

Charis R Theocharis

List of Publications by Year in descending order

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84
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citations

394421

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docs citations

84
times ranked

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#	ARTICLE	IF	CITATIONS
1	Discrimination of Cheddar, Kefalotyri, and Halloumi cheese samples by the chemometric analysis of Fourier transform infrared spectroscopy and proton nuclear magnetic resonance spectra. <i>Journal of Food Process Engineering</i> , 2022, 45, .	2.9	6
2	Chemometric Discrimination of the Geographical Origin of Three Greek Cultivars of Olive Oils by Stable Isotope Ratio Analysis. <i>Foods</i> , 2021, 10, 336.	4.3	18
3	Authentication and Chemometric Discrimination of Six Greek PDO Table Olive Varieties through Morphological Characteristics of Their Stones. <i>Foods</i> , 2021, 10, 1829.	4.3	6
4	Chemometric analysis combined with FTIR spectroscopy of milk and Halloumi cheese samples according to speciesâ€™ origin. <i>Food Science and Nutrition</i> , 2020, 8, 3262-3273.	3.4	18
5	Comparison of Surface Characteristics of Mesoporous Titania Prepared in Matrix-Free Solutions and Using Triton X Reverse Micelles. <i>Materials Sciences and Applications</i> , 2020, 11, 715-732.	0.4	0
6	Surface properties of ceria synthesised using Triton-X based reverse microemulsions. <i>RSC Advances</i> , 2019, 9, 7025-7031.	3.6	13
7	Discrimination of Cheddar and Kefalotyri Cheese Samples: Analysis by Chemometrics of Proton-NMR and FTIR Spectra. <i>Journal of Agricultural Science and Technology B</i> , 2019, 9, .	0.1	3
8	Comparison of Textural Characteristics of Ceria Solids Prepared via Triton X Reverse Micelles and <i>in Situ</i> Synthesized $Ce(OH)_4$ and $Ce(OH)_3$ Precursors. <i>Materials Sciences and Applications</i> , 2019, 10, 585-599.	0.4	1
9	The effect of surface properties on the uranium adsorption by mesoporous ceria. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 318, 2193-2197.	1.5	9
10	Tuning the porosity and surface characteristics of nanoporous titania using non-ionic surfactant reverse micelles. <i>RSC Advances</i> , 2018, 8, 29890-29898.	3.6	7
11	Effect of surface and textural characteristics on uranium adsorption by nanoporous titania. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 314, 1141-1147.	1.5	14
12	Evaluation of novel, cationic electrospun microfibrous membranes as adsorbents in bacteria removal. <i>RSC Advances</i> , 2015, 5, 67617-67629.	3.6	10
13	Using Statistical Analysis as an Additional Tool in Porous Solid Characterization. <i>Adsorption Science and Technology</i> , 2011, 29, 381-389.	3.2	1
14	Authenticity of Cypriot Sweet Wine Commandaria Using FTIR and Chemometrics. <i>Journal of Food Science</i> , 2011, 76, C420-7.	3.1	23
15	Investigation of the Synthesis and Properties of Ternary $Cu-Ce$ Oxides of Composition $V_xCu_xCe_{1-2x}O_2$. <i>Adsorption Science and Technology</i> , 2009, 27, 811-820.	3.2	1
16	Synthesis and Characterization of Mesoporous Cerium Oxide Prepared Using an Organic Base and a Templating Agent. <i>Adsorption Science and Technology</i> , 2008, 26, 687-692.	3.2	5
17	Preparation and Characterization of a Cerium(IV)-incorporated Manganese Oxide OMS-2. Effect of Cerium(IV) Template on Octahedral Molecular Sieves of Manganese Oxide and Characterization of Manganese Oxide Molecular Sieves with Cerium(IV) as Dopant. <i>Adsorption Science and Technology</i> , 2008, 26, 789-801.	3.2	5
18	Study of the Crystallization of Nanoporous Mixed Metal Oxide Phases. <i>Adsorption Science and Technology</i> , 2008, 26, 643-650.	3.2	5

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19	Preparation and Characterization of Nanoporous Ternary Mixed Cerium Oxides. <i>Studies in Surface Science and Catalysis</i> , 2007, 160, 615-620.	1.5	3
20	A diffuse reflectance fourier transform infra-red study of carbon dioxide adsorption on silicalite-I. <i>Journal of Chemical Technology and Biotechnology</i> , 2007, 52, 473-480.	3.2	5
21	Characterization of the traditional Cypriot spirit Zivania by means of Counterpropagation Artificial Neural Networks. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2007, 87, 52-58.	3.5	23
22	Preparation and Characterization of Nanoporous Ceria Containing Heteroatoms, With and Without a Matrix. <i>Adsorption</i> , 2005, 11, 763-767.	3.0	9
23	Authenticity of the Traditional Cypriot Spirit "Zivania" on the Basis of ¹ H NMR Spectroscopy Diagnostic Parameters and Statistical Analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 5293-5303.	5.2	34
24	Chemometric Characterization of the Cypriot Spirit "Zivania". <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 5067-5073.	5.2	30
25	Authenticity of the Traditional Cypriot Spirit "Zivania" on the Basis of Metal Content Using a Combination of Coupled Plasma Spectroscopy and Statistical Analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 6233-6239.	5.2	39
26	Preparation And Surface Characterisation Of Novel Ceria-Copper And Ceria-Manganese Mixed Oxides. <i>Studies in Surface Science and Catalysis</i> , 2002, , 75-82.	1.5	3
27	Topochemical Transformations of Substituted Cyclopentanone Transition Metal Adducts. <i>Molecular Crystals and Liquid Crystals</i> , 2002, 389, 105-111.	0.9	0
28	Control of the Morphology of Crystalline Calcium Hydroxide. <i>Molecular Crystals and Liquid Crystals</i> , 2001, 356, 205-214.	0.3	0
29	Investigations on the Surface Properties of Pure and Alkali or Alkaline Earth Metal Doped Ceria. <i>Studies in Surface Science and Catalysis</i> , 2000, , 643-652.	1.5	8
30	A NEW CHEMISTRY CURRICULUM IN A NEWLY FOUNDED UNIVERSITY: DESIGN UNDER CONSTRAINTS. <i>Chemistry Education Research and Practice</i> , 2000, 1, 295-302.	2.5	1
31	The effect of sorbed toluene on the surface properties of calcium hydroxide. <i>Journal of Chemical Technology and Biotechnology</i> , 1998, 71, 223-226.	3.2	4
32	Scaling Dimensions of Nitrogen Adsorption Characteristics in Modulated Mesoporous Aluminophosphates. <i>Journal of Colloid and Interface Science</i> , 1997, 185, 104-110.	9.4	12
33	Adsorption of nitrogen and water vapour by activated Nomex® chars. <i>Carbon</i> , 1995, 33, 795-799.	10.3	45
34	Rates of activation and scanning electron microscopy of polyarylamide-derived chars. <i>Carbon</i> , 1995, 33, 789-793.	10.3	22
35	Infrared spectroscopy and electrical characterization of phosphorus implanted and annealed silicon layers. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1995, 103, 46-55.	1.4	2
36	Characterization of microporous zirconia gels. <i>Studies in Surface Science and Catalysis</i> , 1994, 87, 487-496.	1.5	5

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37	Adsorption of nitrogen and water vapour by activated Kevlar® chars. Carbon, 1993, 31, 865-869.	10.3	49
38	Temperature programmed reduction of silica supported nickel catalysts. Colloid and Polymer Science, 1993, 271, 1100-1105.	2.1	13
39	The preparation and adsorptive properties of ammonia-activated viscose rayon chars. Carbon, 1993, 31, 13-20.	10.3	30
40	The Measurement of Mesoporosity. , 1993, , 3-18.		3
41	Adsorptive Properties of Microporous ZrO ₂ Gels. Studies in Surface Science and Catalysis, 1993, 80, 531-536.	1.5	0
42	The Use of High Resolution Adsorption Measurements for the Study of Porous Solids. Studies in Surface Science and Catalysis, 1993, , 323-332.	1.5	13
43	Fluoro Substitution Effects in the Crystal Packing of Fluorobenzenes. Molecular Crystals and Liquid Crystals, 1992, 211, 89-97.	0.3	0
44	Adsorptive properties and stability of VPI-5, a large-pore molecular sieve. Journal of the Chemical Society, Faraday Transactions, 1992, 88, 3349.	1.7	14
45	Studies of steam-activated viscose rayon chars. Carbon, 1992, 30, 907-911.	10.3	22
46	Effect of fluoro substitution on the packing motifs of benzylidene- and dibenzylidene-cyclopentanones. Journal of the Chemical Society Perkin Transactions II, 1991, , 1131.	0.9	6
47	The adsorption of water vapour by VPI-5, a large pore molecular sieve. Journal of the Chemical Society Chemical Communications, 1991, , 974.	2.0	16
48	Sorption of Water Vapour by Partially Decomposed Calcium Hydroxide. Studies in Surface Science and Catalysis, 1991, 62, 653-658.	1.5	1
49	Changes in the surface properties of calcium hydroxide upon ageing A spectroscopic and gas sorption study. Colloids and Surfaces, 1991, 58, 353-361.	0.9	4
50	The Adsorption of Water Vapour by Microporous Solids. Studies in Surface Science and Catalysis, 1991, 62, 685-692.	1.5	14
51	Investigation of infrared absorption spectra of copper phosphate glasses containing some rare earth oxides. Journal of Materials Science, 1990, 25, 3956-3959.	3.7	7
52	Nitric Acid-treated Bentonite Clay: A Novel Oxidation Supported Reagent. Adsorption Science and Technology, 1990, 7, 172-179.	3.2	0
53	Topochemical Solid State [2+2] Cyclodimerisations of Enones: Theoretical Considerations. Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics, 1990, 187, 53-58.	0.3	0
54	Functionalisation of the Surface of Calcium Hydroxide by Grafting of Organic Molecules. Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics, 1990, 187, 345-350.	0.3	2

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55	A novel calcium hydroxide molecular composite: preparation and characterisation. Journal of the Chemical Society Dalton Transactions, 1990, , 633.	1.1	2
56	Study of the structure and properties of TAPO-5 molecular sieve. Catalysis Letters, 1989, 3, 371-378.	2.6	3
57	Solid state reactions of metals complexes of substituted cyclopentanones: An infrared spectroscopic study. Solid State Ionics, 1989, 32-33, 609-612.	2.7	1
58	A study of the infrared absorption spectra of thin amorphous films of molybdenum trioxide. Journal of Materials Science, 1989, 24, 2387-2390.	3.7	25
59	Infrared spectra of some thin amorphous films of MoO ₃ -In ₂ O ₃ deposited by vacuum evaporation. Journal of Materials Science, 1989, 24, 4409-4413.	3.7	5
60	Induction of mesoporosity in ALPO-5. Treatment with silicon tetrachloride. Journal of the Chemical Society Faraday Transactions I, 1989, 85, 2641.	1.0	6
61	Clays, Zeolites and Other Microporous Solids for Organic Synthesis. Modern Synthetic Methods, 1989, , 249-304.	4.8	13
62	Modified aluminophosphate molecular sieves: preparation and characterisation. Catalysis Today, 1988, 2, 613-620.	4.4	9
63	Enhancement of Lewis acidity in layer aluminosilicates. Treatment with acetic acid. Journal of the Chemical Society Faraday Transactions I, 1988, 84, 1509.	1.0	48
64	Topochemical Reactions of Metal Complexes of Substituted Benzylidenecyclopentanones. Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics, 1988, 156, 85-91.	0.3	8
65	Co-ordination polymers based on 2,5-dibenzylidenecyclopentanone, which are photochemically cross-linkable. Journal of the Chemical Society Chemical Communications, 1987, , 80.	2.0	6
66	The nature of supported-molybdena catalysts. Evidence from a raman and X-ray diffraction investigation of pyridine adsorption. Journal of the Chemical Society Faraday Transactions I, 1987, 83, 1601.	1.0	14
67	Study of the influence of the impregnation acidity on the structure and properties of molybdena-silica catalysts. Journal of the Chemical Society Faraday Transactions I, 1987, 83, 2835.	1.0	7
68	The efficient removal of organic templating molecules from aluminophosphate molecular sieves. Journal of the Chemical Society Chemical Communications, 1986, , 781.	2.0	9
69	Single-crystal study of the solid-state polymerisation of butadiynylenebis-(m-acetamidobenzene). Journal of the Chemical Society Perkin Transactions II, 1986, , 1965.	0.9	7
70	Incorporation of zinc in an aluminophosphate microporous phase. Journal of the Chemical Society Chemical Communications, 1985, , 1056.	2.0	29
71	Study of the crystal and molecular structure of the 9-cyanoanthracene trans dimer and of its monomerisation. Journal of the Chemical Society Faraday Transactions I, 1985, 81, 857.	1.0	10
72	The use of mixed crystals for engineering organic solid-state reactions: application to benzylbenzylidenecyclopentanones. Journal of the American Chemical Society, 1984, 106, 3606-3609.	13.7	63

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73	Crystal and molecular structure of 1,3-dibenzylcyclobutane-2,4-bis(2'-spiro-(5'-p-chloro)-benzylcyclopentanone): Product of a single-crystal?single-crystal reaction. Journal of Crystallographic and Spectroscopic Research, 1984, 14, 447-455.	0.2	3
74	Crystal structure of 3,3-(p-N,N-dimethylaminophenyl)-6-N,N-dimethylaminophthalide, (crystal-violet) Tj ETQq0 0 0 rgBT /Overlçck 10 Tf 5	0.2	8
75	The thermally induced phase transition of crystalline 9-cyanoanthracene dimer: a single crystal study. Journal of the Chemical Society Chemical Communications, 1984, , 369.	2.0	2
76	An unusual photo-induced conformational polymorphism: a crystallographic study of bis(p-methoxy)-trans-stilbene. Journal of the Chemical Society Chemical Communications, 1984, , 1291.	2.0	15
77	The solid-state photodimerisation of 2,5-dibenzylidenecyclopentanone (DBCP); a topochemical reaction that yields an amorphous product. Journal of the Chemical Society Perkin Transactions II, 1984, , 71.	0.9	47
78	Reactions of platinum(II) acetylides with organolithium compounds: formation of lithium-bridged dinuclear platinum(II) complexes and of triorganoplatinate(II) complexes: crystal structure of the complex $[Pt_2(C\equiv CPh)_4(PEt_3)_2(Bun)_2(\mu-Li)_2]$. Journal of the Chemical Society Dalton Transactions, 1984, , 747-756.	1.1	30
79	Structural mimicry and the photoreactivity of organic solids. Journal of the Chemical Society Chemical Communications, 1983, , 1443.	2.0	54
80	The Photodimerisation of Crystalline 2,5-Dibenzylidenecyclopentanone. Molecular Crystals and Liquid Crystals, 1983, 93, 53-60.	0.8	10
81	Crystal and molecular structures of 2-(p-methylbenzyl)- and 2-(p-chlorobenzyl)-5-(p-bromobenzylidene)cyclopentanone. Influence of chloro and methyl substitution on solid-state reactivity. Journal of Crystallographic and Spectroscopic Research, 1982, 12, 377-389.	0.2	9
82	Crystal engineering of photodimerizable cyclopentanones. Comparison of chloro- and methyl-substitution as solid-state steering groups. The Journal of Physical Chemistry, 1981, 85, 2594-2597.	2.9	41
83	Engineering organic crystals so as to control the photoreactivity of the reactants and the crystallinity of the products. Journal of the Chemical Society Chemical Communications, 1980, , 610.	2.0	40
84	Dimerization and polymerization of enones in the fluid and solid states. , 0, , 1133-1176.		1