

Jos A. Paixo

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#	Paper	IF	Citations
328	Triple-q(\rightarrow) octupolar ordering in NpO ₂ . <i>Physical Review Letters</i> , 2002 , 89, 187202	7.4	157
327	Effect of Sm substitution on ferroelectric and magnetic properties of BiFeO ₃ . <i>Scripta Materialia</i> , 2010 , 62, 238-241	5.6	82
326	Rhombohedral-to-orthorhombic transition and multiferroic properties of Dy-substituted BiFeO ₃ . <i>Journal of Applied Physics</i> , 2010 , 108, 074109	2.5	80
325	One-step synthesis of dipyrromethanes in water. <i>Tetrahedron Letters</i> , 2003 , 44, 3971-3973	2	80
324	Charge Transport and Sensitized 1.5 μ m Electroluminescence Properties of Full Solution-Processed NIR-OLED based on Novel Er(III) Fluorinated β -diketonate Ternary Complex. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 10020-10030	3.8	59
323	Magnetic sublattice interactions in UFe ₄ Al ₈ . <i>Physical Review B</i> , 1997 , 55, 14370-14377	3.3	57
322	Microwave-assisted synthesis of porphyrins and metalloporphyrins: a rapid and efficient synthetic method. <i>Journal of Porphyrins and Phthalocyanines</i> , 2007 , 11, 77-84	1.8	57
321	Structural and magnetic phase transitions in Bi _{1-x} Pr _x FeO ₃ perovskites. <i>Journal of Materials Science</i> , 2012 , 47, 1578-1581	4.3	55
320	Room temperature magnetoelectric coupling in a molecular ferroelectric ytterbium(III) complex. <i>Science</i> , 2020 , 367, 671-676	33.3	52
319	Magnetization density in URhAl-evidence for hybridization effects. <i>Journal of Physics Condensed Matter</i> , 1992 , 4, 829-846	1.8	49
318	Bismuth triflate-catalyzed Wagner-Meerwein rearrangement in terpenes. Application to the synthesis of the 18 α -oleanane core and A-neo-18 α -oleanene compounds from lupanes. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 508-17	3.9	48
317	Conformational Isomorphism of Organic Crystals: Racemic and Homochiral Atenolol. <i>Crystal Growth and Design</i> , 2007 , 7, 496-500	3.5	46
316	Synthesis of chiral pyrrolo[1,2-c]thiazoles via intramolecular dipolar cycloaddition of α -chthonones: an interesting rearrangement to pyrrolo[1,2-c]thiazines. <i>Journal of Organic Chemistry</i> , 2002 , 67, 4045-54 ⁴⁻²	4.2	43
315	Multipolar ordering in NpO ₂ below 25 K. <i>Journal of Physics Condensed Matter</i> , 2003 , 15, S2287-S2296	1.8	42
314	Chiral 6,7-bis(hydroxymethyl)-1H,3H-pyrrolo[1,2-c]thiazoles with anti-breast cancer properties. <i>European Journal of Medicinal Chemistry</i> , 2013 , 60, 254-62	6.8	41
313	Reactivity of 2-halo-2H-azirines. 1. Reactions with nucleophiles. <i>Journal of Organic Chemistry</i> , 2002 , 67, 66-71	4.2	40
312	Structural, ferroelectric and magnetic properties of Bi _{0.85} Sm _{0.15} FeO ₃ perovskite. <i>Crystal Research and Technology</i> , 2011 , 46, 238-242	1.3	39

- 311 Neutron-scattering study of the magnetic structure of DyFe₄Al₈ and HoFe₄Al₈. *Physical Review B*, **2000**, 61, 6176-6188 3.3 39
- 310 N-Vinyl- and C-vinylpyrroles from azafulvenium methides. flash vacuum pyrolysis route to 5-Oxo-5H-pyrrolizines and 1-azabenzof[*f*]azulenes. *Journal of Organic Chemistry*, **2005**, 70, 6629-38 4.2 38
- 309 Resonant x-ray scattering study of magnetic-dipole and electric-quadrupole order in U_{0.75}Np_{0.25}O₂. *Physical Review B*, **2004**, 70, 3.3 32
- 308 Changes in 5d Band Polarization in Rare-Earth Compounds. *Physical Review Letters*, **1999**, 82, 2187-2190 7.4 31
- 307 Evidence for Anisotropic Hybridization in Uranium Compounds. *Europhysics Letters*, **1993**, 24, 607-611 1.6 31
- 306 Substitution-driven structural and magnetic phase transitions in Bi_{0.86}(La, Sm)_{0.14}FeO₃ system. *Journal Physics D: Applied Physics*, **2011**, 44, 185406 3 30
- 305 Neutron and synchrotron diffraction study of UPtGe. *Physical Review B*, **2000**, 62, 3801-3810 3.3 30
- 304 Experimental and theoretical studies of the second- and third-order NLO properties of a semi-organic compound: 6-Aminoquinolinium iodide monohydrate. *Chemical Physics*, **2014**, 428, 67-74 2.3 29
- 303 Novel erbium(III) complexes with 2,6-dimethyl-3,5-heptanedione and different N,N-donor ligands for ormosil and PMMA matrices doping. *Journal of Materials Chemistry C*, **2013**, 1, 5701 7.1 29
- 302 Solid state photochromism and thermochromism of two related N-salicylidene anilines. *Chemical Physics*, **2014**, 444, 43-51 2.3 29
- 301 Effect of Mn substitution on crystal structure and magnetic properties of Bi_{1-x}Pr_xFeO₃ multiferroics. *Journal Physics D: Applied Physics*, **2012**, 45, 045302 3 28
- 300 Intermediate structural phases in rare-earth substituted BiFeO₃. *Materials Research Bulletin*, **2010**, 45, 416-419 5.1 28
- 299 Novel Asymmetric Wittig Reaction: Synthesis of Chiral Allenic Esters. *European Journal of Organic Chemistry*, **2004**, 2004, 4830-4839 3.2 28
- 298 Oxidation of α - and β -Steroids with Hydrogen Peroxide Catalyzed by Porphyrin Complexes of Mn(III) and Fe(III). *European Journal of Organic Chemistry*, **2004**, 2004, 4778-4787 3.2 28
- 297 Pyrrolidine-based amino alcohols: novel ligands for the enantioselective alkylation of benzaldehyde. *Journal of Molecular Catalysis A*, **2003**, 195, 1-9 28
- 296 Magnetostructural correlations in BiFeO₃-based multiferroics. *Journal of Materials Chemistry C*, **2017**, 5, 3623-3629 7.1 27
- 295 Composition- and temperature-driven structural transitions in Bi(1-x)Ca(x)FeO₃ multiferroics: a neutron diffraction study. *Journal of Physics Condensed Matter*, **2013**, 25, 135902 1.8 27
- 294 Structural phase evolution in Bi_{7/8}Ln_{1/8}FeO₃ (Ln = LaDy) series. *Materials Letters*, **2011**, 65, 1970-1972 3.3 27

293	Magnetization density in heavy-fermion UPd ₂ Al ₃ . <i>Journal of Physics Condensed Matter</i> , 1993 , 5, 8905-8910	3.3	26
292	NMR and X-ray diffraction studies of the complexation of D-Quinic acid with tungsten(VI) and molybdenum(VI). <i>Dalton Transactions RSC</i> , 2002 , 2126-2131		25
291	Magnetic structures of MFe ₄ Al ₈ (M=Lu,Y). <i>Physical Review B</i> , 2001 , 63,	3.3	25
290	Mn substitution-driven structural and magnetic phase evolution in Bi _{1-x} Sm _x FeO ₃ multiferroics. <i>Journal of Applied Physics</i> , 2012 , 111, 014110	2.5	24
289	Chemistry of diazafulvenium methides in the synthesis of functionalized pyrazoles. <i>Journal of Organic Chemistry</i> , 2007 , 72, 4406-15	4.2	24
288	Charge densities of two rutile structures: NiF ₂ and CoF ₂ . <i>Acta Crystallographica Section B: Structural Science</i> , 1993 , 49, 591-599		24
287	Synthesis, physicochemical and optical properties of bis-thiosemicarbazone functionalized graphene oxide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 188, 183-188	4.4	21
286	Structural transitions and unusual magnetic behavior in Mn-doped Bi _{1-x} LaxFeO ₃ perovskites. <i>Journal of Applied Physics</i> , 2012 , 112, 084102	2.5	21
285	Effect of Gd substitution on ferroelectric and magnetic properties of Bi ₄ Ti ₃ O ₁₂ . <i>Materials Letters</i> , 2010 , 64, 1066-1068	3.3	21
284	Unusual magnetic interactions in compounds with the ThMn ₁₂ structure. <i>Physica B: Condensed Matter</i> , 1997 , 234-236, 614-616	2.8	21
283	Exploring the Chemistry of Furans: Synthesis of Functionalized Bis(furan-2-yl)methanes and 1,6-Dihydropyridazines. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 6146-6151	3.2	20
282	Crystal structure and experimental and theoretical studies of the second-order nonlinear optical properties of salts of triphenylguanidine with carboxylic acids. <i>Journal of Physical Chemistry A</i> , 2010 , 114, 2607-17	2.8	20
281	Diastereoselective Aza-Baylis-Hillman Reactions: Synthesis of Chiral Allenylamines and 2-Azetines from Allenic Esters. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 3249-3256	3.2	20
280	Diastereoselective hydroformylation of β -steroids with rhodium-phosphite catalysts. <i>Tetrahedron: Asymmetry</i> , 2001 , 12, 1083-1087		20
279	Mn substitution-modified polar phase in the Bi _{1-x} NdxFeO ₃ multiferroics. <i>Journal of Applied Physics</i> , 2013 , 113, 214112	2.5	19
278	Resonant x-ray scattering from LaSr ₂ Mn ₂ O ₇ at the Mn K edge. <i>Physical Review B</i> , 2003 , 68,	3.3	19
277	Field dependence of magnetic structure of UPd ₂ Al ₃ in the normal state. <i>Physical Review B</i> , 1994 , 49, 7072-7075	3.3	19
276	Hetero-Diels-Alder and Ring-Opening Reactions of Furans Applied to the Synthesis of Functionalized Heterocycles. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 4011-4025	3.2	18

275	Weak ferromagnetism and nanodimensional ferroelectric domain structure stabilized in the polar phase of Bi _{1-x} NdxFeO ₃ multiferroics via Ti doping. <i>Journal of Applied Physics</i> , 2014 , 115, 164101	2.5	18
274	Hydroformylation of hindered double bonds of natural products with rhodium catalysts: The effect of 3-acetoxy substituent. <i>Journal of Molecular Catalysis A</i> , 2007 , 275, 121-129		18
273	Resonant x-ray scattering from multi-k magnetic structures. <i>Physical Review B</i> , 2002 , 66,	3.3	18
272	Isolated hydrogen configurations in zirconia as seen by muon spin spectroscopy and ab initio calculations. <i>Physical Review B</i> , 2016 , 94,	3.3	18
271	Magnetocaloric effect, electric, and dielectric properties of Nd _{0.6} Sr _{0.4} MnxCo _{1-x} O ₃ composites. <i>Journal of Magnetism and Magnetic Materials</i> , 2018 , 457, 126-134	2.8	17
270	Amplification of the linear and nonlinear optical response of a chiral molecular crystal. <i>Journal of Chemical Physics</i> , 2012 , 136, 134501	3.9	17
269	Molecular structure of nitrogen-linked methyltetrazole-saccharinates. <i>Journal of Molecular Structure</i> , 2012 , 1023, 128-142	3.4	17
268	Molecular structure and charge density analysis of p-methoxybenzoic acid (anisic acid). <i>Journal of Molecular Structure</i> , 1997 , 435, 207-218	3.4	17
267	Structural and magnetic phase transitions in Bi _{1-x} NdxFe _{1-x} MnxO ₃ multiferroics. <i>Journal of Applied Physics</i> , 2014 , 115, 034102	2.5	16
266	Resonant x-ray scattering study of NpRhGa ₅ and NpCoGa ₅ . <i>Physical Review B</i> , 2008 , 77,	3.3	16
265	Low temperature polymorphism in 3-amino-1-propanol. <i>Journal of Molecular Structure</i> , 2003 , 649, 143-153	3.4	16
264	X-ray and deuterium labeling studies on the abnormal ring cleavages of a 5 beta-epoxide precursor of formestane. <i>Steroids</i> , 2002 , 67, 311-9	2.8	16
263	Intermolecular Dipolar Cycloaddition Reactions of 5H,7H-Thiazolo[3,4-c]oxazol-4-ium-1-olates. <i>Tetrahedron</i> , 2000 , 56, 3419-3424	2.4	16
262	A correlation between crystal structure and magnetic properties in co-doped BiFeO ₃ ceramics. <i>Journal of Physics and Chemistry of Solids</i> , 2019 , 126, 164-169	3.9	16
261	Investigation of micro- and nanoscale barrier layer capacitance mechanisms of conductivity in CaCu ₃ Ti ₄ O ₁₂ via scanning probe microscopy technique. <i>RSC Advances</i> , 2017 , 7, 40695-40704	3.7	15
260	Spontaneous magnetization in the polar phase of Bi _{1-x} CaxFeO _{3-x} /x perovskites: The role of anion vacancies. <i>Journal of Applied Physics</i> , 2014 , 116, 214105	2.5	15
259	Cycloaddition reactions of 3-aryl-5-phenyl-5H,7H-thiazolo[3,4-c]oxazol-4-ium-1-olates. <i>Tetrahedron</i> , 2002 , 58, 5093-5102	2.4	15
258	Exploring saccharinate-tetrazoles as selective Cu(II) ligands: structure, magnetic properties and cytotoxicity of copper(II) complexes based on 5-(3-aminosaccharyl)-tetrazoles. <i>RSC Advances</i> , 2016 , 6, 71628-71637	3.7	14

257	Gelatin-assisted sol-gel derived TiO ₂ microspheres for hydrogen storage. <i>International Journal of Hydrogen Energy</i> , 2015 , 40, 4945-4950	6.7	14
256	Bismuth(III) triflate-catalyzed direct conversion of corticosteroids into highly functionalized 17-ketosteroids by cleavage of the C17-dihydroxyacetone side chain. <i>Journal of Organic Chemistry</i> , 2009 , 74, 8488-91	4.2	14
255	Chiral 6-hydroxymethyl-1H,3H-pyrrolo[1,2-c]thiazoles: novel antitumor DNA monoalkylating agents. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 4676-81	6.8	14
254	The structural origin of composition-driven magnetic transformation in BiFeO ₃ -based multiferroics: a neutron diffraction study. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 6085-6090	7.1	13
253	Thermolysis of 1-(thiophen-2-yl)-1H-tetrazoles: a route to thiophene-fused imidazoles and pyrimidines. <i>Tetrahedron</i> , 2015 , 71, 3343-3350	2.4	13
252	Highly ordered luminescent calix[4]azacrown films showing an emission response selective to volatile tetrahydrofuran. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 9012-9020	7.1	13
251	Mn substitution-induced revival of the ferroelectric antiferromagnetic phase in Bi _{1-x} Ca _x FeO _{3-δ/2} multiferroics. <i>Journal of Materials Science</i> , 2015 , 50, 1740-1745	4.3	13
250	A single-crystal magnetization and neutron scattering investigation of the magnetic structure of. <i>Journal of Physics Condensed Matter</i> , 1996 , 8, 11167-11179	1.8	13
249	Bismuth(III) salt-catalyzed Westphalen and "backbone" rearrangements of 5 beta,6 beta-epoxysteroids synthesis and structural elucidation of new olefinic 19-nor and 18,19-dinorsteroids. <i>Steroids</i> , 2008 , 73, 549-61	2.8	13
248	Crystal structure of tetrakis (betaine-O,O?) dichloro-dicopper(II) dichloride tetrahydrated. <i>Journal of Chemical Crystallography</i> , 2001 , 31, 167-171	0.5	13
247	Magnetization, neutron-, and resonant x-ray-diffraction studies of U _{0.85} Th _{0.15} Sb. <i>Physical Review B</i> , 1993 , 47, 8634-8645	3.3	13
246	Magnetism of a new U-Sb phase: U ₅ Sb ₄ . <i>Physica B: Condensed Matter</i> , 1994 , 203, 137-146	2.8	13
245	Charge density of FeF ₂ . <i>Acta Crystallographica Section B: Structural Science</i> , 1989 , 45, 549-555		13
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243	Calixarene functionalization of TiO ₂ nanoarrays: an effective strategy for enhancing the sensor versatility. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 10649-10654	13	12
242	Weak ferromagnetic polar phase in the BiFe _{1-x} Ti _x O ₃ multiferroics. <i>Journal of Materials Science</i> , 2013 , 48, 3852-3856	4.3	12
241	Mn doping-induced structural and magnetic transformations in the antiferroelectric phase of the Bi _{1-x} Nd _x FeO ₃ perovskites. <i>Journal of Applied Physics</i> , 2012 , 112, 064105	2.5	12
240	Structural investigation of nitrogen-linked saccharinate-tetrazole. <i>Journal of Molecular Structure</i> , 2011 , 1003, 103-110	3.4	12

- 239 Bismuth(III) triflate-catalyzed rearrangement of 16 β -7 β -epoxy-20-oxosteroids. Synthesis and structural elucidation of new 16 β -substituted 17 β -alkyl-17 β -methyl-13-18-norsteroids. *Tetrahedron*, **2009**, 65, 6169-6178 2.4 12
- 238 Crystallographic and magnetic properties of UFe_{5.8}Al_{6.2} single crystals. *Journal of Magnetism and Magnetic Materials*, **1998**, 189, 283-292 2.8 12
- 237 Resonant x-ray scattering from UAs_{0.8}Se_{0.2}: Multi-k configurations. *Physical Review B*, **2004**, 69, 3.3 12
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- 235 Conformation of cationic N,N-dimethylglycine in dimethylglycinium trifluoroacetate. *Acta Crystallographica Section C: Crystal Structure Communications*, **2001**, 57, 417-20 12
- 234 Crystal structure of hydrated diphenylguanidinium hexafluoroferrate (III). *Journal of Fluorine Chemistry*, **2000**, 106, 77-81 2.1 12
- 233 Intramolecular dipolar cycloaddition reaction of 5H,7H-thiazolo[3,4-c]oxazol-4-ium-1-olates: synthesis of chiral 1H-pyrrolo[1,2-c]thiazole derivatives. *Journal of the Chemical Society Perkin Transactions 1*, **1999**, 1219 12
- 232 (1H-Tetrazol-5-yl)-Allenes: Building Blocks for Tetrazolyl Heterocycles. *Journal of Organic Chemistry*, **2016**, 81, 9028-9036 4.2 12
- 231 Ti doping-driven magnetic and morphological changes in multiferroic ceramics of Bi_{0.9}La_{0.1}FeO₃. *Journal Physics D: Applied Physics*, **2015**, 48, 345001 3 11
- 230 Quinolone-Hydroxyquinoline Tautomerism in Quinolone 3-Esters. Preserving the 4-Oxoquinoline Structure To Retain Antimalarial Activity. *Journal of Organic Chemistry*, **2015**, 80, 12244-57 4.2 11
- 229 Modulating the Self-Assembly of Calix[4]azacrowns to Design Materials with Improved Emission and Stimuli-Responsive Behavior. *Journal of Physical Chemistry C*, **2014**, 118, 13118-13125 3.8 11
- 228 Synthesis of New 2-Halo-2-(1H-tetrazol-5-yl)-2H-azirines via a Non-Classical Wittig Reaction. *Molecules*, **2015**, 20, 22351-63 4.8 11
- 227 Density functional and X-ray diffraction studies of bis(isocinchomeronic acid) trihydrated. *Journal of Molecular Structure*, **2007**, 837, 58-62 3.4 11
- 226 Experimental and ab-initio studies of the spectroscopic properties of N,N',N''-triphenylguanidine and N,N',N''-triphenylguanidinium chloride. *Journal of Molecular Structure*, **2008**, 878, 169-176 3.4 11
- 225 Crystal structure and properties of l-tryptophanium hydrogen selenite. *Polyhedron*, **2006**, 25, 2021-2025 2.7 11
- 224 Self-assembled diphenylalanine peptide microtubes covered by reduced graphene oxide/spiky nickel nanocomposite: An integrated nanobiomaterial for multifunctional applications. *Materials and Design*, **2018**, 142, 149-157 8.1 10
- 223 High Z? Crystal Structure of a New Polymorph of a Thioimidazole Disulfide: Importance of Conformational Flexibility. *Crystal Growth and Design*, **2018**, 18, 4167-4173 3.5 10
- 222 The reaction of azoles with 17-chloro-16-formylandrosta-5,16-dien-3 β -yl-acetate: synthesis and structural elucidation of novel 16-azolylmethylene-17-oxoandrostanes. *Steroids*, **2011**, 76, 582-7 2.8 10

221	Guanidinium benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o2783-o2783		10
220	Contribution to the synthesis of chiral allenic esters. <i>Tetrahedron Letters</i> , 2003 , 44, 6409-6412	2	10
219	F ^{δ-} H ^{δ+} F hydrogen bond in diphenylguanidinium hydrogen bifluoride. <i>Journal of Fluorine Chemistry</i> , 2001 , 107, 117-120	2.1	10
218	A New Route to Cross-Conjugated Bis(enamines) and an Unusual Reaction with DDQ. <i>Journal of Organic Chemistry</i> , 1999 , 64, 7229-7232	4.2	10
217	Composition-driven magnetic and structural phase transitions in Bi _{1-x} Pr _x Fe _{1-x} Mn _x O ₃ multiferroics. <i>Journal of Applied Physics</i> , 2017 , 122, 124103	2.5	9
216	NLO properties of a triphenylguanidine salt: The importance of pseudo-symmetry. <i>Optical Materials</i> , 2018 , 84, 606-613	3.3	9
215	5-Methylhydantoin: From Isolated Molecules in a Low-Temperature Argon Matrix to Solid State Polymorphs Characterization. <i>Journal of Physical Chemistry A</i> , 2017 , 121, 5267-5279	2.8	9
214	Betaine betainium hydrogen oxalate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001 , 57, 213-5		9
213	Strong hydrogen-bonded amino acid dimers in L-alanine alaninium nitrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001 , 57, 838-40		9
212	(R,R)-N-phenyl-3,4-bis(diphenylphosphino)pyrrolidine: an N-aryl pyrrolidine ligand for enantioselective transfer hydrogenation. <i>Journal of Molecular Catalysis A</i> , 2001 , 168, 53-59		9
211	Two anilinium salts: anilinium hydrogenphosphite and anilinium hydrogenoxalate hemihydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2000 , 56 (Pt 9), 1132-5		9
210	L-Argininium tris(acetato-O,O'-dioxouranium(III)-acetic acid)water (1/1/1). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1999 , 55, 2039-2041		9
209	Ti doping-induced magnetic and morphological transformations in Sr- and Ca-substituted BiFeO ₃ . <i>Journal of Physics Condensed Matter</i> , 2016 , 28, 166004	1.8	9
208	Structural and nonlinear optical studies of a salt with an octupolar chromophore: Guanidinium cyclopropanecarboxylate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 172, 156-162	4.4	8
207	Highly fluorescent and superparamagnetic nanosystem for biomedical applications. <i>Nanotechnology</i> , 2017 , 28, 285704	3.4	8
206	Copper(I) complexes of methyl 4-aryl-6-methyl-3,4-dihydropyrimidine-2(1H)-thione-5-carboxylates. Synthesis, characterization and activity in human breast cancer cells. <i>Inorganica Chimica Acta</i> , 2015 , 438, 160-167	2.7	8
205	Polar-antipolar transition and weak ferromagnetism in Mn-doped Bi _{0.86} La _{0.14} FeO ₃ . <i>Journal Physics D: Applied Physics</i> , 2018 , 51, 165001	3	8
204	Synthesis, spectral characterization and X-ray crystallographic study of new copper(I) complexes. Antitumor activity in colon cancer. <i>Polyhedron</i> , 2016 , 119, 112-119	2.7	8

203	Effect of Nb doping on the morphology and multiferroic behavior of Bi _{0.9} La _{0.1} FeO ₃ ceramics. <i>Materials Letters</i> , 2016 , 169, 180-184	3-3	8
202	Guanidinium 4-amino-benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o524		8
201	New approach to exclusive formation of both enantiomers of α -amino acid derivatives. <i>Tetrahedron</i> , 2008 , 64, 8141-8148	2-4	8
200	The structure of betaxolol from single crystal X-ray diffraction and natural bond orbital analysis. <i>Journal of Molecular Structure</i> , 2008 , 891, 437-442	3-4	8
199	Ethyl 4-dodecyl-3,5-dimethyl-1H-pyrrole-2-carboxylate: intermolecular interactions in an amphiphilic pyrrole. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2002 , 58, o572-4		8
198	Synthesis of novel tricyclic isoindole derivatives. <i>Tetrahedron Letters</i> , 2003 , 44, 8285-8287	2	8
197	Synthesis, structure, thermal and non-linear optical properties of L-argininium hydrogen selenite. <i>Acta Crystallographica Section B: Structural Science</i> , 2001 , 57, 828-32		8
196	N,N'-Diphenylguanidinium hydrogen (+)-L-tartrate monohydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1999 , 55, 1287-1290		8
195	Antiferromagnetic/weak ferromagnetic transition in lightly doped BiFeO ₃ : role of structural defects. <i>Journal of Materials Science</i> , 2015 , 50, 7192-7196	4-3	7
194	Synthesis, Structure, and Cytotoxicity of a New Sulphonyl-Bridged Thiadiazolyl-Saccharinate Conjugate: The Relevance of S...N Interaction. <i>Chemistry - A European Journal</i> , 2018 , 24, 3251-3262	4-8	7
193	Structural and spectroscopic characterization of the second polymorph of 1-methylhydantoin. <i>Journal of Molecular Structure</i> , 2017 , 1148, 111-118	3-4	7
192	Structural defects as a factor controlling the magnetic properties of pure and Ti-doped Bi(1-x)Ca(x)FeO(3-x/2) multiferroics. <i>Journal of Physics Condensed Matter</i> , 2015 , 27, 436002	1-8	7
191	Efficient oxidation of oleanolic acid derivatives using magnesium bis(monoperoxyphthalate) hexahydrate (MMPP): A convenient 2-step procedure towards 12-oxo-28-carboxylic acid derivatives. <i>Beilstein Journal of Organic Chemistry</i> , 2012 , 8, 164-9	2-5	7
190	N,N'-Diphenylguanidinium Hydrogenselenite Monohydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1997 , 53, 1113-1115		7
189	Density functional and X-ray diffraction studies of two polymorphs of N,N',N''-triphenylguanidine. <i>Journal of Molecular Structure</i> , 2008 , 888, 92-98	3-4	7
188	Resonant soft x-ray magnetic scattering from the 4f and 3d electrons in DyFe ₄ Al ₈ : Magnetic interactions in a cycloidal antiferromagnet. <i>Physical Review B</i> , 2007 , 75,	3-3	7
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