

Lorenzo Franco

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8879650/lorenzo-franco-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

65
papers

1,834
citations

23
h-index

40
g-index

68
ext. papers

1,969
ext. citations

4.4
avg, IF

4.02
L-index

#	Paper	IF	Citations
65	Rosiglitazone reduces glucose-induced oxidative stress mediated by NAD(P)H oxidase via AMPK-dependent mechanism. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 2627-33	9.4	188
64	One-dimensional and two-dimensional coordination polymers from self-assembling of trinuclear triangular Cu(II) secondary building units. <i>Inorganic Chemistry</i> , 2005 , 44, 6265-76	5.1	137
63	Synthesis and photochemical applications of processable polymers enclosing photoluminescent carbon quantum dots. <i>ACS Nano</i> , 2015 , 9, 4156-64	16.7	112
62	Spontaneous self-assembly of an unsymmetric trinuclear triangular copper(II) pyrazolate complex, [Cu3(micro3-OH)(micro-pz)3(MeCOO)2(Hpz)] (Hpz = pyrazole). synthesis, experimental and theoretical characterization, reactivity, and catalytic activity. <i>Inorganic Chemistry</i> , 2004 , 43, 5865-76	5.1	109
61	Spectroscopic Insights into Carbon Dot Systems. <i>Journal of Physical Chemistry Letters</i> , 2017 , 8, 2236-2244	8.4	87
60	Solvent Polarity and pH Effects on the Magnetic Properties of Ionizable Nitroxide Radicals: A Combined Computational and Experimental Study of 2,2,5,5-Tetramethyl-3-carboxypyrrolidine and 2,2,6,6-Tetramethyl-4-carboxypiperidine Nitroxides. <i>Journal of Physical Chemistry A</i> , 2002 , 106, 10700-10706	2.8	77
59	Insulin generates free radicals by an NAD(P)H, phosphatidylinositol 3Rkinase-dependent mechanism in human skin fibroblasts ex vivo. <i>Diabetes</i> , 2004 , 53, 1344-51	0.9	67
58	Circulating levels and characterization of microparticles in patients with different degrees of glucose tolerance. <i>Cardiovascular Diabetology</i> , 2017 , 16, 118	8.7	41
57	Magnetic properties and vapochromic reversible guest-induced transformation in a bispyrazolato copper(II) polymer: an experimental and dispersion-corrected density functional theory study. <i>Inorganic Chemistry</i> , 2009 , 48, 4044-51	5.1	40
56	Unraveling solvent-driven equilibria between alpha- and 3(10)-helices through an integrated spin labeling and computational approach. <i>Journal of the American Chemical Society</i> , 2007 , 129, 11248-58	16.4	39
55	Synthesis and magnetic properties of N@C60 derivatives. <i>Chemical Physics Letters</i> , 2006 , 422, 100-105	2.5	39
54	Effect of residual catalyst on solar cells made of a fluorene-thiophene-benzothiadiazole copolymer as electron-donor: A combined electrical and photophysical study. <i>Organic Electronics</i> , 2012 , 13, 550-559	3.5	37
53	Electron spin polarization of functionalized fullerenes. Reversed quartet mechanism. <i>Journal of Physical Chemistry A</i> , 2005 , 109, 11144-54	2.8	37
52	Micellar aggregation of alkyltrimethylammonium bromide surfactants studied by electron paramagnetic resonance of an anionic nitroxide. <i>Physical Chemistry Chemical Physics</i> , 2003 , 5, 4204	3.6	37
51	Solar cells based on a fullerene-azothiophene dyad. <i>Chemical Communications</i> , 2002 , 2028-9	5.8	37
50	Vitamin C prevents zidovudine-induced NAD(P)H oxidase activation and hypertension in the rat. <i>Cardiovascular Research</i> , 2007 , 73, 432-8	9.9	36
49	Ab initio modeling of CW-ESR spectra of the double spin labeled peptide Fmoc-(Aib-Aib-TOAC)2-Aib-OMe in acetonitrile. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 2668-74	3.4	30

48	Evidence of high charge mobility in photoirradiated polythiophene fullerene composites. <i>Journal of Materials Chemistry</i> , 2001 , 11, 981-983		30
47	Time-Resolved EPR of Photoinduced Excited States in a Semiconducting Polymer/PCBM Blend. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 1554-1560	3.8	28
46	Thia-bridged triarylamine heterohelicene radical cations as redox-driven molecular switches. <i>Chemical Communications</i> , 2015 , 51, 11452-4	5.8	25
45	Boosting carbon quantum dots/fullerene electron transfer via surface group engineering. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 31286-31295	3.6	25
44	Stochastic modeling of CW-ESR spectroscopy of [60]fulleropyrrolidine bisadducts with nitroxide probes. <i>Journal of the American Chemical Society</i> , 2006 , 128, 4734-41	16.4	25
43	First observation of the hyperfine structure of an excited quintet state in liquid solution. <i>Chemical Communications</i> , 2005 , 2128-30	5.8	24
42	Crystal violet: Study of the photo-fading of an early synthetic dye in aqueous solution and on paper with HPLC-PDA, LC-MS and FORS. <i>Journal of Physics: Conference Series</i> , 2010 , 231, 012011	0.3	23
41	Investigation of the inner environment of carbon nanotubes with a fullerene-nitroxide probe. <i>Small</i> , 2008 , 4, 350-6	11	23
40	Insulin generates free radicals in human fibroblasts ex vivo by a protein kinase C-dependent mechanism, which is inhibited by pravastatin. <i>Free Radical Biology and Medicine</i> , 2006 , 41, 473-83	7.8	23
39	Electron spin polarization of doublet state species due to interaction with excited triplet states in single crystals. <i>Applied Magnetic Resonance</i> , 1994 , 7, 257-269	0.8	21
38	Thermoinduced lipid oxidation of a culinary oil: a kinetic study of the oxidation products by magnetic resonance spectroscopies. <i>Journal of Physical Chemistry A</i> , 2010 , 114, 10059-65	2.8	20
37	Chemically induced dynamic electron polarization of C60 nitroxide bisadducts and spin multiplicity of their excited states. <i>Applied Magnetic Resonance</i> , 2001 , 20, 71-83	0.8	20
36	Transient EPR emission spectra of a free radical trapped in a single crystal of chloranil. <i>Chemical Physics Letters</i> , 1993 , 210, 355-361	2.5	20
35	Peptide-Driven Charge-Transfer Organogels Built from Synergetic Hydrogen Bonding and Pyrene-Naphthalenediimide Donor-Acceptor Interactions. <i>Chemistry - A European Journal</i> , 2018 , 24, 2920-2928	4.8	18
34	Probing photoinduced electron-transfer in graphene-dye hybrid materials for DSSC. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 27716-27724	3.6	18
33	TR-EPR of single and double spin labelled C60 derivatives: observation of quartet and quintet excited states in solution. <i>Molecular Physics</i> , 2006 , 104, 1543-1550	1.7	18
32	Synthesis, EPR and ENDOR of [60]fulleropyrrolidine bisadducts with nitroxide addends: magnitude and sign of the exchange interaction. <i>ChemPhysChem</i> , 2002 , 3, 527-31	3.2	18
31	A study of the microstructural and diffusion properties of poly(vinyl alcohol) cryogels containing surfactant supramolecular aggregates. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 23031-40	3.4	17

30	Synthesis, photophysics, and photoresponse of fullerene-based azoaromatic dyads. <i>Chemistry - A European Journal</i> , 2005 , 11, 5765-76	4.8	16
29	The critical role of interfacial dynamics in the stability of organic photovoltaic devices. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 8294-300	3.6	15
28	Hybrid Organic/Inorganic Perovskite-Polymer Nanocomposites: Toward the Enhancement of Structural and Electrical Properties. <i>Journal of Physical Chemistry Letters</i> , 2017 , 8, 5981-5986	6.4	15
27	W-band transient EPR and photoinduced absorption on spin-labeled fullerene derivatives. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 3942-51	3.6	15
26	CIDEP of fullerene C60 biradical bisadducts by intramolecular triplet-triplet quenching: a novel spin polarization mechanism for biradicals. <i>Chemical Physics Letters</i> , 2000 , 330, 287-292	2.5	15
25	Time resolved EPR of triplet excitons in Phenazine-TCNQ charge transfer crystal. <i>Applied Magnetic Resonance</i> , 1992 , 3, 797-813	0.8	15
24	A fullerene-based dyad for organic photovoltaic cells. <i>Applied Physics A: Materials Science and Processing</i> , 2004 , 79, 51-58	2.6	14
23	Stabilization of catalytic sol ^{gel} entrapped perruthenate. <i>Tetrahedron Letters</i> , 2008 , 49, 419-423	2	12
22	Time-resolved electron paramagnetic resonance of photoinduced ion pairs in blends of polythiophene and fullerene derivatives. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 13431-5	3.4	12
21	A fullerene-azothiophene dyad for photovoltaics. <i>Synthetic Metals</i> , 2003 , 139, 585-588	3.6	12
20	Intermolecular electron transfer in merocyanine aggregates studied by optical and transient EPR methods. <i>Physical Chemistry Chemical Physics</i> , 2001 , 3, 1736-1742	3.6	12
19	Dynamics of a nitroxide layer grafted onto porous silicon. <i>Langmuir</i> , 2010 , 26, 1889-93	4	11
18	TR-EPR of single and double spin-labeled C60 derivatives in frozen matrices. <i>Applied Magnetic Resonance</i> , 2006 , 30, 577-590	0.8	11
17	Angiotensin II-induced over-activation of p47phox in fibroblasts from hypertensives: which role in the enhanced ERK1/2 responsiveness to angiotensin II?. <i>Journal of Hypertension</i> , 2005 , 23, 793-800	1.9	11
16	Spin-labeled fulleropyrrolidines. <i>Comptes Rendus Chimie</i> , 2006 , 9, 909-915	2.7	10
15	Thermo-induced lipid oxidation of a culinary oil: The effect of materials used in common food processing on the evolution of oxidised species. <i>Food Chemistry</i> , 2012 , 133, 754-759	8.5	9
14	Unexpected high ordering of a [60]Fullerene nitroxide in the nematic phase of 4-4'-azoxyanisole. <i>Liquid Crystals</i> , 2002 , 29, 203-208	2.3	9
13	Synthesis and conformational characterisation of hexameric α -peptide foldamers by using double POAC spin labelling and cw-EPR. <i>Chemistry - A European Journal</i> , 2010 , 16, 11160-6	4.8	8

12	The Orientation of the Principal Axes of the Electron Dipolar Interaction Tensor in Triplet State C ₆₀ Monoadducts. <i>Molecular Crystals and Liquid Crystals</i> , 2003 , 394, 31-43	0.5	8
11	Time-resolved EPR study of spin polarization and dynamics of F ⁺ centres in additively coloured CaO crystals. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1994 , 90, 3267		8
10	Engineering interactions in QDs-PCBM blends: a surface chemistry approach. <i>Nanoscale</i> , 2018 , 10, 11913-11928		
9	Time resolved EPR of [70]fullerene monoadducts in the photoexcited triplet state. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 14358-64	3.6	7
8	The first observation of electron spin polarization in the excited triplet states caused by the triplet-triplet annihilation. <i>Applied Magnetic Resonance</i> , 2005 , 28, 181-193	0.8	7
7	Tuning the Electron-Acceptor Properties of [60]Fullerene by Tailored Functionalization for Application in Bulk Heterojunction Solar Cells. <i>Asian Journal of Organic Chemistry</i> , 2016 , 5, 676-684	3	6
6	A film-forming graphene/diketopyrrolopyrrole covalent hybrid with far-red optical features: Evidence of photo-stability. <i>Synthetic Metals</i> , 2019 , 258, 116201	3.6	5
5	The central role of ligands in electron transfer from perovskite nanocrystals. <i>MRS Advances</i> , 2017 , 2, 2327-2335	0.7	4
4	Optical spectrum of C ₆₀ mono-adducts: assignment of transition bands using time-resolved EPR magneto-photo-selection. <i>Photochemical and Photobiological Sciences</i> , 2006 , 5, 1177-82	4.2	4
3	Time Resolved EPR of Excited Triplet C ₆₀ Aligned in Nematic Liquid Crystals. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 9491-9497	3.4	4
2	Laser light polarization plastic visualizer: light scattering distribution and anisotropy. <i>RSC Advances</i> , 2013 , 3, 7677	3.7	3
1	Control of Electron Transfer Processes in Multidimensional Arylamine-Based Mixed-Valence Compounds by Molecular Backbone Design. <i>Journal of Physical Chemistry A</i> , 2021 , 125, 7840-7851	2.8	2