

# Yann Danten

## List of Publications by Year in descending order

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24  
papers

637  
citations

623734

14  
h-index

642732

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

719  
citing authors

#	ARTICLE	IF	CITATIONS
1	Breaking the Structure of Liquid Hydrogenated Alcohols Using Perfluorinated <i>tert</i> -Butanol: A Multitechnique Approach (Infrared, Raman, and X-ray Scattering) Analyzed by DFT and Molecular Dynamics Calculations. <i>Journal of Physical Chemistry B</i> , 2022, 126, 1992-2004.	2.6	8
2	Gaseous hetero dimers of perfluoro <i>tert</i> -butyl alcohol with hydrogenated alcohols by infrared spectroscopy and quantum DFT calculations. <i>Chemical Physics</i> , 2021, 544, 111110.	1.9	4
3	The structure of liquid perfluoro <i>Tert</i> -Butanol using Infrared, Raman and X-Ray scattering analyzed by quantum DFT calculations and molecular Dynamics. <i>Chemical Physics Letters</i> , 2021, 779, 138844.	2.6	3
4	A tool for deciphering the redox potential ranking of organic compounds: a case study of biomass-extracted quinones for sustainable energy. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 20212-20226.	2.8	4
5	Solvation of AgTFSI in 1-ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide ionic liquid investigated by vibrational spectroscopy and DFT calculations. <i>Journal of Raman Spectroscopy</i> , 2016, 47, 449-456.	2.5	20
6	Electrodeposition of copper thin films from 1-ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide. <i>Journal of Applied Electrochemistry</i> , 2015, 45, 87-93.	2.9	23
7	Electrodeposition of nanocrystalline copper thin films from 1-ethyl-3-methylimidazolium ethylsulphate ionic liquid. <i>Journal of Applied Electrochemistry</i> , 2014, 44, 189-198.	2.9	16
8	Understanding chemical reactions of CO <sub>2</sub> and its isoelectronic molecules with 1-butyl-3-methylimidazolium acetate by changing the nature of the cation: The case of CS <sub>2</sub> in 1-butyl-1-methylpyrrolidinium acetate studied by NMR spectroscopy and density functional theory calculations. <i>Journal of Chemical Physics</i> , 2014, 140, 244307.	3.0	22
9	On the chemical reactions of carbon dioxide isoelectronic molecules CS <sub>2</sub> and OCS with 1-butyl-3-methylimidazolium acetate. <i>Chemical Communications</i> , 2013, 49, 11083.	4.1	17
10	Experimental and theoretical studies of tetramethoxy- <i>p</i> -benzoquinone: infrared spectra, structural and lithium insertion properties. <i>RSC Advances</i> , 2013, 3, 19081.	3.6	21
11	CO <sub>2</sub> in 1-Butyl-3-methylimidazolium Acetate. 2. NMR Investigation of Chemical Reactions. <i>Journal of Physical Chemistry A</i> , 2012, 116, 4890-4901.	2.5	100
12	On the spontaneous carboxylation of 1-butyl-3-methylimidazolium acetate by carbon dioxide. <i>Chemical Communications</i> , 2012, 48, 1245-1247.	4.1	94
13	Evolution with the density of CO <sub>2</sub> clustering studied by Raman spectroscopy. <i>Journal of Molecular Liquids</i> , 2010, 153, 15-19.	4.9	14
14	Bringing together fundamental and applied science: The supercritical fluids route. <i>Journal of Molecular Liquids</i> , 2006, 125, 88-99.	4.9	35
15	Solute-solvent interactions governing preferential solvation phenomena of acetaminophen in CO <sub>2</sub> -expanded organic solutions. <i>Journal of Supercritical Fluids</i> , 2006, 38, 295-305.	3.2	14
16	Synergistic Enhancement of the Solubility of Hexamethylenetetramine in Subcritical CO <sub>2</sub> -Ethanol Mixtures Studied by Infrared Spectroscopy. <i>ChemPhysChem</i> , 2005, 6, 587-590.	2.1	8
17	Molecular Insight, through IR Spectroscopy, on Solvating Phenomena Occurring in CO <sub>2</sub> -Expanded Solutions. <i>ChemPhysChem</i> , 2004, 5, 243-245.	2.1	25
18	A structural study of the hexafluorobenzene from liquid to supercritical conditions using neutron diffraction and molecular dynamics. <i>Journal of Chemical Physics</i> , 2001, 115, 4239-4248.	3.0	11

#	ARTICLE	IF	CITATIONS
19	Evolution of the Local Order in 1,3,5-Trifluorobenzene from the Liquid State up to Supercritical Conditions. <i>Journal of Physical Chemistry A</i> , 2000, 104, 10986-10993.	2.5	5
20	Structural Investigations of Liquid Binary Mixtures: Neutron Diffraction and Molecular Dynamics Studies of Benzene, Hexafluorobenzene, and 1,3,5-Trifluorobenzene. <i>Journal of Physical Chemistry B</i> , 1998, 102, 10712-10723.	2.6	38
21	Neutron Diffraction and Molecular Dynamics Study of Liquid Benzene and Its Fluorinated Derivatives as a Function of Temperature. <i>Journal of Physical Chemistry B</i> , 1997, 101, 6977-6987.	2.6	79
22	A far infrared study of water diluted in hydrophobic solvents. <i>Molecular Physics</i> , 1995, 84, 769-785.	1.7	38
23	A far infrared study of benzene-fluorinated benzene binary mixtures. <i>Chemical Physics</i> , 1994, 184, 225-231.	1.9	35
24	Relating Electrochemistry of New Organic Materials for Batteries and Fundamental Understanding through DFT Calculations. <i>Advances in Science and Technology</i> , 0, , .	0.2	3