AndrÃ© Del Guerzo

List of Publications by Year
in descending order

65	2,091	218381	233125
papers	citations	26 h-index	45 g-index

66	66	66	2675
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Supramolecular gating of TADF process in self-assembled nano-spheres for high-resolution OLED applications. Chemical Communications, 2022, 58, 1163-1166.	2.2	3
2	Femtosecond Direct Laser Writing of Silver Clusters in Phosphate Glasses for X-ray Spatially-Resolved Dosimetry. Chemosensors, 2022, 10, 110.	1.8	3
3	Multifunctional Anthracene-Based Ni-MOF with Encapsulated Fullerenes: Polarized Fluorescence Emission and Selective Separation of C₇₀ from C₆₀. ACS Applied Materials & Interfaces, 2022, 14, 1397-1403.	4.0	1
4	Narcissistic self-sorting of n-acene nano-ribbons yielding energy-transfer and electroluminescence at pâ€“n junctions. Nanoscale, 2022, 14, 8951-8958.	2.8	1
5	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.	2.7	5
6	Three-Dimensional High Spatial Localization of Efficient Resonant Energy Transfer from Laser-Assisted Precipitated Silver Clusters to Trivalent Europium Ions. Crystals, 2021, 11, 148.	1.0	4
7	Wireâ€Like Tipâ€Toâ€Tip Linked Assemblies of CdSeâ€CdS Quantum Rods Promoted on Supramolecular Nanofibers of Hybrid Organoâ€•and Hydrogels. ChemNanoMat, 2020, 6, 79-88.	1.5	3
8	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.	3.2	9
9	A fluorous sodium <scp>l</scp>-prolinate derivative as low molecular weight gelator for perfluorocarbons. Chemical Communications, 2020, 56, 8655-8658.	2.2	5
10	Photocontrolled Hierarchical Selfâ€Assembly of Anisotropic Micropatterns of Nanofibers onto Isotropic Surfaces. Small, 2020, 16, 1906723.	5.2	5
11	Fluorous gels of a fluorous alcohol using a low molecular weight anthracene organogelator. Journal of Fluorine Chemistry, 2018, 205, 30-34.	0.9	5
12	Nanofiberâ€Directed Anisotropic Selfâ€Assembly of CdSeâ€“CdS Quantum Rods for Linearly Polarized Light Emission Evidenced by Quantum Rod Orientation Microscopy. Small, 2018, 14, e1802311.	5.2	13
13	Emissive nanotubes from templated self-assembly of small molecules. Chemical Physics Letters, 2017, 683, 43-48.	1.2	5
14	2D and 3D surface photopatterning via laser-promoted homopolymerization of a perfluorophenyl azide-substituted BODIPY. Nanoscale, 2017, 9, 16908-16914.	2.8	5
15	Frequency-Selective Photobleaching as a Route to Chromatic Control in Supramolecular OLED Devices. ACS Applied Materials & Interfaces, 2017, 9, 36045-36052.	4.0	3
16	Bio-inspired supramolecular materials by orthogonal self-assembly of hydrogelators and phospholipids. Chemical Science, 2016, 7, 6021-6031.	3.7	52
17	Electroluminescence from Spontaneously Generated Single-Vesicle Aggregates Using Solution-Processed Small Organic Molecules. ACS Nano, 2016, 10, 998-1006.	7.3	12
18	Tunable Stokes shift and circularly polarized luminescence by supramolecular gel. Journal of Materials Chemistry C, 2015, 3, 5970-5975.	2.7	32

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19	Continuous synthesis of high quality CdSe quantum dots in supercritical fluids. Journal of Materials Chemistry C, 2015, 3, 7561-7566.	2.7	30
20	Supramolecular control of electronic properties in aromatic materials. Pure and Applied Chemistry, 2014, 86, 471-481.	0.9	4
21	Probing Lateral Charge Transport in Single Molecule Layers: How Charge is Transported Over Long Distances in Fullerene Selfâ€Assembled Monolayers. Small, 2014, 10, 454-461.	5.2	10
22	Hybrid organogels and aerogels from co-assembly of structurally different low molecular weight gelators. Journal of Materials Chemistry C, 2013, 1, 3305.	2.7	30
23	Temperature dependence of luminescence for different surface flaws in high purity silica glass. Optical Materials Express, 2013, 3, 1.	1.6	21
24	Kinetic selection between organogel fibers and nano-ribbons of 2,3-didecyloxy-9,10-bisphenylethynyl-anthracene. Photochemical and Photobiological Sciences, 2012, 11, 1730.	1.6	7
25	Exploiting Direct and Cascade Energy Transfer for Color-Tunable and White-Light Emission in Three-Component Self-Assembled Nanofibers. Journal of Physical Chemistry C, 2012, 116, 21706-21716.	1.5	50
26	Confocal Laser Scanning Microscopy: A Versatile Spectroscopic Tool for the Investigation of Molecular Gels. , 2012, , 607-627.		2
27	Effect of hydrogen-bonding on the excited-state reactivity of fullerene derivatives and its impact on the control of the emission polarisation from photopolic single crystals. Physical Chemistry Chemical Physics, 2012, 14, 8859.	1.3	3
28	Self-assembled composite nano-materials exploiting a thermo reversible n-acene fibrillar scaffold and organic-capped ZnO nanoparticles. Journal of Materials Chemistry, 2011, 21, 2740.	6.7	30
29	Reversible hydrocarbon/perfluorocarbon phase-switching of [Ru(bipy)3]2+ driven by supramolecular heteromeric fluorous carboxylateâ€“carboxylic acid H-bond interactions. Chemical Communications, 2011, 47, 8250.	2.2	16
30	White-Light-Emitting Self-Assembled NanoFibers and Their Evidence by Microspectroscopy of Individual Objects. Journal of the American Chemical Society, 2011, 133, 316-325.	6.6	170
31	Facile functionalization of a fully fluorescent perfluorophenyl BODIPY: photostable thiol and amine conjugates. Chemical Communications, 2011, 47, 10425.	2.2	40
32	Spontaneous Generation of Highly Emissive RGB Organic Nanospheres. Angewandte Chemie - International Edition, 2011, 50, 7032-7036.	7.2	55
33	Controlling the Emission Polarization from Single Crystals Using Light: Towards Photopolic Materials. Angewandte Chemie - International Edition, 2011, 50, 9584-9588.	7.2	10
34	Time-resolved confocal fluorescence microscopy of trinitrobenzene-responsive organic nanofibers. Analytical and Bioanalytical Chemistry, 2010, 396, 125-131.	1.9	13
35	Spectroscopic, microscopic and first rheological investigations in charge-transfer interaction induced organogels. Journal of Materials Chemistry, 2010, 20, 7227.	6.7	40
36	Structural Relationships in 2,3-Bis-n-decyloxyanthracene and 12-Hydroxystearic Acid Molecular Gels and Aerogels Processed in Supercritical CO₂. Journal of Physical Chemistry B, 2010, 114, 11409-11419.	1.2	22

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37	Self-Assembly of Supramolecular Fullerene Ribbons via Hydrogen-Bonding Interactions and Their Impact on Fullerene Electronic Interactions and Charge Carrier Mobility. Journal of the American Chemical Society, 2010, 132, 12717-12723.	6.6	74
38	Fluorescence Amplification in Self-Assembled Organic Nanoparticles by Excitation Energy Migration and Transfer. Journal of Physical Chemistry C, 2010, 114, 10410-10416.	1.5	33
39	Chemisorption of fluorous copper(ii)-carboxylate complexes on SiO2 surfaces: versatile binding layers applied to the preparation of porphyrin monolayers. Chemical Communications, 2010, 46, 2617.	2.2	17
40	Striking Correlation between the Unusual Trigonal Crystal Packing and the Ability to Self-Assemble into Nanofibers of 2,3-Di-n-alkyloxyanthracenes. Langmuir, 2009, 25, 8606-8614.	1.6	25
41	Hybrid Materials Combining Photoactive 2,3-DidecyloxyAnthracene Physical Gels and Gold Nanoparticles. Chemistry of Materials, 2009, 21, 3424-3432.	3.2	61
42	Self-assembly of soluble anthracene, tetracene and pentacene derivatives. Research on Chemical Intermediates, 2008, 34, 137-145.	1.3	7
43	Versatile one-step introduction of multiple hydrogen-bonding sites onto extended Ï€-conjugated systems. Chemical Communications, 2008, , 6369.	2.2	24
44	Photodimerization of soluble tetracene derivatives using visible light. Journal of Physical Organic Chemistry, 2007, 20, 838-844.	0.9	9
45	Photophysical behavior of Ru(II) and Os(II) terpyridyl phenylene vinylene complexes: perturbation of MLCT state by intra-ligand charge-transfer state. Research on Chemical Intermediates, 2007, 33, 63-77.	1.3	31
46	Photoresponsive Gels. , 2006, , 817-855.		8
47	Self-assembling and light-harvesting properties of fluorescent linear condensed aromatic gelators. Pure and Applied Chemistry, 2006, 78, 2333-2339.	0.9	33
48	Self-assembling and spectroscopic properties of soluble linear acenes. Pure and Applied Chemistry, 2006, 78, 707-719.	0.9	26
49	The influence of bridging ligand electronic structure on the photophysical properties of noble metal diimine and triimine light harvesting systems. Photosynthesis Research, 2006, 87, 83-103.	1.6	53
50	Photochromism and Self-Assembly of Soluble Tetracenes. Molecular Crystals and Liquid Crystals, 2005, 431, 455-459.	0.4	4
51	Photophysical behavior and intramolecular energy transfer in Os(ii) diimine complexes covalently linked to anthracene. Photochemical and Photobiological Sciences, 2005, 4, 89.	1.6	25
52	Energy Transfer in Self-Assembled [n]-Acene Fibers Involving â‰¥100 Donors Per Acceptor. Journal of the American Chemical Society, 2005, 127, 17984-17985.	6.6	168
53	Magnetic Alignment of Self-Assembled Anthracene Organogel Fibers. Langmuir, 2005, 21, 2108-2112.	1.6	78
54	Magnetic Deformation of Self-Assembled Sexithiophene Spherical Nanocapsules. Journal of the American Chemical Society, 2005, 127, 1112-1113.	6.6	105

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55	Synthesis of 2,3-Substituted Tetracenes and Evaluation of Their Self-Assembling Properties in Organic Solvents. Organic Letters, 2005, 7, 971-974.	2.4	68
56	Photophysical behavior of transition metal complexes having interacting ligand localized and metal-to-ligand charge transfer states. Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2004, 5, 55-77.	5.6	204
57	Photodimers of a Soluble Tetracene Derivative. Excimer Fluorescence from the Head-to-Head Isomer. Organic Letters, 2004, 6, 1899-1902.	2.4	41
58	Photophysics of Re(I) and Ru(II) Diimine Complexes Covalently Linked to Pyrene: Contributions from Intra-Ligand Charge Transfer States. Inorganic Chemistry, 2002, 41, 359-366.	1.9	94
59	In vivo inhibition of gene transcription by novel photoactivated polyazaaromatic ruthenium(II) complexesElectronic 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. Chemical Communications, 2002, , 10.	2.2	28
60	Preferential solvation of an ILCT excited state in bis(terpyridineâ€“phenyleneâ€“vinylene) Zn(ii) complexes. Chemical Communications, 2002, , 2344-2345.	2.2	67
61	Novel DNA Sensor for Guanine Content. Inorganic Chemistry, 2002, 41, 938-945.	1.9	22
62	Quantitative analysis of the effect of derivatisation of [Ru(BPY)2phen]2+ with a quinoline moiety on the interaction with DNA. Physical Chemistry Chemical Physics, 2001, 3, 2911-2920.	1.3	28
63	Characterisation of bifunctional ruthenium(II) complexes, potential DNA photo-probes. Presence of folded and unfolded conformersâ€Šâ€. Dalton Transactions RSC, 2000, , 1173-1180.	2.3	12
64	A new bifunctional para-toluenesulfonamidophenanthroline-aminoquinoline ligand. Synthesis and characterisation of the corresponding Ru(II) complex. Inorganic Chemistry Communication, 1998, 1, 339-342.	1.8	3
65	Photophysics of Bifunctional Ru(II) Complexes Bearing an Aminoquinoline Organic Unit. Potential New Photoprobes and Photoreagents of DNA. Journal of Physical Chemistry B, 1997, 101, 7012-7021.	1.2	22