

Maria J Dianez

List of Publications by Year in descending order

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1,116
citations

567144

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414303

32
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80
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80
docs citations

80
times ranked

1401
citing authors

#	ARTICLE	IF	CITATIONS
1	Influencia de la deformación previa sobre el endurecimiento por precipitación en una aleación de Cu-Ni-Si. Revista De Metalurgia, 2019, 55, 157.	0.1	0
2	Non-isothermal Characterization of the Precipitation Hardening of a Cu-11Ni-19Zn-1Sn Alloy. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2017, 48, 3090-3095.	1.1	1
3	Applications of sample-controlled thermal analysis (SCTA) to kinetic analysis and synthesis of materials. Journal of Thermal Analysis and Calorimetry, 2015, 120, 45-51.	2.0	9
4	Mechanochemical Processing of CaCu ₃ Ti ₄ O ₁₂ with Giant Dielectric Properties. Materials and Manufacturing Processes, 2014, 29, 1179-1183.	2.7	4
5	Direct mechanosynthesis of pure BiFeO ₃ perovskite nanoparticles: reaction mechanism. Journal of Materials Chemistry C, 2013, 1, 3551.	2.7	49
6	Microcalorimetric study of the annealing hardening mechanism of a Cu-2.8Ni-1.4Si (at%) alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2012, 556, 612-616.	2.6	30
7	Evaluaciones microcalorimétricas no-isotermas en aleaciones de Cu-9Ni-5,5Sn templadas y deformadas en frío. Revista De Metalurgia, 2012, 48, 67-75.	0.1	3
8	Mechanochemical Synthesis of Visible Light Sensitive Titanium Dioxide Photocatalyst. International Journal of Photoenergy, 2011, 2011, 1-9.	1.4	7
9	Nonisothermal calorimetric study of the precipitation processes in a Cu-1Co-0.5Ti alloy. Journal of Thermal Analysis and Calorimetry, 2010, 100, 975-980.	2.0	6
10	Kinetic model for thermal dehydrochlorination of poly(vinyl chloride). Polymer, 2010, 51, 3998-4007.	1.8	159
11	Mechanochemical preparation of BaTiO ₃ -Ni nanocomposites with high dielectric constant. Composite Structures, 2010, 92, 2236-2240.	3.1	26
12	Caracterización microestructural de aleaciones base cobre obtenidas mediante molienda reactiva. Revista De Metalurgia, 2010, 46, 197-205.	0.1	0
13	cis-Fused bicyclic sugar thiocarbamates. Reactivity towards amines. Tetrahedron, 2008, 64, 11789-11796.	1.0	8
14	Influence of environment and grinding on the crystallisation mechanism of ZrO ₂ gel. Journal of Physics and Chemistry of Solids, 2007, 68, 824-829.	1.9	10
15	Development of a universal constant rate thermal analysis system for being used with any thermoanalytical instrument. Journal of Thermal Analysis and Calorimetry, 2007, 87, 297-300.	2.0	30
16	Non isothermal calorimetric study of the precipitation processes in a Cu-10% Ni-3% Al alloy. Revista De Metalurgia, 2007, 43, .	0.1	7
17	(1E,3E)-4-(Tetra-O-acetyl-D-arabino-tetritol-1-yl)-1-(4-tolyl)-1,2-diaza-1,3-butadiene. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o2811-o2812.	0.2	1
18	High-temperature deformation of dispersion-strengthened Cu-Zr-Ti-C alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2005, 391, 60-65.	2.6	17

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19	A short and highly stereoselective route to polyhydroxy-perhydroazaazulenes via a C-(d-galacto-pentopyranos-5-yl)isoxazolidine. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 3897-3907.	1.8	14
20	Photoactivity of anatase-rutile TiO ₂ nanocrystalline mixtures obtained by heat treatment of homogeneously precipitated anatase. <i>Applied Catalysis B: Environmental</i> , 2005, 58, 193-202.	10.8	330
21	IR laser-induced synthesis of nanostructured germanium telluride in the gas phase. <i>Applied Organometallic Chemistry</i> , 2005, 19, 854-858.	1.7	9
22	Benzyltrimethylammonium dihydrogen orthophosphate monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, o1127-o1129.	0.2	0
23	Direct use of the mass output of a thermobalance for controlling the reaction rate of solid-state reactions. <i>Review of Scientific Instruments</i> , 2004, 75, 2620-2624.	0.6	17
24	Influence of the mechanical treatment on the structure and the thermal stability of alkaline-earth carbonates. <i>Journal of Materials Science</i> , 2004, 39, 5189-5193.	1.7	15
25	High-temperature mechanical behaviour of Cu-Ti, Cu-Al and Cu-Ti-Al alloys obtained by reaction milling. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2004, 384, 262-269.	2.6	4
26	Synthesis of 4-C-sulfoaminosugar derivatives: isomerization of 4-C-sulfogalactosamine to its gluco epimer. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 3761-3768.	1.8	9
27	Synthesis of new C-sulfosugars and C-sulfoalditols: Amadori rearrangement of 6-C-sulfo-d-fucose. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 1009-1018.	1.8	11
28	Synthesis of needle-like BaTiO ₃ particles from the thermal decomposition of a citrate precursor under sample controlled reaction temperature conditions. <i>Journal of Materials Chemistry</i> , 2003, 13, 2234-2241.	6.7	33
29	Higher glycosamino acid precursors: C7 and C8 aminodialdoses via regio- and stereoselective [3+2] cycloaddition of vinyl trimethylsilane to C-glycosyl nitrones. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 2025-2038.	1.8	11
30	N1,N1-Diethyl-N2-(2,3,4,6-tetra-O-acetyl-β-D-glucopyranosyl)acetamide. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001, 57, 1297-1298.	0.4	0
31	(4R,5R)-2-(N-Methyl-benzylamino)-3-nitro-4-(1,2,3,4,5-penta-O-acetyl-D-manno-pentitol-1-yl)-5-phenyl-5-phenylcarbamate at 150 K. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2001, 57, o1255-o1257.	0.2	0
32	Towards cyclic, conformationally constrained, fluorine-containing β-amino acid derivatives from d-glucose. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 2031-2041.	1.8	10
33	1,1,3,3-Tetramethylguanidinium dihydrogenorthophosphate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2000, 56, 888-889.	0.4	30
34	Development of an experimental tool for measuring electrical properties of materials from liquid nitrogen temperature up to 1000 Å°C. <i>Thermochimica Acta</i> , 2000, 351, 125-130.	1.2	1
35	Regio- and stereoselective synthesis of 3- and 5-(C-glycosyl)-4-nitroisoxazolidines by nitrone-nitroalkene [3+2] cycloaddition reactions. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 77-98.	1.8	16
36	Branched-chain fluoro nitro d- and l-sugars from glucose. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 1751-1764.	1.8	11

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37	Study of a diastereoisomeric dihydrothiophene derivative at 150K. Acta Crystallographica Section C: Crystal Structure Communications, 1999, 55, 1020-1023.	0.4	0
38	Title is missing!. Magyar Árvad Kézzemlőnyek, 1999, 56, 1447-1452.	1.4	10
39	Structure of (E)-6,7,8,9-tetra-deoxy-1,2:3,4-di-O-isopropylidene-7-nitro- β -D-galacto-non-6-eno-1,5-pyranose. Zeitschrift Fur Kristallographie - Crystalline Materials, 1998, 213, 115-117.	0.4	2
40	X-ray powder diffraction study of the thermal behavior of barium titanium citrate hydrate. Powder Diffraction, 1997, 12, 180-184.	0.4	3
41	Sulfoaminoglucitols: synthesis of 2-amino-2,3 (and 2,6)-dideoxy-d-glucitol-3 (and 6)-sulfonic acids and X-ray crystal structure of the monohydrate of the 6-sulfo derivative. Carbohydrate Research, 1996, 282, 137-147.	1.1	7
42	Influence of intramolecular hydrogen-bonding on the conformation of 3-deoxy-3-thioureido sugars. Carbohydrate Research, 1996, 286, 55-65.	1.1	7
43	Relationships between the Texture and Structure of BaTiO ₃ and Its Tetragonal \rightarrow Cubic Transition Enthalpy. Journal of Solid State Chemistry, 1996, 123, 301-305.	1.4	30
44	The X-ray analysis of an enaminone with a bulky substituent. Acta Crystallographica Section A: Foundations and Advances, 1996, 52, C270-C270.	0.3	0
45	Silica gel-catalysed addition of methyl nitroacetate to 1,2:3,4-O-galacto- and 2,3-O- Crystal structure of methyl 7-O-threo- β -galacto-. Carbohydrate Research, 1995, 271, 79-99.	1.1	8
46	Silica gel-catalysed addition of methyl nitroacetate to 1,2:3,4-di-O-isopropylidene- β -d-galacto-hexodialdo-1,5-pyranose and 2,3-O-isopropylidene-d-glyceraldehyde. Crystal structure of methyl 7-acetamido-7-deoxy-1,2:3,4-di-O-isopropylidene-l-threo- β -d-galacto-octopyranuronate. Carbohydrate Research, 1995, 279, C9.	1.1	2
47	A novel highly diastereoselective synthesis of chiral dihydrothiophenes from mesoionic compounds. Journal of the Chemical Society Chemical Communications, 1995, , 2213-2214.	2.0	19
48	3-[(2R,3R)-3-(4-Dimethylaminophenyl)-2-phenyl-2,3-epithiopropanoyl]-1-phenyl-(3,5,6-tri-O-acetyl-1,2-dideoxy- β -D-glucofuranosyl)[1,2-d] Acta Crystallographica Section C: Crystal Structure Communications, 1994, 50, 442-444.	0.4	0
49	Diethyl 6(R)-3-(4-chlorophenyl)-6-(tetra-O-acetyl-D-arabino-threitol-1-yl)-1,2,3,6-tetrahydro-1,2,3,4-tetrazine-1,2-dicarboxylate, C ₂₆ H ₃₃ CIN ₄ O ₁₂ . Acta Crystallographica Section C: Crystal Structure Communications, 1994, 50, 1972-1974.	0.4	1
50	N-Phenyl-2-phenyliminotetrahydro-1,3-thiazole-2-carbothioamide, C ₁₆ H ₁₅ N ₃ S ₂ . Acta Crystallographica Section C: Crystal Structure Communications, 1994, 50, 1640-1642.	0.4	0
51	Structure of 1-carbamoyl-3-phenyl-(1,2-dideoxy- β -D-glucofuranosyl) [1,2-d]imidazolidin-2-one. Zeitschrift Fur Kristallographie - Crystalline Materials, 1994, 209, 506-508.	0.4	1
52	Crystal and molecular structure of 1-phenyl-(1,2-dideoxy- β -d-glucofuranosyl)[2,1-d]imidazolidine-2-selone. Carbohydrate Research, 1993, 242, 265-269.	1.1	9
53	Synthesis and crystal structure of methyl 2-amino-2,6-dideoxy- β -d-glucopyranoside-6-sulfonic acid. Carbohydrate Research, 1993, 248, 1-14.	1.1	16
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55	Correlation between synthesis conditions, coherently diffracting domain size and cubic phase stabilization in barium titanate. <i>Ferroelectrics, Letters Section</i> , 1992, 14, 79-84.	0.4	18
56	Spectroscopic and X-ray crystallographic studies of the potassium salt of hexameric malondialdehyde. <i>Tetrahedron Letters</i> , 1992, 33, 1361-1364.	0.7	4
57	A new synthesis of 6-oxopyrimidinium-4-olates. Theoretical study of the regioselective cycloaddition of arylisocyanates with A 1,3-thiazolium-4-olate system. <i>Tetrahedron</i> , 1992, 48, 4193-4208.	1.0	18
58	Structure of 2,2-dimethyl-5-methylaminomethylene-1,3-dioxane-4,6-dione. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1991, 47, 1028-1030.	0.4	2
59	Structure of 5,5-dimethyl-2-(4-nitrophenylaminomethylene)-1,3-cyclohexanedione. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1991, 47, 2586-2588.	0.4	0
60	Crystal and molecular structure of N-(2,2-diethoxycarbonylvinyl)- β -D-ribofuranosylamine. <i>Carbohydrate Research</i> , 1991, 219, 223-227.	1.1	0
61	Influence of grinding on the texture, microstructure and chemical reactivity of nickel powders. <i>Journal of Materials Science</i> , 1991, 26, 821-823.	1.7	3
62	Structure of 4-(D-galacto-pentaacetoxypentyl)-1-phenylpyrazole. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1990, 46, 1718-1720.	0.4	3
63	Crystalline structure and thermal stability of double strontium and barium carbonates. <i>Thermochimica Acta</i> , 1990, 171, 229-238.	1.2	18
64	Structure of allyl 1-deoxy-1-[(1-methyl-2-benzoylvinyl)amino]- β -D-fructofuranoside. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1988, 44, 657-660.	0.4	1
65	Studies on sugar nitro-olefins. Part 7. Synthesis of 3-(alditol-1-yl)-1,2,3,5,6,7-hexahydro- and -1,5,6,7-tetrahydro-indol-4-ones. X-Ray molecular structure of (3S)-3-(1,2,3,4,5-penta-O-acetyl-D-galacto-pentitol-1-yl)-1,2,3,5,6,7-hexahydroindol-4-one. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1987, , 581-588.	0.9	13
66	Synthesis of alkyl glyco-pyranosides and -furanosides of 2-amino-2-deoxy-D-glucose. Crystal structure of 2-deoxy-2-[(4,4-dimethyl-2,6-dioxocyclohexylidene)methyl]amino]- β -D-glucopyranose. <i>Carbohydrate Research</i> , 1987, 162, 181-197.	1.1	11
67	Structure of a galacto-benzofuranone oxime. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1987, 43, 1158-1160.	0.4	0
68	Structure of 3,4,5-tri-O-acetyl-1-deoxy-1-[(2,2-dimethoxycarbonylvinyl)amino]- β -D-fructopyranose. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1987, 43, 558-560.	0.4	1
69	Structure of a benzofuranone oxime. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1986, 42, 241-244.	0.4	0
70	A lattice-dynamical calculation of crystallographic thermal parameters for N,N-dimethyl-2-nitrovinylamine. <i>Acta Crystallographica Section B: Structural Science</i> , 1986, 42, 610-613.	1.8	3
71	Structure of 2-[(2,2-diacetylvinyl)amino]-2-deoxy- β -D-glucopyranose, C ₁₂ H ₁₉ NO ₇ . <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1985, 41, 149-151.	0.4	2
72	Structure of N,N-dimethyl-2-nitrovinylamine, C ₄ H ₈ N ₂ O ₂ . <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1985, 41, 981-983.	0.4	1

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73	The structure of ethyl 5,6,7,8,9-pentaacetoxy-2-amino-4-nitromethyl-D-glycero-D-manno-2-nonene-3-carboxylate, C ₂₃ H ₃₄ N ₂ O ₁₄ . Acta Crystallographica Section C: Crystal Structure Communications, 1984, 40, 1941-1944.	0.4	2
74	Structure of 2-((2,2-diacetylvinyl)amino)-2-desoxy- β -D-glucopyranose, C ₁₂ H ₁₉ NO ₇ . Acta Crystallographica Section A: Foundations and Advances, 1984, 40, C88-C88.	0.3	0