Gianluca Accorsi

List of Publications by Year
in descending order

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113 papers	8,442 citations	53660 45 h-index	48187 88 g-index
124 all docs	124 docs citations	124 times ranked	8437 citing authors

#	Article	IF	Citations
1	Luminescent Ionic Transitionâ€Metal Complexes for Lightâ€Emitting Electrochemical Cells. Angewandte Chemie - International Edition, 2012, 51, 8178-8211.	7.2	857
2	Design of luminescent lanthanide complexes: From molecules to highly efficient photo-emitting materials. Coordination Chemistry Reviews, 2010, 254, 487-505.	9.5	848
3	Luminescent complexes beyond the platinum group: the d10 avenue. Chemical Communications, 2008, , 2185.	2.2	566
4	Photochemistry and Photophysics of Coordination Compounds: Copper. , 2007, , 69-115.		472
5	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. Inorganic Chemistry, 2005, 44, 529-537.	1.9	348
6	1,10-Phenanthrolines: versatile building blocks for luminescent molecules, materials and metal complexes. Chemical Society Reviews, 2009, 38, 1690.	18.7	346
7	Highly Luminescent CuI Complexes for Light-Emitting Electrochemical Cells. Advanced Materials, 2006, 18, 1313-1316.	11.1	342
8	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)â^' and Pt(II)â^'Bipyrimidine Metal Centers. Inorganic Chemistry, 2005, 44, 61-72.	1.9	192
9	Electrophosphorescent homo- and heteroleptic copper(i) complexes prepared from various bis-phosphine ligands. Chemical Communications, 2007, , 3077-3079.	2.2	161
10	Calix[4]arene-Linked Bisporphyrin Hosts for Fullerenes:Â Binding Strength, Solvation Effects, and Porphyrinâ^'Fullerene Charge Transfer Bands. Journal of the American Chemical Society, 2006, 128, 15903-15913.	6.6	156
11	The exceptional near-infrared luminescence properties of cuprorivaite (Egyptian blue). Chemical Communications, 2009, , 3392.	2.2	150
12	Novel Phenanthroline Ligands and Their Kinetically Locked Copper(I) Complexes with Unexpected Photophysical Properties. Inorganic Chemistry, 2006, 45, 2061-2067.	1.9	125
13	Exceptional Redox and Photophysical Properties of a Triply Fused Diporphyrinâ€“C60 Conjugate: Novel Scaffolds for Multicharge Storage in Molecular Scale Electronics. Angewandte Chemie - International Edition, 2003, 42, 4966-4970.	7.2	124
14	Charged Bis-Cyclometalated Iridium(III) Complexes with Carbene-Based Ancillary Ligands. Inorganic Chemistry, 2013, 52, 10292-10305.	1.9	110
15	Influence of Halogen Atoms on a Homologous Series of Bis-Cyclometalated Iridium(III) Complexes. Inorganic Chemistry, 2012, 51, 799-811.	1.9	107
16	Highly Luminescent Eu3+and Tb3+Macrocyclic Complexes Bearing an Appended Phenanthroline Chromophore. Inorganic Chemistry, 2002, 41, 2777-2784.	1.9	105
17	New tetrazole-based Cu(<scp>i</scp>) homo- and heteroleptic complexes with various P^P ligands: synthesis, characterization, redox and photophysical properties. Dalton Transactions, 2013, 42, 997-1010.	1.6	103
18	Photophysical Properties of Charged Cyclometalated Ir(III) Complexes: A Joint Theoretical and Experimental Study. Inorganic Chemistry, 2011, 50, 7229-7238.	1.9	101

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19	[60]Fullerene: A Versatile Photoactive Core for Dendrimer Chemistry. Chemistry - A European Journal, 2003, 9, 36-41.	1.7	100
20	Blue-Emitting Dinuclear N-heterocyclic Dicarbene Gold(I) Complex Featuring a Nearly Unit Quantum Yield. Inorganic Chemistry, 2012, 51, 1778-1784.	1.9	95
21	Photoinduced processes in fullerenopyrrolidine and fullerenopyrazoline derivatives substituted with an oligophenylenevinylene moietyElectronic supplementary information (ESI) available: synthetic procedures and full characterization of all new compounds. See http://www.rsc.org/suppdata/jm/b2/b200432a/. Journal of Materials Chemistry, 2002, 12, 2077-2087.	6.7	91
22	Luminescent lanthanide complexes: Selection rules and design. Coordination Chemistry Reviews, 2010, 254, 3026-3029.	9.5	89
23	Taking Advantage of the Electronic Excited States of [60]-Fullerenes. Journal of Physical Chemistry C, 2010, 114, 1385-1403.	1.5	88
24	New Lanthanide Complexes for Sensitized Visible and Near-IR Light Emission:Â Synthesis,1H NMR, and X-ray Structural Investigation and Photophysical Properties. Inorganic Chemistry, 2004, 43, 1294-1301.	1.9	82
25	Interplay of Light Antenna and Excitation â€œEnergy Reservoirâ€•Effects in a Bichromophoric System Based on Rutheniumâ^'Polypyridine and Pyrene Units Linked by a Long and Flexible Poly(ethylene glycol) Chainâ€. Inorganic Chemistry, 2002, 41, 6711-6719.	1.9	76
26	Bright Blue Phosphorescence from Cationic Bis-Cyclometalated Iridium(III) Isocyanide Complexes. Inorganic Chemistry, 2012, 51, 2263-2271.	1.9	74
27	Structural and Photophysical Properties of Mononuclear and Dinuclear Lanthanide(III) Complexes of Multidentate Podand Ligands Based on Poly(pyrazolyl)borates. Inorganic Chemistry, 1999, 38, 5769-5776.	1.9	72
28	Polarity Effects on the Photophysics of Dendrimers with an Oligophenylenevinylene Core and Peripheral Fullerene Units. Chemistry - A European Journal, 2004, 10, 5076-5086.	1.7	72
29	Wet Adsorption of a Luminescent Eu^{III} complex on Carbon Nanotubes Sidewalls. Advanced Functional Materials, 2007, 17, 2975-2982.	7.8	71
30	Photophysical Properties of the ReI and RuII Complexes of a New C60-Substituted Bipyridine Ligand. Chemistry - A European Journal, 2002, 8, 2314.	1.7	70
31	Photophysical and Electrochemical Properties ofmeso,meso-Linked Oligoporphyrin Rods with Appended Fullerene Terminals. ChemPhysChem, 2005, 6, 732-743.	1.0	70
32	Oligoporphyrin Arrays Conjugated to [60]Fullerene: Preparation, NMR Analysis, and Photophysical and Electrochemical Properties. Helvetica Chimica Acta, 2005, 88, 1839-1884.	1.0	69
33	Homoleptic Copper(I), Silver(I), and Gold(I) Bisphosphine Complexes. European Journal of Inorganic Chemistry, 2014, 2014, 1345-1355.	1.0	69
34	Heteroleptic Cu(I) complexes containing phenanthroline-type and 1,1â€²-bis(diphenylphosphino)ferrocene ligands: Structure and electronic properties. Inorganica Chimica Acta, 2007, 360, 1032-1042.	1.2	67
35	Engineering conjugation in para-phenylene-bridged porphyrin tapes. Chemical Science, 2012, 3, 1541.	3.7	67
36	Fullerodendrimers with peripheral triethyleneglycol chains: synthesis, mass spectrometric characterization, and photophysical properties. New Journal of Chemistry, 2002, 26, 1146-1154.	1.4	64

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37	Heteroleptic Copper(I) Complexes Coupled with Methano[60]fullerene: Synthesis, Electrochemistry, and Photophysics. Inorganic Chemistry, 2008, 47, 6254-6261.	1.9	60
38	A fullerene core to probe dendritic shielding effects. Tetrahedron, 2003, 59, 3833-3844.	1.0	59
39	Photophysical properties and tunable colour changes of silica single layers doped with lanthanide(iii) complexes. Chemical Communications, 2007, , 2911.	2.2	58
40	Spectroscopy and electrochemical properties of a homologous series of acetylacetonato and hexafluoroacetylacetonato cyclopalladated and cycloplatinated complexes. Dalton Transactions, 2008, , 4303.	1.6	57
41	Dinuclear gold(i) complexes with propylene bridged N-heterocyclic dicarbene ligands: synthesis, structures, and trends in reactivities and properties. Dalton Transactions, 2013, 42, 10952.	1.6	57
42	Functionalization of [60]fullerene with new light-collecting oligophenylenevinylene-terminated dendritic wedges. Tetrahedron Letters, 2002, 43, 65-68.	0.7	53
43	Organometallic emitting dyes: Palladium(II) nile red complexes. Journal of Organometallic Chemistry, 2005, 690, 857-861.	0.8	53
44	Syntheses and structures of mononuclear {Re(CO)3Cl(NN)} â€˜complex ligandsâ€™ with a pendant iminoâ€“pyridine binding site, and preparation of some heterodinuclear Re(I)â€“lanthanide(III) complexes. Inorganica Chimica Acta, 2003, 351, 159-166.	1.2	49
45	Polymorphism, Fluorescence, and Optoelectronic Properties of a Borazine Derivative. Chemistry - A European Journal, 2013, 19, 7771-7779.	1.7	49
46	Photoinduced electron andÂenergy transfer processes inÂfullerene C60â€“metal complex hybrid assemblies. Comptes Rendus Chimie, 2006, 9, 1005-1013.	0.2	46
47	Cap removal and shortening of double-walled and very-thin multi-walled carbon nanotubes under mild oxidative conditions. Carbon, 2009, 47, 675-682.	5.4	46
48	Polaritonâ€Induced Enhanced Emission from an Organic Dye under the Strong Coupling Regime. Advanced Optical Materials, 2014, 2, 1076-1081.	3.6	46
49	Pyrazolino[60]fullerene-Oligophenylenevinylene Dumbbell-Shaped Arrays: Synthesis, Electrochemistry, Photophysics, and Self-Assembly on Surfaces. Chemistry - A European Journal, 2005, 11, 4405-4415.	1.7	45
50	Synthesis and photoluminescence properties of rhenium(<scp>i</scp>) complexes based on 2,2â€²:6â€²,2â€²â€²-terpyridine derivatives with hole-transporting units. Dalton Transactions, 2013, 42, 2716-2723.	1.6	41
51	Ultrafast dynamics of Cu(i)-phenanthrolines in dichloromethane. Chemical Communications, 2003, , 3010.	2.2	38
52	Ground and Excited State Electronic Interactions in a Bis(phenanthroline) Copper(I) Complex Sandwiched between Two Fullerene Subunits. Inorganic Chemistry, 2003, 42, 8783-8793.	1.9	33
53	Electronic properties of oligophenylenevinylene and oligophenyleneethynylene arrays constructed on the upper rim of a calix[4]arene core. New Journal of Chemistry, 2004, 28, 1627.	1.4	33
54	Structure-Dependent Photoinduced Electron Transfer in Fullerodendrimers with Light-Harvesting Oligophenylenevinylene Terminals. Chemistry - an Asian Journal, 2006, 1, 564-574.	1.7	33

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55	Synthesis and Photophysical Properties of Copper(I) Complexes Obtained from 1,10â€Phenanthroline Ligands with Increasingly Bulky 2,9â€Substituents. European Journal of Inorganic Chemistry, 2010, 2010, 164-173.	1.0	33
56	Fullerene-containing macromolecules for materials science applications. Carbon, 2004, 42, 1077-1083.	5.4	31
57	High quality factor microcavity OLED employing metal-free electrically active Bragg mirrors. Organic Electronics, 2018, 62, 174-180.	1.4	31
58	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. European Journal of Inorganic Chemistry, 2003, 2003, 467-474.	1.0	30
59	A stable and strongly luminescent dinuclear Cu(i) helical complex prepared from 2-diphenylphosphino-6-methylpyridine. Chemical Communications, 2013, 49, 859-861.	2.2	30
60	Dinuclear Cu(I) complexes prepared from 2-diphenylphosphino-6-methylpyridine. Polyhedron, 2014, 82, 158-172.	1.0	29
61	Synthesis and Photoluminescence Properties of Heteroleptic Europium(III) Complexes with Appended Carbazole Units. European Journal of Inorganic Chemistry, 2008, 2008, 2075-2080.	1.0	28
62	Highly homogeneous, transparent and luminescent SiO2glassy layers containing a covalently bound tetraazacyclododecaneâ€“triacetic acidâ€“Eu(iii)â€“acetophenone complex. Journal of Materials Chemistry, 2006, 16, 741-747.	6.7	27
63	Highly Photoluminescent Silica Layers Doped with Efficient Eu(III) and Tb(III) Antenna Complexes. Chemistry of Materials, 2009, 21, 2941-2949.	3.2	27
64	A supramolecular porphyrinâ€“ferroceneâ€“fullerene triad. New Journal of Chemistry, 2011, 35, 632.	1.4	26
65	Metal complexes with di(N-heterocyclic carbene) ligands bearing a rigid ortho-, meta or para-phenylene bridge. Dalton Transactions, 2016, 45, 9540-9552.	1.6	26
66	Calix[4]oligophenylenevinylene: a new rigid core for the design of Ï€-conjugated liquid crystalline derivatives. Tetrahedron Letters, 2001, 42, 2309-2312.	0.7	25
67	Time and Temperature Dependence of CdS Nanoparticles Grown in a Polystyrene Matrix. Journal of Nanomaterials, 2012, 2012, 1-11.	1.5	25
68	Two-step MAPbI₃ deposition by low-vacuum proximity-space-effusion for high-efficiency inverted semitransparent perovskite solar cells. Journal of Materials Chemistry A, 2021, 9, 16456-16469.	5.2	25
69	Synthesis and near-infrared luminescence of a deuterated conjugated porphyrin dimer for probing the mechanism of non-radiative deactivation. Organic and Biomolecular Chemistry, 2007, 5, 1056.	1.5	23
70	A Luminescent Hostâ€“Guest Hybrid between a Eu^{III} Complex and MWCNTs. Chemistry - A European Journal, 2011, 17, 8533-8537.	1.7	21
71	All-thiophene donorâ€“acceptor blends: photophysics, morphology and photoresponse. Journal of Materials Chemistry, 2005, 15, 895-901.	6.7	20
72	Synthesis and photoluminescence properties of asymmetrical europium(III) complexes involving carbazole, phenanthroline and bathophenanthroline units. Inorganica Chimica Acta, 2009, 362, 3181-3186.	1.2	19

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73	Thin layer cyclic voltammetry: an efficient tool to determine the redox characteristics of large dendrimers. Chemical Communications, 2002, , 2830-2831.	2.2	18
74	Copper(i) complexes of 1,10-phenanthrolineâ€“oligophenylenevinylene conjugates. New Journal of Chemistry, 2003, 27, 1470-1478.	1.4	18
75	Tunable photophysical properties of phenyleneethynylene based bipyridine ligands. Photochemical and Photobiological Sciences, 2009, 8, 1432.	1.6	17
76	A series of diphenylamine-fluorenone derivatives as potential fluorescent probes for neuroblastoma cell staining. Tetrahedron, 2016, 72, 2920-2928.	1.0	17
77	Arylamino-fluorene derivatives: Optically induced electron transfer investigation, redox-controlled modulation of absorption and fluorescence. Dyes and Pigments, 2020, 177, 108325.	2.0	17
78	Luminescence properties and solution dynamics of lanthanide complexes composed by a macrocycle hosting site and naphthalene or quinoline appended chromophore. Inorganica Chimica Acta, 2007, 360, 2549-2557.	1.2	16
79	The electronic properties of a homoleptic bisphosphine Cu(I) complex: A joint theoretical and experimental insight. Computational and Theoretical Chemistry, 2010, 962, 7-14.	1.5	16
80	New insights into the composition of Indian yellow and its use in a Rajasthani wall painting. Microchemical Journal, 2018, 137, 238-249.	2.3	16
81	Ultrastrong light-matter coupling in electroluminescent organic microcavities. Applied Materials Today, 2015, 1, 33-36.	2.3	15
82	White multi-layered polymer light emitting diode through matrix assisted pulsed laser evaporation. Journal of Materials Chemistry C, 2016, 4, 7667-7674.	2.7	15
83	Folding of a poly(oxyethylene) chain as probed by photoinduced energy transfer between Ruâ€“ and Osâ€“polypyridine termini. Dalton Transactions RSC, 2001, , 2228-2231.	2.3	13
84	White Luminescent Silica Layers: The Molecular Design Beneath. ChemPhysChem, 2010, 11, 2499-2502.	1.0	13
85	Capturing the geometry of the emissive state of a Cu(i) red emitter through strong intramolecular stacking forces. Dalton Transactions, 2013, 42, 3357-3365.	1.6	13
86	Synthesis and photoluminescence of a dendritic europium complex with carbazole moieties. Journal of Rare Earths, 2008, 26, 173-177.	2.5	12
87	Synthesis and photophysical characterization of highly luminescent silica films doped with substituted 2-hydroxyphthalamide (IAM) terbium complexes. Dalton Transactions, 2011, 40, 11530.	1.6	12
88	Imaging, photophysical properties and DFT calculations of manganese blue (barium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (mang 15297-15300.	2.2	12
89	Optical properties and photoinduced processes in multicomponent architectures with oligophenylenevinylene units. Synthetic Metals, 2004, 147, 19-28.	2.1	11
90	Synthesis and photoluminescence properties of heteroleptic Eu3+, Tb3+ and Tm3+ complexes. Journal of Alloys and Compounds, 2009, 485, 119-123.	2.8	10

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91	Solid state photoluminescence of novel lanthanide complexes based on 4-benzoylpyrazolone Schiff base. Synthetic Metals, 2010, 160, 2377-2380.	2.1	9
92	Intramolecular interactions and photoinduced electron transfer in isoalloxazine-naphthalene bichromophores. Journal of Photochemistry and Photobiology A: Chemistry, 2009, 203, 166-176.	2.0	8
93	Effects of donor position on dibenzofulvene-based organic dyes for photovoltaics. Journal of Materials Science: Materials in Electronics, 2017, 28, 8694-8707.	1.1	8
94	The Effect of Extended Ball-Milling upon Three-Dimensional and Two-Dimensional Perovskite Crystals Properties. Applied Sciences (Switzerland), 2020, 10, 4775.	1.3	8
95	Non-Linear Optical Properties of Biexciton in Ellipsoidal Quantum Dot. Nanomaterials, 2022, 12, 1412.	1.9	8
96	Modulation of photoinduced energy-transfer between Ru(II) and Os(II) termini in a dinuclear complex by a conformational change induced by Ba2+ binding at a central macrocyclic site. Inorganic Chemistry Communication, 2003, 6, 439-442.	1.8	7
97	Tuning photoinduced processes of covalently bound isoalloxazine and anthraquinone bichromophores. Photochemical and Photobiological Sciences, 2013, 12, 813-822.	1.6	7
98	An â€˜imperial radiationâ€™: Experimental and theoretical investigations of the photo-induced luminescence properties of 6,6â€²-dibromoindigo (Tyrian purple). Dyes and Pigments, 2019, 160, 879-889.	2.0	7
99	Dinuclear gold(<scp>i</scp>) complexes with N-phosphanyl, N-heterocyclic carbene ligands: synthetic strategies, luminescence properties and anticancer activity. Dalton Transactions, 2021, 50, 13554-13560.	1.6	7
100	Control of Electron Transfer Processes in Multidimensional Arylamine-Based Mixed-Valence Compounds by Molecular Backbone Design. Journal of Physical Chemistry A, 2021, 125, 7840-7851.	1.1	7
101	Free-standing micropatternable nanocomposites as efficient colour converting filters for light emitting devices. Journal of Materials Chemistry C, 2016, 4, 5001-5009.	2.7	6
102	Optical and theoretical investigation of Indian yellow (euxanthic acid and euxanthone). Dyes and Pigments, 2017, 144, 234-241.	2.0	6
103	Exploiting Photo- and Electroluminescence Properties of FIrpic Organic Crystals. Inorganic Chemistry, 2016, 55, 6532-6538.	1.9	5
104	Synthesis and thermotropic behaviour of bis(imidazolium) salts bearing long-chain alkyl-substituents and of the corresponding dinuclear gold carbene complexes. Journal of Organometallic Chemistry, 2016, 801, 60-67.	0.8	5
105	Reply to â€œLuminescent lanthanide complexes: Selection rules and designâ€• Coordination Chemistry Reviews, 2010, 254, 3029.	9.5	4
106	A colour tunable microcavity by weak-to-strong coupling regime transition through a light-switchable material. Chemical Communications, 2014, 50, 1122-1124.	2.2	3
107	Photoinduced processes in macrocyclic isoalloxazineâ€“anthracene systems. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 314, 189-197.	2.0	3
108	Synthesis and Investigation of Electro-Optical Properties of H-Shape Dibenzofulvene Derivatives. Molecules, 2022, 27, 1091.	1.7	3

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109	Redox Properties and Interchromophoric Electronic Interactions in Isoalloxazineâˆ'Anthraquinone Dyads. ChemElectroChem, 2018, 5, 985-990.	1.7	2
110	Tailoring of the self-assembled structures and optical waveguide behaviour of arylaminofluorenone derivatives. Dyes and Pigments, 2019, 171, 107780.	2.0	2
111	Studies of novel trifluoroacetylated diaryl hydrazone molecular photoswitches in solution and in the solid state. New Journal of Chemistry, 2021, 45, 12471-12478.	1.4	2
112	[60]Fullerene: A Versatile Photoactive Core for Dendrimer Chemistry.. ChemInform, 2003, 34, no.	0.1	0
113	A Fullerene Core to Probe Dendritic Shielding Effects.. ChemInform, 2003, 34, no.	0.1	0