Bis-quinoline Ligand and the CuII/CuI Couple. *Chemistry - A European Journal*, **1999**, 5, 3679-3688	4.8	59
44	A [RuII(bipy)3]-[1,9-diamino-3,7-diazanonane-4,6-dione] two-component system, as an efficient ON□OFF luminescent chemosensor for Ni2+ and Cu2+ in water, based on an ET (energy transfer) mechanism. *Journal of the Chemical Society Dalton Transactions*, **1999**, 1381-1386		76
43	Transition Metals as Switches. *Accounts of Chemical Research*, **1999**, 32, 846-853	24.3	272
42	Crystal and molecular structure of protonated (N-propyl)-aminomethyl ferrocene, a proton-sensitive redox-responsive fragment. *Inorganica Chimica Acta*, **1998**, 267, 177-182	2.7	4
41	Electrochemical and photophysical properties of two-component coordination compounds containing a metallocyclam and an ReI(bipy)(CO)3Cl subunit. *Inorganica Chimica Acta*, **1998**, 275-276, 117-121	2.7	8
40	Controllable Intramolecular Motions That Generate Fluorescent Signals for a Metal Scorpionate Complex. *Angewandte Chemie - International Edition*, **1998**, 37, 800-802	16.4	66
39	A ditopic tetradentate pyridyl amine ligand containing an anthracene fragment: fluorescence intensity and □closed□ vs. □open□ species formation in the presence of Cu2+, as a function of pH. *Journal of the Chemical Society Dalton Transactions*, **1998**, 2053-2058		12
38	An □off-on-off□ fluorescent sensor for pH based on ligand□proton and ligand□metal□proton interactions. *New Journal of Chemistry*, **1998**, 22, 1403-1407	3.6	42
37	Electrochemically Switched Anion Translocation in a Multicomponent Coordination Compound. *Inorganic Chemistry*, **1997**, 36, 827-832	5.1	38
36	Fluorescent Chemosensors which Take Profit from the Metal-Ligand Interaction **1997**, 75-90		3
35	Sensing of transition metals through fluorescence quenching or enhancement. A review. *Analyst, The*, **1996**, 121, 1763	5	135
34	A Zinc(II)-Driven Intramolecular Photoinduced Electron Transfer. *Inorganic Chemistry*, **1996**, 35, 1733-1736	5.1	43

33	Supramolecular assemblies containing metallocyclam subunits. *Supramolecular Chemistry*, **1996**, 6, 239-250	1.8	7
32	A structurally characterized azide-bridged dinuclear nickel (II) cryptate. *Inorganica Chimica Acta*, **1996**, 244, 7-9	2.7	21
31	Fluorescent Sensors for Transition Metals Based on Electron-Transfer and Energy-Transfer Mechanisms. *Chemistry - A European Journal*, **1996**, 2, 75-82	4.8	230
30	Anion Sensing Based on the Metal-Ligand Interaction **1996**, 433-448		1
29	{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. *Inorganic Chemistry*, **1995**, 34, 4529-4535	5.1	16
28	Molecular recognition of the imidazole residue by a dicopper(II) complex with a bisdien macrocycle bearing two pendant arms. *Journal of the Chemical Society Chemical Communications*, **1995**, 2439		37
27	Anion recognition by a dicopper (II) cryptate. *Inorganica Chimica Acta*, **1995**, 238, 5-8	2.7	48
26	Controlling the acidity of the carboxylic group by a ferrocene based redox switch. *Inorganica Chimica Acta*, **1994**, 225, 239-244	2.7	36
25	An Anthracene-Based Fluorescent Sensor for Transition Metal Ions. *Angewandte Chemie International Edition in English*, **1994**, 33, 1975-1977		169
24	Ein Fluoreszenzsensor f□Übergangsmetall-Ionen auf Anthracenbasis. *Angewandte Chemie*, **1994**, 106, 2051-2053	3.6	21
23	Nickel(II) Complexes of Azacyclams: Oxidation and Reduction Behavior and Catalytic Effects in the Electroreduction of Carbon Dioxide. *Inorganic Chemistry*, **1994**, 33, 1366-1375	5.1	58
22	Redox switchable ligands suitable for transition metal ions: Protonation, complexation and electrochemical properties of a ferrocene-modified tetraamine diketone and its saturated analogue. *Supramolecular Chemistry*, **1994**, 3, 115-125	1.8	9
21	pH and Redox Switches based on Metal Centres **1994**, 133-152		2
20	Amides and sulfonamides: efficient molecular padlocks for the template synthesis of azacyclam (1,3,5,8,12-pentaazacyclotetradecane) macrocycles. *Journal of the Chemical Society Dalton Transactions*, **1993**, 1411		23
19	Ferrocene-metallocyclam conjugates: new redox systems whose two-electron activity can be modulated through the medium. *Inorganic Chemistry*, **1993**, 32, 854-860	5.1	35
18	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
17	Pyridines with an appended metallocyclam subunit. Versatile building blocks to supramolecular multielectron redox systems. *Inorganic Chemistry*, **1993**, 32, 106-113	5.1	27
16	Novel routes to functionalized cyclam-like macrocycles. *Pure and Applied Chemistry*, **1993**, 65, 455-459	2.1	7

15	Appending two non-equivalent ferrocene fragments to a metallocyclam core. *Inorganica Chimica Acta*, **1993**, 214, 193-196	2.7	7
14	Electrons and Ions Moving Across Liquid Membranes. *Journal of Coordination Chemistry*, **1992**, 27, 39-73	1.6	4
13	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
12	A redox-switchable ligand for which the binding ability is enhanced by oxidation of its ferrocene unit. *Journal of the Chemical Society Dalton Transactions*, **1992**, 3283		31
11	Using platinum(II) as a building block to two-electron redox systems. Crystal structure and redox behavior of cis-[PtII(3-ferrocenylpyridine)2Cl2]. *Inorganic Chemistry*, **1992**, 31, 765-769	5.1	40
10	Template synthesis of a ferrocene-metallocyclam conjugate. *Inorganica Chimica Acta*, **1992**, 202, 115-118	2.7	4
9	Redox processes in supramolecular coordination compounds. *Coordination Chemistry Reviews*, **1992** , 120, 237-257	23.2	39
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7	5-Ferrocenyl-salicylate: a convenient ligand to build up multi-electron redox systems. *Inorganica Chimica Acta*, **1991**, 188, 1-3	2.7	3
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