

Ioannis Nicolis

List of Publications by Year in descending order

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65
papers

3,573
citations

331538
21
h-index

143943
57
g-index

67
all docs

67
docs citations

67
times ranked

4882
citing authors

#	ARTICLE	IF	CITATIONS
1	Geriatric Nutritional Risk Index: a new index for evaluating at-risk elderly medical patients. American Journal of Clinical Nutrition, 2005, 82, 777-783.	2.2	1,376
2	Almost all about citrulline in mammals. Amino Acids, 2005, 29, 177-205.	1.2	448
3	Aggregation of cyclodextrins: An explanation of the abnormal solubility of β -cyclodextrin. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 1992, 13, 139-143.	1.6	227
4	Dose-ranging effects of citrulline administration on plasma amino acids and hormonal patterns in healthy subjects: the Citrudose pharmacokinetic study. British Journal of Nutrition, 2008, 99, 855-862.	1.2	163
5	Impact of protein pulse feeding on lean mass in malnourished and at-risk hospitalized elderly patients: A randomized controlled trial. Clinical Nutrition, 2013, 32, 186-192.	2.3	120
6	The first example of a substrate spanning the calix[4]arene bilayer: the solid state complex of p-sulfonatocalix[4]arene with L-lysine. Chemical Communications, 2000, , 161-162.	2.2	118
7	Effect of oligofructose supplementation on gut microflora and well-being in young children attending a day care centre. International Journal of Food Microbiology, 2007, 113, 108-113.	2.1	100
8	Germ-free status and altered caecal subdominant microbiota are associated with a high susceptibility to cow's milk allergy in mice. FEMS Microbiology Ecology, 2011, 76, 133-144.	1.3	91
9	Infant gut microbiota is protective against cow's milk allergy in mice despite immature ileal T-cell response. FEMS Microbiology Ecology, 2012, 79, 192-202.	1.3	86
10	Ornithine Aminotransferase, an Important Glutamate-Metabolizing Enzyme at the Crossroads of Multiple Metabolic Pathways. Biology, 2017, 6, 18.	1.3	83
11	β -cyclodextrin/pyridine gel systems. The crystal structure of a first β -cyclodextrin-pyridine water compound. Journal of the American Chemical Society, 1992, 114, 5475-5476.	6.6	56
12	Functional and phylogenetic alterations in gut microbiome are linked to graft-versus-host disease severity. Blood Advances, 2020, 4, 1824-1832.	2.5	54
13	Short-chain fatty acids and polyamines in the pathogenesis of necrotizing enterocolitis: Kinetics aspects in gnotobiotic quails. Anaerobe, 2009, 15, 138-144.	1.0	42
14	Intestinal permeability and fecal eosinophil-derived neurotoxin are the best diagnosis tools for digestive non-IgE-mediated cow's milk allergy in toddlers. Clinical Chemistry and Laboratory Medicine, 2013, 51, 351-361.	1.4	40
15	Arsenite medicinal use, metabolism, pharmacokinetics and monitoring in human hair. Biochimie, 2009, 91, 1260-1267.	1.3	39
16	Formaldehyde Exposure and Lower Respiratory Infections in Infants: Findings from the PARIS Cohort Study. Environmental Health Perspectives, 2011, 119, 1653-1658.	2.8	32
17	First sphere coordination of divalent metal cations by cyclodextrin: structure of the β -cyclodextrin-calcium chloride-water (1/2/11.25) compound. Acta Crystallographica Section B: Structural Science, 1996, 52, 122-130.	1.8	27
18	Copper(II)-L-glutamine complexation study in solid state and in aqueous solution. Inorganica Chimica Acta, 2003, 353, 22-34.	1.2	27

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19	Molecular dynamics study of a phospholipid monolayer at a water/triglyceride interface: towards lipid emulsion modelling. Chemistry and Physics of Lipids, 2009, 157, 86-93.	1.5	27
20	XAS applied to pharmaceuticals: drug administration and bioavailability. Journal of Synchrotron Radiation, 2001, 8, 984-986.	1.0	24
21	Freeze-dried fecal samples are biologically active after long-lasting storage and suited to fecal microbiota transplantation in a preclinical murine model of <i>Clostridioides difficile</i> infection. Gut Microbes, 2020, 11, 1405-1422.	4.3	24
22	Carboplatin and oxaliplatin decomposition in chloride medium, monitored by XAS. Journal of Synchrotron Radiation, 2001, 8, 716-718.	1.0	23
23	Long-lasting improved amino acid bioavailability associated with protein pulse feeding in hospitalized elderly patients: A randomized controlled trial. Nutrition, 2014, 30, 544-550.	1.1	21
24	Molecular dynamics simulation of a mixed lipid emulsion model: Influence of the triglycerides on interfacial phospholipid organization. Computational and Theoretical Chemistry, 2009, 901, 174-185.	1.5	20
25	Molecular composites based on first-sphere coordination of calcium ions by a cyclodextrin. Journal of Physical Organic Chemistry, 2001, 14, 35-37.	0.9	19
26	Effect of an immune-enhancing diet on lymphocyte in head-injured rats: What is the role of arginine?. Intensive Care Medicine, 2007, 33, 1076-1084.	3.9	19
27	A Molecular Composite Containing Organic and Inorganic Components—A Complex from β -Cyclodextrin and Hydrated Magnesium Chloride. Angewandte Chemie International Edition in English, 1995, 34, 2381-2383.	4.4	18
28	EXAFS characterization of oxaliplatin anticancer drug and its degradation in chloride media. Journal of Synchrotron Radiation, 2006, 13, 477-483.	1.0	18
29	Diversity of gut Bifidobacterium species is not altered between allergic and non-allergic French infants. Anaerobe, 2011, 17, 91-96.	1.0	18
30	Three Candidate Probiotic Strains Impact Gut Microbiota and Induce Anergy in Mice with Cow's Milk Allergy. Applied and Environmental Microbiology, 2020, 86, .	1.4	18
31	Molecular organization in the 6-bromo-6-deoxycyclodextrins, formation of molecular layers, and the first crystal structure of a selectivity perfunctionalized .beta.-cyclodextrin. Journal of the American Chemical Society, 1993, 115, 11596-11597.	6.6	16
32	Determinants of the interindividual variability in serum cytidine deaminase activity of patients with solid tumours. British Journal of Clinical Pharmacology, 2019, 85, 1227-1238.	1.1	16
33	Carboplatin decomposition in aqueous solution with chloride ions monitored by X-ray absorption spectroscopy. New Journal of Chemistry, 2000, 24, 1003-1008.	1.4	15
34	Mathematical modeling in metal metabolism: Overview and perspectives. Biochimie, 2009, 91, 1238-1254.	1.3	13
35	β -Cyclodextrin—potassium hydroxide—water (1/1/8). Acta Crystallographica Section C: Crystal Structure Communications, 1991, 47, 1829-1833.	0.4	12
36	Differentiation of biological hydroxyapatite compounds by infrared spectroscopy, x-ray diffraction and extended x-ray absorption fine structure. Journal of Applied Physics, 2001, 90, 6440-6446.	1.1	12

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37	Speciation of New Tri- and Tetra-Glucoconjugated Tetrapyrrolic Macrocycles (Porphyrins and) Tj ETQq1 1 0.784314,rgBT /Overlock 10	1.2	12
38	X-ray crystallographic structure of the two-to-one β -cyclodextrin-acetone. 9H₂O compound. Supramolecular Chemistry, 1994, 3, 251-259.	1.5	11
39	New Insights into Handling Missing Values in Environmental Epidemiological Studies. PLoS ONE, 2014, 9, e104254.	1.1	11
40	Inorganic salt modulation of the aqueous solubility of β -cyclodextrin. Supramolecular Chemistry, 1993, 2, 93-97.	1.5	10
41	X-ray absorption spectroscopy of low-molar-mass metallic complexes in pharmacy. Journal of Synchrotron Radiation, 2003, 10, 96-102.	1.0	10
42	Characterization of stabilized/solidified refinery oily sludge and incinerated refinery sludge with cement using XRD, SEM and EXAFS. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2008, 43, 1144-1156.	0.9	10
43	Diprotonation process of meso-tetraphenylporphyrin derivatives designed for Photodynamic Therapy of cancers: From Multivariate Curve Resolution to predictive QSPR modeling. Analytica Chimica Acta, 2011, 705, 306-314.	2.6	10
44	SYNCHROTRON INDUCED X-RAY FLUORESCENCE, APPLIED TO THE STUDY OF A NEW As BASED DRUG AGAINST LEUKAEMIA. Instrumentation Science and Technology, 2002, 20, 565-570.	0.8	6
45	Gadolinium Acetylacetonate Tetraphenyl Monoporphyrinate Complex and Some of Its Derivatives:â€‰ EXAFS Study and Molecular Dynamics Simulation. Inorganic Chemistry, 2007, 46, 6871-6879.	1.9	6
46	Methodological Study Using XAS of an ArsenicBased Antileukemia Treatment. Physica Scripta, 2005, , 870.	1.2	3
47	A Novel Consideration of Species Distribution of Copper(II)/Histidine System at Physiological pH. Instrumentation Science and Technology, 2005, 33, 551-564.	0.9	3
48	Characterization of the Absorption of Theophylline From Immediate- and Controlled-Release Dosage Forms With a Numerical Approach Using theIn VitroDissolution-Permeation Process Using Caco-2 Cells. Drug Development and Industrial Pharmacy, 2005, 31, 397-404.	0.9	3
49	Statistical Methodology for the Detection of Small Changes in Distances by EXAFS: Application to the Antimalarial Ruthenoquine. Journal of Physical Chemistry A, 2012, 116, 5577-5585.	1.1	3
50	Experience of pain is correlated to treatment profile in patients with rheumatoid arthritis. Differentiating 5 clusters of patients in a national cohort of 1100 women with rheumatoid arthritis. Joint Bone Spine, 2020, 87, 675-676.	0.8	3
51	An in silico model of enterocytic glutamine to citrulline conversion pathway. Amino Acids, 2012, 43, 1727-1737.	1.2	2
52	Comparing Methods for Handling Missing Data. Epidemiology, 2013, 24, 469-471.	1.2	2
53	SAT0571â€‰...Trends in Strong Opioid Analgesic Prescriptions by French Rheumatologists: A Nationwide Survey. Annals of the Rheumatic Diseases, 2016, 75, 876.1-876.	0.5	2
54	Ein molekulares Composite aus organischen und anorganischen Komponenten â€‰ein Komplex aus β -Cyclodextrin und hydratisiertem Magnesiumchlorid. Angewandte Chemie, 1995, 107, 2567-2569.	1.6	1

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55	Tissular and Cellular Microanalysis using Synchrotron Microprobe Techniques. Microscopy and Microanalysis, 2003, 9, 1484-1485.	0.2	1
56	Multiyear analyses of ground-level air contaminants over Paris metropolitan region using real-time observations and air mass backward trajectories. Particuology, 2016, 28, 60-71.	2.0	1
57	Opioid epidemic: Does rheumatological practice favors risk for patients? National survey on rheumatologists's opioid prescriptions and compliance to guidelines for strong opioid prescription. Joint Bone Spine, 2021, 88, 105046.	0.8	1
58	X-Ray and Atomic Force Microscopy Structures of Short Chain Amphiphilic Cyclodextrins. , 1998, , 385-389.		0
59	A NEW BIOINORGANIC COMPLEX: EXAFS ANALYSIS AND MOLECULAR MODELLING OF A BIS-CuBr_2 COMPLEX OF $6\text{A}, 6\text{B}, 6\text{D}, 6\text{E}$ -TETRA- α -NICOTINOYL- β -CYCLODEXTRIN. Journal of Coordination Chemistry, 1999, 47, 541-549.	0.8	0
60	Metals in health: From cell to soil, a multiscale approach. Biochimie, 2009, 91, 1197-1197.	1.3	0
61	Identification of baseline parameters associated with the inter-individual variability in cytidine deaminase serum activity, a key enzyme in the metabolism of pyrimidine analogue. Annals of Oncology, 2016, 27, vi42.	0.6	0
62	Enquête nationale sur la prescription d'opioïdes forts par les rhumatologues français dans les douleurs non cancéreuses. Revue Du Rhumatisme (Edition Francaise), 2016, 83, A97-A98.	0.0	0
63	Towards harmonization of solutions used for cystic fibrosis diagnosis by nasal potential difference measurements: A formulation approach with CHESSE® software. Annales Pharmaceutiques Francaises, 2021, 80, 26-26.	0.4	0
64	Crystal Engineering in Solid-State Metal Salt Complexes of Cyclodextrins. , 1998, , 435-438.		0
65	Identification of baseline parameters associated with the inter-individual variability in cytidine deaminase serum activity, a key enzyme in the metabolism of pyrimidine analogue.. Journal of Clinical Oncology, 2016, 34, e14096-e14096.	0.8	0