

Claire Bordes

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8226632/publications.pdf>

Version: 2024-02-01

37
papers

1,041
citations

567281

15
h-index

414414

32
g-index

37
all docs

37
docs citations

37
times ranked

1765
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibacterial Properties of Polyphenols: Characterization and QSAR (Quantitative Structure-Activity) Tj ETQq1 1,0,784314,rgBT /Ove	3.5	420
2	Skin toxicity of surfactants: Structure/toxicity relationships. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 469, 166-179.	4.7	96
3	Kinetics and reactional pathway of Imazapyr photocatalytic degradation Influence of pH and metallic ions. Applied Catalysis B: Environmental, 2006, 65, 11-20.	20.2	61
4	Spray-drying Nanocapsules in Presence of Colloidal Silica as Drying Auxiliary Agent: Formulation and Process Variables Optimization Using Experimental Designs. Pharmaceutical Research, 2007, 24, 650-661.	3.5	39
5	Optimization of a single TiO ₂ -coated optical fiber reactor using experimental design. Journal of Photochemistry and Photobiology A: Chemistry, 2004, 168, 161-167.	3.9	38
6	Surface-enhanced Raman spectroscopy using uncoated gold nanoparticles for bacteria discrimination. Journal of Raman Spectroscopy, 2020, 51, 619-629.	2.5	34
7	Photocatalytic Degradation of Diuron: Experimental Analyses and Simulation of HO [•] Radical Attacks by Density Functional Theory Calculations. Journal of Physical Chemistry A, 2009, 113, 6365-6374.	2.5	33
8	Electrokinetic properties of bare or nanoparticle-functionalized textile fabrics. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 397, 24-32.	4.7	27
9	Development and structural characterization of a novel nanoemulsion for oral drug delivery. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 593, 124614.	4.7	24
10	Correlation between the Charge of Polymer Particles in Solution and in the Gas Phase Investigated by Zeta-Potential Measurements and Electrospray Ionization Mass Spectrometry.. Langmuir, 2013, 29, 14074-14081.	3.5	22
11	Stream pollution concentration in riffle geomorphic units (Yzeron basin, France). Science of the Total Environment, 2015, 532, 80-90.	8.0	22
12	Dissolution kinetics of zinc oxide and its relationship with physicochemical characteristics. Powder Technology, 2021, 378, 746-759.	4.2	22
13	Development of enteric polymer-based microspheres by spray-drying for colonic delivery of Lactobacillus rhamnosus GG. International Journal of Pharmaceutics, 2020, 584, 119414.	5.2	19
14	Surface enhanced Raman spectroscopy for bacteria analysis: a review. Applied Spectroscopy Reviews, 2021, 56, 380-422.	6.7	18
15	Urinary signature of anabolic steroids and glucocorticoids in humans by LC-MS. Talanta, 2011, 83, 1769-1773.	5.5	15
16	Development of uncoated near-spherical gold nanoparticles for the label-free quantification of Lactobacillus rhamnosus GG by surface-enhanced Raman spectroscopy. Analytical and Bioanalytical Chemistry, 2019, 411, 5563-5576.	3.7	15
17	Formulation of Pickering emulsions for the development of surfactant-free sunscreen creams. International Journal of Cosmetic Science, 2021, 43, 432-445.	2.6	13
18	Synthesis, molecular properties, anti-inflammatory and anticancer activities of novel 3-hydroxyflavone derivatives. Bioorganic Chemistry, 2019, 89, 103009.	4.1	12

#	ARTICLE	IF	CITATIONS
19	Encapsulation of a pressure sensitive adhesive by spray-cooling: Optimum formulation and processing conditions. <i>Advanced Powder Technology</i> , 2014, 25, 292-300.	4.1	11
20	Effect of interactions of plant phenolics with bovine meat proteins on their antibacterial activity. <i>Food Control</i> , 2018, 90, 189-198.	5.5	11
21	Characterization of surfactant complex mixtures using Raman spectroscopy and signal extraction methods: Application to laundry detergent deformulation. <i>Analytica Chimica Acta</i> , 2016, 915, 36-48.	5.4	9
22	Photochemical behaviour of propranolol in environmental waters: the hydroxylated photoproducts. <i>International Journal of Environmental Analytical Chemistry</i> , 2012, 92, 96-109.	3.3	8
23	Pectin gelation with chlorhexidine: Physico-chemical studies in dilute solutions. <i>Carbohydrate Polymers</i> , 2016, 150, 159-165.	10.2	8
24	Polymer particle adsorption at textile/liquid interfaces: a simple approach for a new functionalization route. <i>Polymer International</i> , 2012, 61, 1127-1135.	3.1	7
25	Data-handling strategies for metabonomic studies: example of the UHPLC-ESI/ToF urinary signature of tetrahydrocannabinol in humans. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 1209-1219.	3.7	7
26	Supersaturable self-microemulsifying delivery systems: an approach to enhance oral bioavailability of benzimidazole anticancer drugs. <i>Drug Delivery and Translational Research</i> , 2021, 11, 675-691.	5.8	7
27	New validation of molecular mass measurements by means of 2D DOSY 1H NMR experiments: Application to surfactants. <i>Comptes Rendus Chimie</i> , 2015, 18, 187-192.	0.5	6
28	Response surface optimization of miniemulsion: application to UV synthesis of hexyl acrylate nanoparticles. <i>Colloid and Polymer Science</i> , 2016, 294, 27-36.	2.1	6
29	Solvent database and in silico classification: A new methodology for solvent substitution and its application for microencapsulation process. <i>International Journal of Pharmaceutics</i> , 2016, 509, 454-464.	5.2	6
30	Identification and absolute quantification of enzymes in laundry detergents by liquid chromatography tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 4669-4681.	3.7	6
31	Development and Comparison of Surface-Enhanced Raman Scattering Gold Substrates for In Situ Characterization of "Model" Analytes in Organic and Aqueous Media. <i>Chemistry Africa</i> , 2019, 2, 309-320.	2.4	6
32	The On-Line Optical Investigation of Concentrated Dispersions in Precipitation and Grinding Processes. <i>KONA Powder and Particle Journal</i> , 2001, 19, 94-108.	1.7	5
33	Determination of surfactant bio-sourced origin by isotope-ratio mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 1108-1114.	1.5	3
34	A design of experiment approach to the sol-gel synthesis of titania monoliths for chromatographic applications. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 1145-1155.	3.7	2
35	Use of designed experiments for the improvement of pre-analytical workflow for the quantification of intracellular nucleotides in cultured cell lines. <i>Journal of Chromatography A</i> , 2015, 1405, 116-125.	3.7	2
36	Optimisation of fragrance finishing on cotton by grafting of β -cyclodextrin based microcapsules: Application of the experimental design methodology. <i>Materials Science-Poland</i> , 2021, 39, 555-569.	1.0	1

#	ARTICLE	IF	CITATIONS
37	Skin absorption of mixed halide anions from concentrated aqueous solutions. European Journal of Pharmaceutical Sciences, 2021, 166, 105985.	4.0	0