

# Florent Di Meo

## List of Publications by Year in descending order

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42  
papers

1,421  
citations

361296

20  
h-index

330025

37  
g-index

47  
all docs

47  
docs citations

47  
times ranked

2394  
citing authors

#	ARTICLE	IF	CITATIONS
1	Free Radical Scavenging by Natural Polyphenols: Atom versus Electron Transfer. <i>Journal of Physical Chemistry A</i> , 2013, 117, 2082-2092.	1.1	224
2	Designing NHC-Copper(I) Dipyridylamine Complexes for Blue Light-Emitting Electrochemical Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 14678-14691.	4.0	113
3	NHC Copper(I) Complexes Bearing Dipyridylamine Ligands: Synthesis, Structural, and Photoluminescent Studies. <i>Inorganic Chemistry</i> , 2014, 53, 9181-9191.	1.9	96
4	Free Radical Scavenging Properties of Guaiacol Oligomers: A Combined Experimental and Quantum Study of the Guaiacyl-Moiety Role. <i>Journal of Physical Chemistry A</i> , 2009, 113, 13881-13891.	1.1	76
5	Highlights on Anthocyanin Pigmentation and Copigmentation: A Matter of Flavonoid $\pi$ -Stacking Complexation To Be Described by DFT-D. <i>Journal of Chemical Theory and Computation</i> , 2012, 8, 2034-2043.	2.3	71
6	Antioxidant properties of phenolic Schiff bases: structure-activity relationship and mechanism of action. <i>Journal of Computer-Aided Molecular Design</i> , 2013, 27, 951-964.	1.3	70
7	Unravelling the immunopathological mechanisms of heavy chain deposition disease with implications for clinical management. <i>Kidney International</i> , 2017, 91, 423-434.	2.6	66
8	Bottom-Up Hierarchical Self-Assembly of Chiral Porphyrins through Coordination and Hydrogen Bonds. <i>Journal of the American Chemical Society</i> , 2015, 137, 15795-15808.	6.6	51
9	Tuning color variation in grape anthocyanins at the molecular scale. <i>Food Chemistry</i> , 2013, 141, 4349-4357.	4.2	50
10	In silico pharmacology: Drug membrane partitioning and crossing. <i>Pharmacological Research</i> , 2016, 111, 471-486.	3.1	50
11	Application of recent double-hybrid density functionals to low-lying singlet-singlet excitation energies of large organic compounds. <i>Journal of Chemical Physics</i> , 2013, 139, 164104.	1.2	41
12	Binding modes of a core-extended metalloporphyrin to human telomeric DNA G-quadruplexes. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 2453-2463.	1.5	36
13	Role of the Bridging Group in Bis-Pyridyl Ligands: Enhancing Both the Photo- and Electroluminescent Features of Cationic (IPr)Cu <sup>I</sup> Complexes. <i>Chemistry - A European Journal</i> , 2017, 23, 16328-16337.	1.7	36
14	Influence of a Flavan-3-ol Substituent on the Affinity of Anthocyanins (Pigments) toward Vinylcatechin Dimers and Proanthocyanidins (Copigments). <i>Journal of Physical Chemistry B</i> , 2012, 116, 14089-14099.	1.2	31
15	Photoprotective capacities of lichen metabolites: A joint theoretical and experimental study. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2012, 111, 17-26.	1.7	31
16	Impact of lipid composition and photosensitizer hydrophobicity on the efficiency of light-triggered liposomal release. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 11460-11473.	1.3	29
17	Optical properties of wine pigments: theoretical guidelines with new methodological perspectives. <i>Tetrahedron</i> , 2015, 71, 3079-3088.	1.0	28
18	Stereochemistry and Conformation of Skyllamycin, a Non-Ribosomally Synthesized Peptide from <i>Streptomyces</i> sp. Acta 2897. <i>Chemistry - A European Journal</i> , 2014, 20, 4948-4955.	1.7	25

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19	Consequences of conformational flexibility in hydrogen-bond-driven self-assembly processes. <i>Chemical Communications</i> , 2016, 52, 10870-10873.	2.2	25
20	Antioxidant-Inspired Drug Discovery: Antitumor Metabolite Is Formed in Situ from a Hydroxycinnamic Acid Derivative upon Free-Radical Scavenging. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 1657-1668.	2.9	25
21	H <sub>2</sub> O <sub>2</sub> acceptor capacity of free radicals used in antioxidant measurements. <i>International Journal of Quantum Chemistry</i> , 2011, 111, 1131-1142.	1.0	20
22	DNA Electronic Circular Dichroism on the Inter-Base Pair Scale: An Experimental/Theoretical Case Study of the AT Homo-Oligonucleotide. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 355-359.	2.1	20
23	Chemoenzymatic Preparation and Biophysical Properties of Sulfated Quercetin Metabolites. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2231.	1.8	20
24	Diastereoselective Synthesis of C <sub>60</sub> /Steroid Conjugates. <i>Journal of Organic Chemistry</i> , 2013, 78, 2819-2826.	1.7	19
25	Structural patterns of the human ABCC4/MRP4 exporter in lipid bilayers rationalize clinically observed polymorphisms. <i>Pharmacological Research</i> , 2018, 133, 318-327.	3.1	19
26	Regio- and Stereocontrolled Synthesis of Oligostilbenoids: Theoretical Highlights at the Supramolecular Level. <i>Journal of Natural Products</i> , 2013, 76, 538-546.	1.5	15
27	<i>cis</i> → <i>trans</i> Isomerization of silybins A and B. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 1047-1063.	1.3	15
28	Atomistic Picture of Fluorescent Probes with Hydrocarbon Tails in Lipid Bilayer Membranes: An Investigation of Selective Affinities and Fluorescent Anisotropies in Different Environmental Phases. <i>Langmuir</i> , 2018, 34, 9072-9084.	1.6	15
29	Binding Modes and Selectivity of Ruthenium Complexes to Human Telomeric DNA G-Quadruplexes. <i>Chemistry - A European Journal</i> , 2018, 24, 15577-15588.	1.7	13
30	π-Stacked polyphenolic dimers: A case study using dispersion-corrected methods. <i>Chemical Physics Letters</i> , 2013, 578, 120-125.	1.2	11
31	Combining (Non)linear Optical and Fluorescence Analysis of DiD To Enhance Lipid Phase Recognition. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 5350-5359.	2.3	11
32	Nitrone-Trolox conjugate as an inhibitor of lipid oxidation: Towards synergistic antioxidant effects. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 1489-1501.	1.4	11
33	Dimerization of quercetin, Diels-Alder vs. radical-coupling approach: a joint thermodynamics, kinetics, and topological study. <i>Journal of Molecular Modeling</i> , 2016, 22, 190.	0.8	10
34	Insights into the structure and function of the human organic anion transporter 1 in lipid bilayer membranes. <i>Scientific Reports</i> , 2022, 12, 7057.	1.6	8
35	Reactivities of MeO-substituted PBN-type nitrones. <i>New Journal of Chemistry</i> , 2019, 43, 15754-15762.	1.4	6
36	Structure and Dynamics of Dioleoyl-Phosphatidylcholine Bilayers under the Influence of Quercetin and Rutin. <i>Langmuir</i> , 2020, 36, 11776-11786.	1.6	6

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37	Acylglucuronide in alkaline conditions: migration vs. hydrolysis. <i>Journal of Molecular Modeling</i> , 2013, 19, 2423-2432.	0.8	5
38	Deciphering the Peculiar Behavior of $\hat{1}^2$ -Lapachone in Lipid Monolayers and Bilayers. <i>Langmuir</i> , 2019, 35, 14603-14615.	1.6	5
39	Effect of CFTR correctors on the traffic and the function of intracellularly retained ABCB4 variants. <i>Liver International</i> , 2021, 41, 1344-1357.	1.9	4
40	Unraveling the performance of dispersion-corrected functionals for the accurate description of weakly bound natural polyphenols. <i>Journal of Molecular Modeling</i> , 2015, 21, 291.	0.8	2
41	A Novel Nitron-Trolox Conjugate Inhibits Membrane Lipid Oxidation Through Synergistic Antioxidant Effects. <i>Biophysical Journal</i> , 2019, 116, 227a.	0.2	1
42	GASP $\hat{1}$ and GASP $\hat{2}$ , two closely structurally related proteins with a functional duality in antitrypsin inhibition specificity: a mechanistic point of view. <i>FEBS Journal</i> , 2020, 287, 909-924.	2.2	1