

Yohann Corvis

List of Publications by Year in descending order

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49
papers

942
citations

394421

19
h-index

477307

29
g-index

53
all docs

53
docs citations

53
times ranked

1254
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparing Catalytic Surfaces for Sensing Applications by Immobilizing Enzymes via Hydrophobin Layers. <i>Analytical Chemistry</i> , 2005, 77, 1622-1630.	6.5	67
2	State of the Art of Pharmaceutical Solid Forms: from Crystal Property Issues to Nanocrystals Formulation. <i>ChemMedChem</i> , 2019, 14, 8-23.	3.2	56
3	Insights into the crystal structure, polymorphism and thermal behavior of menthol optical isomers and racemates. <i>CrystEngComm</i> , 2012, 14, 7055.	2.6	54
4	A Langmuir film approach to elucidating interactions in lipid membranes: 1,2-dipalmitoyl-sn-glycero-3-phosphoethanolamine/cholesterol/metal cation systems. <i>Chemistry and Physics of Lipids</i> , 2006, 144, 127-136.	3.2	50
5	Lidocaine/menthol Binary System: Cocrystallization versus Solid-State Immiscibility. <i>Journal of Physical Chemistry B</i> , 2010, 114, 5420-5426.	2.6	48
6	Interactions of a Fungistatic Antibiotic, Griseofulvin, with Phospholipid Monolayers Used as Models of Biological Membranes. <i>Langmuir</i> , 2006, 22, 7701-7711.	3.5	43
7	Asphaltene Adsorption Mechanisms on the Local Scale Probed by Neutron Reflectivity: Transition from Monolayer to Multilayer Growth above the Flocculation Threshold. <i>Langmuir</i> , 2009, 25, 3991-3998.	3.5	41
8	Calixarenes in a Membrane Environment: A Monolayer Study on the Miscibility of Three p-tert-Butylcalix[4]arene β -Lactam Derivatives with 1,2-Dimyristoyl-sn-glycero-3-phosphoethanolamine. <i>Journal of Physical Chemistry B</i> , 2007, 111, 13231-13242.	2.6	37
9	Advances on non-invasive physically triggered nucleic acid delivery from nanocarriers. <i>Advanced Drug Delivery Reviews</i> , 2019, 138, 3-17.	13.7	30
10	Analytical Investigation of the Interactions between SC3 Hydrophobin and Lipid Layers: Elaborating of Nanostructured Matrixes for Immobilizing Redox Systems. <i>Analytical Chemistry</i> , 2006, 78, 4850-4864.	6.5	29
11	Thermodynamic studies of mixtures for topical anesthesia: Lidocaine-salol binary phase diagram. <i>Thermochimica Acta</i> , 2010, 497, 124-128.	2.7	29
12	Meloxicam and Meloxicam- β -Cyclodextrin Complex in Model Membranes: Effects on the Properties and Enzymatic Lipolysis of Phospholipid Monolayers in Relation to Anti-inflammatory Activity. <i>Langmuir</i> , 2009, 25, 1417-1426.	3.5	26
13	Vitreous State Characterization of Pharmaceutical Compounds Degrading upon Melting by Using Fast Scanning Calorimetry. <i>Journal of Physical Chemistry B</i> , 2015, 119, 6848-6851.	2.6	26
14	New menthol polymorphs identified by flash scanning calorimetry. <i>CrystEngComm</i> , 2015, 17, 5357-5359.	2.6	25
15	Interfacial Approach to Polyaromatic Hydrocarbon Toxicity: Phosphoglyceride and Cholesterol Monolayer Response to Phenanthrene, Anthracene, Pyrene, Chrysene, and Benzo[a]pyrene. <i>Journal of Physical Chemistry B</i> , 2008, 112, 13518-13531.	2.6	24
16	Conception of nanosized hybrid liposome/poloxamer particles to thicken the interior core of liposomes and delay hydrophilic drug delivery. <i>International Journal of Pharmaceutics</i> , 2019, 567, 118488.	5.2	23
17	Degradation of ZnGa ₂ O ₄ :Cr ³⁺ luminescent nanoparticles in lysosomal-like medium. <i>Nanoscale</i> , 2020, 12, 1967-1974.	5.6	23
18	The role of stearic acid in ascorbic acid protection from degradation: a heterogeneous system for homogeneous thermodynamic data. <i>New Journal of Chemistry</i> , 2013, 37, 761.	2.8	21

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19	Preparation of parenteral nanocrystal suspensions of etoposide from the excipient free dry state of the drug to enhance in vivo antitumoral properties. <i>Scientific Reports</i> , 2020, 10, 18059.	3.3	21
20	Physicochemical stability of solid dispersions of enantiomeric or racemic ibuprofen in stearic acid. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 5235-5243.	3.3	19
21	Impact of Aluminum on the Oxidation of Lipids and Enzymatic Lipolysis in Monomolecular Films at the Air/Water Interface. <i>Langmuir</i> , 2007, 23, 3338-3348.	3.5	17
22	Membrane re-arrangements and rippled phase stabilisation by the cell penetrating peptide penetratin. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 2584-2591.	2.6	16
23	Determination of quinacrine dihydrochloride dihydrate stability and characterization of its degradants. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 3223-3232.	3.3	15
24	Influence of particle size on the melting characteristics of organic compounds. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 120, 783-787.	3.6	15
25	Upper-rim alternately tethered β -cyclodextrin molecular receptors: synthesis, metal complexation and interfacial behavior. <i>New Journal of Chemistry</i> , 2009, 33, 554-560.	2.8	14
26	Crystallographic and Pressure-Temperature State Diagram Approach for the Phase Behavior and Polymorphism Study of Glutaric Acid. <i>Crystal Growth and Design</i> , 2013, 13, 723-730.	3.0	14
27	New Melting Data of the Two Polymorphs of Prednisolone. <i>Journal of Physical Chemistry B</i> , 2016, 120, 10839-10843.	2.6	14
28	Preparation and Evaluation of Multiple Nanoemulsions Containing Gadolinium (III) Chelate as a Potential Magnetic Resonance Imaging (MRI) Contrast Agent. <i>Pharmaceutical Research</i> , 2015, 32, 2983-2994.	3.5	13
29	Asphaltene adsorption mechanism under shear flow probed by in situ neutron reflectivity measurements. <i>European Physical Journal: Special Topics</i> , 2012, 213, 295-302.	2.6	11
30	Crystal structure determination and thermal behavior upon melting of p-synephrine. <i>Thermochimica Acta</i> , 2016, 632, 18-22.	2.7	11
31	Persistent luminescence nanoparticles functionalized by polymers bearing phosphonic acid anchors: synthesis, characterization, and <i>in vivo</i> behaviour. <i>Nanoscale</i> , 2022, 14, 1386-1394.	5.6	11
32	Incidence of the melting-degradation process of vitamin C on the determination of the phase diagram with acetaminophen enhanced by high performance liquid chromatography tools. <i>New Journal of Chemistry</i> , 2015, 39, 1938-1942.	2.8	10
33	Incidence of chirality on the properties of mixtures containing an amide type anesthetic compound. <i>Thermochimica Acta</i> , 2012, 539, 39-43.	2.7	9
34	Electron-Donor-Acceptor Fullerene Derivative Retained on Electrodes Using SC3 Hydrophobin. <i>Journal of Physical Chemistry C</i> , 2007, 111, 1176-1179.	3.1	8
35	Complexation of Metal Ions in Langmuir Films Formed with Two Amphiphilic Dioxadithia Crown Ethers. <i>Journal of Physical Chemistry B</i> , 2008, 112, 10953-10963.	2.6	8
36	Comprehensive determination of the solid state stability of bethanechol chloride active pharmaceutical ingredient using combined analytical tools. <i>CrystEngComm</i> , 2013, 15, 7970.	2.6	8

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37	Kinetics of the (solid + solid) transformations for the piracetam trimorphic system: Incidence on the construction of the p $\hat{=}$ T equilibrium phase diagram. <i>Journal of Chemical Thermodynamics</i> , 2016, 97, 167-172.	2.0	8
38	Novel Perfluorinated Triblock Amphiphilic Copolymers for Lipid-Shelled Microbubble Stabilization. <i>Langmuir</i> , 2018, 34, 9744-9753.	3.5	7
39	Interpretation of the global heat of melting in eutectic binary systems. <i>Thermochimica Acta</i> , 2018, 664, 91-99.	2.7	6
40	Editorial: Supramolecular Nanomaterials for Engineering, Drug Delivery, and Medical Applications. <i>Frontiers in Chemistry</i> , 2020, 8, 626468.	3.6	6
41	New Preservative-Free Formulation for the Enhanced Ocular Bioavailability of Prostaglandin Analogues in Glaucoma. <i>Pharmaceutics</i> , 2022, 14, 453.	4.5	6
42	Excess properties of the salol/lidocaine eutectic liquid mixture: Thermodynamic and spectroscopic investigations. <i>Fluid Phase Equilibria</i> , 2012, 315, 107-112.	2.5	5
43	Phase Behavior and Relative Stability of Malonamide Polymorphs. <i>Journal of Physical Chemistry B</i> , 2014, 118, 1925-1931.	2.6	5
44	Asphaltene multilayer growth in porous medium probed by SANS. <i>European Physical Journal: Special Topics</i> , 2009, 167, 171-176.	2.6	4
45	Coating Persistent Luminescence Nanoparticles With Hydrophilic Polymers for in vivo Imaging. <i>Frontiers in Chemistry</i> , 2020, 8, 584114.	3.6	2
46	Characterization of Unknown Solid States of the Drug Substance Quinacrine Dihydrochloride: Two Anhydrous Forms and a Tetrahydrate Revealed. <i>Crystal Growth and Design</i> , 2020, 20, 5261-5268.	3.0	2
47	Scalemic mixtures preparation for optimized composition of ibuprofen solid dosage forms. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 169, 91-96.	4.3	2
48	Thermal Analysis Tools for Physico-Chemical Characterization and Optimization of Perfluorocarbon Based Emulsions and Bubbles Formulated for Ultrasound Imaging. <i>Colloids and Interfaces</i> , 2022, 6, 21.	2.1	1
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