

André Del Guerzo

List of Publications by Year in descending order

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65
papers

2,091
citations

218677

26
h-index

233421

45
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66
all docs

66
docs citations

66
times ranked

2675
citing authors

#	ARTICLE	IF	CITATIONS
1	Photophysical behavior of transition metal complexes having interacting ligand localized and metal-to-ligand charge transfer states. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2004, 5, 55-77.	11.6	204
2	White-Light-Emitting Self-Assembled NanoFibers and Their Evidence by Microspectroscopy of Individual Objects. <i>Journal of the American Chemical Society</i> , 2011, 133, 316-325.	13.7	170
3	Energy Transfer in Self-Assembled [n]-Acene Fibers Involving 100 Donors Per Acceptor. <i>Journal of the American Chemical Society</i> , 2005, 127, 17984-17985.	13.7	168
4	Magnetic Deformation of Self-Assembled Sexithiophene Spherical Nanocapsules. <i>Journal of the American Chemical Society</i> , 2005, 127, 1112-1113.	13.7	105
5	Photophysics of Re(I) and Ru(II) Diimine Complexes Covalently Linked to Pyrene: Contributions from Intra-Ligand Charge Transfer States. <i>Inorganic Chemistry</i> , 2002, 41, 359-366.	4.0	94
6	Magnetic Alignment of Self-Assembled Anthracene Organogel Fibers. <i>Langmuir</i> , 2005, 21, 2108-2112.	3.5	78
7	Self-Assembly of Supramolecular Fullerene Ribbons via Hydrogen-Bonding Interactions and Their Impact on Fullerene Electronic Interactions and Charge Carrier Mobility. <i>Journal of the American Chemical Society</i> , 2010, 132, 12717-12723.	13.7	74
8	Synthesis of 2,3-Substituted Tetracenes and Evaluation of Their Self-Assembling Properties in Organic Solvents. <i>Organic Letters</i> , 2005, 7, 971-974.	4.6	68
9	Preferential solvation of an ILCT excited state in bis(terpyridine-phenylene-vinylene) Zn(II) complexes. <i>Chemical Communications</i> , 2002, , 2344-2345.	4.1	67
10	Hybrid Materials Combining Photoactive 2,3-DidecyloxyAnthracene Physical Gels and Gold Nanoparticles. <i>Chemistry of Materials</i> , 2009, 21, 3424-3432.	6.7	61
11	Spontaneous Generation of Highly Emissive RGB Organic Nanospheres. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7032-7036.	13.8	55
12	The influence of bridging ligand electronic structure on the photophysical properties of noble metal diimine and triimine light harvesting systems. <i>Photosynthesis Research</i> , 2006, 87, 83-103.	2.9	53
13	Bio-inspired supramolecular materials by orthogonal self-assembly of hydrogelators and phospholipids. <i>Chemical Science</i> , 2016, 7, 6021-6031.	7.4	52
14	Exploiting Direct and Cascade Energy Transfer for Color-Tunable and White-Light Emission in Three-Component Self-Assembled Nanofibers. <i>Journal of Physical Chemistry C</i> , 2012, 116, 21706-21716.	3.1	50
15	Photodimers of a Soluble Tetracene Derivative. Excimer Fluorescence from the Head-to-Head Isomer. <i>Organic Letters</i> , 2004, 6, 1899-1902.	4.6	41
16	Spectroscopic, microscopic and first rheological investigations in charge-transfer interaction induced organogels. <i>Journal of Materials Chemistry</i> , 2010, 20, 7227.	6.7	40
17	Facile functionalization of a fully fluorescent perfluorophenyl BODIPY: photostable thiol and amine conjugates. <i>Chemical Communications</i> , 2011, 47, 10425.	4.1	40
18	Self-assembling and light-harvesting properties of fluorescent linear condensed aromatic gelators. <i>Pure and Applied Chemistry</i> , 2006, 78, 2333-2339.	1.9	33

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19	Fluorescence Amplification in Self-Assembled Organic Nanoparticles by Excitation Energy Migration and Transfer. <i>Journal of Physical Chemistry C</i> , 2010, 114, 10410-10416.	3.1	33
20	Tunable Stokes shift and circularly polarized luminescence by supramolecular gel. <i>Journal of Materials Chemistry C</i> , 2015, 3, 5970-5975.	5.5	32
21	Photophysical behavior of Ru(II) and Os(II) terpyridyl phenylene vinylene complexes: perturbation of MLCT state by intra-ligand charge-transfer state. <i>Research on Chemical Intermediates</i> , 2007, 33, 63-77.	2.7	31
22	Self-assembled composite nano-materials exploiting a thermo reversible n-acene fibrillar scaffold and organic-capped ZnO nanoparticles. <i>Journal of Materials Chemistry</i> , 2011, 21, 2740.	6.7	30
23	Hybrid organogels and aerogels from co-assembly of structurally different low molecular weight gelators. <i>Journal of Materials Chemistry C</i> , 2013, 1, 3305.	5.5	30
24	Continuous synthesis of high quality CdSe quantum dots in supercritical fluids. <i>Journal of Materials Chemistry C</i> , 2015, 3, 7561-7566.	5.5	30
25	Quantitative analysis of the effect of derivatisation of [Ru(BPY) ₂ phen] ²⁺ with a quinoline moiety on the interaction with DNA. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 2911-2920.	2.8	28
26	In vitro inhibition of gene transcription by novel photo-activated polyazaaromatic ruthenium(II) complexes. Electronic supplementary information (ESI) available: representative autoradiograph for the transcribed messenger RNA of expected size and experimental procedures. See http://www.rsc.org/suppdata/cc/b2/b202905g/Abbreviations : POQ-Nmet: 5-{4-[N-methyl-N-(7-chloroquinolin-4-yl)amino]-2-thiabutanecarboxamido}-1,10-phenanthroline; TAP: 1,4,5,8-tetraazaphenanthrene; HAT: 1,4,5,8,9,12-hexaazatriphenylene. <i>Chemical Communications</i> , 2002, , 10.	4.1	28
27	Self-assembling and spectroscopic properties of soluble linear acenes. <i>Pure and Applied Chemistry</i> , 2006, 78, 707-719.	1.9	26
28	Photophysical behavior and intramolecular energy transfer in Os(II) diimine complexes covalently linked to anthracene. <i>Photochemical and Photobiological Sciences</i> , 2005, 4, 89.	2.9	25
29	Striking Correlation between the Unusual Trigonal Crystal Packing and the Ability to Self-Assemble into Nanofibers of 2,3-Di- <i>n</i> -alkyloxyanthracenes. <i>Langmuir</i> , 2009, 25, 8606-8614.	3.5	25
30	Versatile one-step introduction of multiple hydrogen-bonding sites onto extended π -conjugated systems. <i>Chemical Communications</i> , 2008, , 6369.	4.1	24
31	Photophysics of Bifunctional Ru(II) Complexes Bearing an Aminoquinoline Organic Unit. Potential New Photoprobes and Photoreagents of DNA. <i>Journal of Physical Chemistry B</i> , 1997, 101, 7012-7021.	2.6	22
32	Novel DNA Sensor for Guanine Content. <i>Inorganic Chemistry</i> , 2002, 41, 938-945.	4.0	22
33	Structural Relationships in 2,3-Bis- <i>n</i> -decyloxyanthracene and 12-Hydroxystearic Acid Molecular Gels and Aerogels Processed in Supercritical CO ₂ . <i>Journal of Physical Chemistry B</i> , 2010, 114, 11409-11419.	2.6	22
34	Temperature dependence of luminescence for different surface flaws in high purity silica glass. <i>Optical Materials Express</i> , 2013, 3, 1.	3.0	21
35	Chemisorption of fluorine copper(II)-carboxylate complexes on SiO ₂ surfaces: versatile binding layers applied to the preparation of porphyrin monolayers. <i>Chemical Communications</i> , 2010, 46, 2617.	4.1	17
36	Reversible hydrocarbon/perfluorocarbon phase-switching of [Ru(bipy) ₃] ²⁺ driven by supramolecular heteromeric fluorine carboxylate-carboxylic acid H-bond interactions. <i>Chemical Communications</i> , 2011, 47, 8250.	4.1	16

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37	Time-resolved confocal fluorescence microscopy of trinitrobenzene-responsive organic nanofibers. Analytical and Bioanalytical Chemistry, 2010, 396, 125-131.	3.7	13
38	Nanofiber��Directed Anisotropic Self��Assembly of CdSe��CdS Quantum Rods for Linearly Polarized Light Emission Evidenced by Quantum Rod Orientation Microscopy. Small, 2018, 14, e1802311.	10.0	13
39	Characterisation of bifunctional ruthenium(II) complexes, potential DNA photo-probes. Presence of folded and unfolded conformers������. Dalton Transactions RSC, 2000, , 1173-1180.	2.3	12
40	Electroluminescence from Spontaneously Generated Single-Vesicle Aggregates Using Solution-Processed Small Organic Molecules. ACS Nano, 2016, 10, 998-1006.	14.6	12
41	Controlling the Emission Polarization from Single Crystals Using Light: Towards Photopolic Materials. Angewandte Chemie - International Edition, 2011, 50, 9584-9588.	13.8	10
42	Probing Lateral Charge Transport in Single Molecule Layers: How Charge is Transported Over Long Distances in Fullerene Self��Assembled Monolayers. Small, 2014, 10, 454-461.	10.0	10
43	Photodimerization of soluble tetracene derivatives using visible light. Journal of Physical Organic Chemistry, 2007, 20, 838-844.	1.9	9
44	Incorporation of narcissistic self-sorting supramolecular interactions for the spontaneous fabrication of multiple-color solid-state materials for OLED applications. Materials Chemistry Frontiers, 2020, 4, 845-850.	5.9	9
45	Photoresponsive Gels. , 2006, , 817-855.		8
46	Self-assembly of soluble anthracene, tetracene and pentacene derivatives. Research on Chemical Intermediates, 2008, 34, 137-145.	2.7	7
47	Kinetic selection between organogel fibers and nano-ribbons of 2,3-didecyloxy-9,10-bisphenylethynyl-anthracene. Photochemical and Photobiological Sciences, 2012, 11, 1730.	2.9	7
48	Emissive nanotubes from templated self-assembly of small molecules. Chemical Physics Letters, 2017, 683, 43-48.	2.6	5
49	2D and 3D surface photopatterning via laser-promoted homopolymerization of a perfluorophenyl azide-substituted BODIPY. Nanoscale, 2017, 9, 16908-16914.	5.6	5
50	Fluorous gels of a fluorous alcohol using a low molecular weight anthracene organogelator. Journal of Fluorine Chemistry, 2018, 205, 30-34.	1.7	5
51	A fluorous sodium <scp>l</scp>-prolinate derivative as low molecular weight gelator for perfluorocarbons. Chemical Communications, 2020, 56, 8655-8658.	4.1	5
52	Photocontrolled Hierarchical Self��Assembly of Anisotropic Micropatterns of Nanofibers onto Isotropic Surfaces. Small, 2020, 16, 1906723.	10.0	5
53	Oriented attachment and activated dipoles leading to anisotropic H-bond-free self-assembly of n-acene derivatives into organic nanoribbons emitting linearly polarised blue light. Journal of Materials Chemistry C, 2021, 9, 136-147.	5.5	5
54	Photochromism and Self-Assembly of Soluble Tetracenes. Molecular Crystals and Liquid Crystals, 2005, 431, 455-459.	0.9	4

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55	Supramolecular control of electronic properties in aromatic materials. Pure and Applied Chemistry, 2014, 86, 471-481.	1.9	4
56	Three-Dimensional High Spatial Localization of Efficient Resonant Energy Transfer from Laser-Assisted Precipitated Silver Clusters to Trivalent Europium Ions. Crystals, 2021, 11, 148.	2.2	4
57	A new bifunctional para-toluenesulfonamidophenanthroline-aminoquinoline ligand. Synthesis and characterisation of the corresponding Ru(II) complex. Inorganic Chemistry Communication, 1998, 1, 339-342.	3.9	3
58	Effect of hydrogen-bonding on the excited-state reactivity of fullerene derivatives and its impact on the control of the emission polarisation from photopolyc single crystals. Physical Chemistry Chemical Physics, 2012, 14, 8859.	2.8	3
59	Frequency-Selective Photobleaching as a Route to Chromatic Control in Supramolecular OLED Devices. ACS Applied Materials & Interfaces, 2017, 9, 36045-36052.	8.0	3
60	Wire-Like Tip-to-Tip Linked Assemblies of CdSe/CdS Quantum Rods Promoted on Supramolecular Nanofibers of Hybrid Organoand Hydrogels. ChemNanoMat, 2020, 6, 79-88.	2.8	3
61	Supramolecular gating of TADF process in self-assembled nano-spheres for high-resolution OLED applications. Chemical Communications, 2022, 58, 1163-1166.	4.1	3
62	Femtosecond Direct Laser Writing of Silver Clusters in Phosphate Glasses for X-ray Spatially-Resolved Dosimetry. Chemosensors, 2022, 10, 110.	3.6	3
63	Confocal Laser Scanning Microscopy: A Versatile Spectroscopic Tool for the Investigation of Molecular Gels. , 2012, , 607-627.		2
64	Multifunctional Anthracene-Based Ni-MOF with Encapsulated Fullerenes: Polarized Fluorescence Emission and Selective Separation of C ₇₀ from C ₆₀ . ACS Applied Materials & Interfaces, 2022, 14, 1397-1403.	8.0	1
65	Narcissistic self-sorting of <i>n</i>-acene nano-ribbons yielding energy-transfer and electroluminescence at p��n junctions. Nanoscale, 2022, 14, 8951-8958.	5.6	1