

Stefano Ottani

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9077908/publications.pdf>

Version: 2024-02-01

42
papers

1,254
citations

394421

19
h-index

361022

35
g-index

43
all docs

43
docs citations

43
times ranked

1139
citing authors

#	ARTICLE	IF	CITATIONS
1	What Happens during the Picosecond Lifetime of 2A1 Cyclohexa-1,3-diene? A CAS-SCF Study of the Cyclohexadiene/Hexatriene Photochemical Interconversion. <i>Journal of the American Chemical Society</i> , 1994, 116, 10141-10151.	13.7	141
2	Densities, Viscosities, and Refractive Indices of Poly(ethylene glycol) 200 and 400 + Cyclic Ethers at 303.15 K. <i>Journal of Chemical & Engineering Data</i> , 2002, 47, 1197-1204.	1.9	138
3	Molecular "Trigger" for the Radiationless Deactivation of Photoexcited Conjugated Hydrocarbons. <i>Journal of the American Chemical Society</i> , 1995, 117, 11584-11585.	13.7	107
4	Densities, Viscosities, and Refractive Indices of Binary Mixtures Containing n-Hexane + Components of Pine Resins and Essential Oils at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2002, 47, 93-97.	1.9	86
5	Excess Molar Enthalpies of Binary Mixtures Containing Glycols or Polyglycols + Dimethyl Sulfoxide at 308.15 K. <i>Journal of Chemical & Engineering Data</i> , 2003, 48, 995-998.	1.9	58
6	A close-up on doxorubicin binding to β -cyclodextrin: an elucidating spectroscopic, photophysical and conformational study. <i>RSC Advances</i> , 2012, 2, 2346.	3.6	53
7	Densities, Viscosities, Refractive Indices, and Excess Molar Enthalpies of Binary Mixtures Containing Poly(ethylene glycol) 200 and 400 + Dimethoxymethane and + 1,2-Dimethoxyethane at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2002, 47, 1226-1231.	1.9	50
8	Substituent Effects in Buta-1,3-diene Photochemistry: A CAS-SCF Study of 2,3-Dimethylbutadiene and 2-Cyanobutadiene Excited-State Reaction Paths. <i>Journal of the American Chemical Society</i> , 1994, 116, 2034-2048.	13.7	47
9	Chiral recognition of 2-(3-benzoylphenyl)propionic acid (ketoprofen) by serum albumin: an investigation with microcalorimetry, circular dichroism and molecular modelling. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 9104.	2.8	39
10	Raman and SERS study on atrazine, prometryn and simetryn triazine herbicides. <i>Journal of Molecular Structure</i> , 2013, 1040, 139-148.	3.6	38
11	Complexes of the antitumoral drugs Doxorubicin and Sabarubicin with telomeric G-quadruplex in basket conformation: ground and excited state properties. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1326-1337.	2.9	28
12	Isothermal Vapor-Liquid Equilibria of Dimethyl Carbonate + Diethyl Carbonate in the Range (313.15 to) Tj ETQq0 0.0 rgBT /Qverlock 10	1.9	27
13	Correlation of density and refraction index for liquid binary mixtures containing polyglycols. Use of the group contributions in the Lorentz-Lorenz, Gladstone-Dale and Vogel equations to evaluate the density of mixtures. <i>Journal of Molecular Liquids</i> , 2007, 133, 125-133.	4.9	27
14	Cyclodextrin-based nanocarriers containing a synergic drug combination: A potential formulation for pulmonary administration of antitubercular drugs. <i>International Journal of Pharmaceutics</i> , 2017, 531, 577-587.	5.2	26
15	Two-stage drawing of high-molecular-weight polyethylene reactor powder. <i>Polymer</i> , 1991, 32, 1776-1781.	3.8	25
16	Thermodynamic Study of Binary Mixtures Containing Glycols or Polyethylene Glycols + Benzyl Alcohol at 308.15 K. <i>Journal of Chemical & Engineering Data</i> , 2004, 49, 363-367.	1.9	25
17	A calorimetric investigation on high molecular weight polyethylene reactor powders. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1991, 29, 1179-1188.	2.1	24
18	SAXS Investigations on Relationships between Synthesis Conditions and Solid State Drawability of High Molecular Weight Polyethylene Nascent Reactor Powders. <i>Sintering and Annealing of Powders. Macromolecules</i> , 1995, 28, 2411-2423.	4.8	22

#	ARTICLE	IF	CITATIONS
19	Excess Molar Enthalpies and Excess Molar Volumes of Dimethyl Carbonate + Seven Alkyl Acetates at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 1997, 42, 1208-1211.	1.9	21
20	Excess molar enthalpies of binary mixtures containing poly(ethylene glycol) 200+four cyclic ethers at (288.15, 298.15 and 313.15) K and at atmospheric pressure. <i>Thermochimica Acta</i> , 2003, 401, 87-93.	2.7	21
21	Excess Molar Enthalpies and Excess Molar Volumes of Binary Mixtures Containing 1,3-Dioxolane + Four Pairs of Alkyl Alkanoate Isomers at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 1998, 43, 815-818.	1.9	20
22	Excess Molar Enthalpies of Binary Mixtures Containing Propylene Carbonate + 23 Alkanoates at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 1998, 43, 333-336.	1.9	20
23	Densities, Viscosities, and Excess Molar Enthalpies of Propylene Carbonate + Anisole or + Phenetole at (293.15, 303.15, and 313.15) K. <i>Journal of Chemical & Engineering Data</i> , 2001, 46, 125-129.	1.9	19
24	Densities, Viscosities, and Refractive Indices of New Mixtures of Poly(ethylene glycols) + Dialkyl Carbonates at 313.15 K. <i>Journal of Chemical & Engineering Data</i> , 2004, 49, 148-154.	1.9	17
25	Excess Enthalpies, Densities, Viscosities, and Refractive Indices of Binary Mixtures Involving Some Poly(glycols) + Diethyl Carbonate at 308.15 K. <i>Journal of Chemical & Engineering Data</i> , 2004, 49, 970-975.	1.9	17
26	Licochalcone A bound to bovine serum albumin: a spectroscopic, photophysical and structural study. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 805-813.	2.9	16
27	A raman LAM study of lamellar thickness of virgin polyethylene powder. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1991, 29, 1189-1192.	2.1	15
28	Excess Molar Enthalpies and Excess Molar Volumes of Dialkyl Carbonates + Acetic or Propionic Acid at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 1997, 42, 702-704.	1.9	15
29	SAXS Investigations on Uniaxially Drawn Fibers Obtained from Polyethylene Reactor Powder. <i>Macromolecules</i> , 1996, 29, 3292-3299.	4.8	14
30	Excess enthalpies of binary mixtures containing poly(propylene glycols)+benzyl alcohol, or +m-cresol, or +anisole at 308.15K and at atmospheric pressure. <i>Thermochimica Acta</i> , 2005, 430, 123-128.	2.7	14
31	Raman and SERS study on ibuprofen metal complexes with biomedical interest. <i>Vibrational Spectroscopy</i> , 2014, 73, 45-55.	2.2	13
32	A calorimetric study of binary mixtures containing some glycols and polyglycols+anisole at 308.15 K and at atmospheric pressure. <i>Thermochimica Acta</i> , 2003, 407, 85-92.	2.7	11
33	Vapor-liquid equilibria in binary systems containing 1,3-dioxolane at isobaric conditions. 6. Binary mixtures of 1,3-dioxolane with acetone. <i>Journal of Chemical & Engineering Data</i> , 1984, 29, 283-284.	1.9	10
34	A latent entanglement model for the draw of semicrystalline polymers. <i>Macromolecular Rapid Communications</i> , 1995, 16, 813-819.	3.9	8
35	Circular dichroism and theoretical studies on the inclusion of the antimalarian drug Licochalcone-A in β -cyclodextrin. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007, 57, 279-282.	1.6	8
36	Surface enhanced Raman scattering and quantum-mechanical calculations on self-assembling oligopeptides. <i>Journal of Raman Spectroscopy</i> , 2018, 49, 982-996.	2.5	8

#	ARTICLE	IF	CITATIONS
37	Excess molar enthalpies, densities and excess molar volumes for binary mixtures containing dimethyl carbonate or diethyl carbonate + 2,2,4-trimethylpentane at 288.15, 298.15, and 313.5 K, and at atmospheric pressure. Application of an extended cell model. <i>Thermochimica Acta</i> , 1996, 277, 121-132.	2.7	7
38	Anti-inflammatory drugs. IX.. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001, 57, 437-438.	0.4	6
39	SERS Investigation on Oligopeptides Used as Biomimetic Coatings for Medical Devices. <i>Biomolecules</i> , 2021, 11, 959.	4.0	5
40	Latent skin in asymmetric loeb-type hollow fiber membrane. <i>Polymer Engineering and Science</i> , 1988, 28, 113-119.	3.1	4
41	A Latent Entanglement Model: Effects of Irregularities of the Crystallite Surface on Polymer Draw. <i>Macromolecules</i> , 1996, 29, 5326-5331.	4.8	2
42	Anti-inflammatory drugs. X.. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001, 57, 1182-1183.	0.4	2