

# Jos A. Paixo

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

328  
papers

3,394  
citations

28  
h-index

42  
g-index

380  
ext. papers

3,693  
ext. citations

2.8  
avg. IF

5.01  
L-index

#	Paper	IF	Citations
328	Ethyl 7-Acetyl-8a-methyl-3-(1-phenyl-1H-tetrazol-5-yl)-1,4,4a,5,6,8a-hexahydro-7H-pyrano[2,3-c]pyridazine-1-carboxylate. <i>MolBank</i> , <b>2022</b> , 2022, M1338		0
327	Structural and magnetic phase transitions in Ca-substituted bismuth ferromanganites. <i>Journal of Alloys and Compounds</i> , <b>2022</b> , 901, 163682	5.7	0
326	Molecular and Crystal Structures of N-Picryl-m-phenolidine and Investigation of Single Crystal Polarized Raman Spectra. <i>Journal of Molecular Structure</i> , <b>2022</b> , 133111	3.4	
325	2,4,6-Trinitro-N-(m-tolyl)aniline: A New Polymorphic Material Exhibiting Different Colors. <i>Crystal Growth and Design</i> , <b>2021</b> , 21, 7269-7284	3.5	2
324	Large magnetization jumps in Ca-doped bismuth ferromanganite. <i>Physica B: Condensed Matter</i> , <b>2021</b> , 625, 413509	2.8	
323	On the Development of Selective Chelators for Cadmium: Synthesis, Structure and Chelating Properties of 3-((5-(trifluoromethyl)-1,3,4-thiadiazol-2-yl)amino)benzo[ <i>b</i> ]isothiazole 1,1-dioxide, a Novel Thiadiazolyl Saccharinate. <i>Molecules</i> , <b>2021</b> , 26,	4.8	1
322	Coprecipitation synthesis, stabilization, and characterization of oleic acid-coated iron oxide nanoparticles for magnetically oriented hybrid system vectorization <b>2021</b> , 273-301		
321	Electrical and magnetic characterization of Bi <sub>1-x</sub> FexNbO <sub>4</sub> ceramics. <i>Ionics</i> , <b>2021</b> , 27, 5347	2.7	1
320	Structural diversity in conducting bilayer salts (CNB-EDT-TTF) <sub>4</sub> A. <i>CrystEngComm</i> , <b>2020</b> , 22, 8313-8321	3.3	2
319	The Synthesis of 2-Spiroindolin-3-one-(thio)barbiturates from 2,1-Benzisoxazoles: A Rearrangement Promoted by Thermal Conditions. <i>Synthesis</i> , <b>2020</b> , 52, 2065-2072	2.9	1
318	Conformational Landscape and Polymorphism in 5-Acetic Acid Hydantoin. <i>Journal of Physical Chemistry A</i> , <b>2020</b> , 124, 6303-6318	2.8	2
317	Impact of the pulling rate on the redox state and magnetic domains of Fe-Si-O glass ceramic processed by LFZ method. <i>Materials Research Bulletin</i> , <b>2020</b> , 131, 110972	5.1	3
316	Thiabendazole and Thiabendazole-Formic Acid Solvate: A Computational, Crystallographic, Spectroscopic and Thermal Study. <i>Molecules</i> , <b>2020</b> , 25,	4.8	3
315	Bilayer Molecular Metal with a Polymeric Anion, [P-(CNB-EDT-TTF) <sub>6</sub> Ag]~7.95I~9.19. <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 4224-4227	3.5	3
314	Room temperature magnetoelectric coupling in a molecular ferroelectric ytterbium(III) complex. <i>Science</i> , <b>2020</b> , 367, 671-676	33.3	52
313	Asymmetric Neber Reaction in the Synthesis of Chiral 2-(Tetrazol-5-yl)-2H-Azirines. <i>Synlett</i> , <b>2020</b> , 31, 553-558	2.2	7
312	An advanced approach to control the electro-optical properties of LT-GaAs-based terahertz photoconductive antenna. <i>Materials Research Bulletin</i> , <b>2020</b> , 122, 110688	5.1	2

311	The crystal structure and Raman spectrum of the sodium salt of 5-Acetic acid hydantoin. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1222, 128897	3.4	1
310	Impedance spectroscopy studies of ErNbO <sub>4</sub> synthesised by the sol-gel method. <i>Journal of Sol-Gel Science and Technology</i> , <b>2020</b> , 96, 143-152	2.3	
309	Polymorphism in 1-methylhydantoin: investigation by periodic DFT calculations and characterization of the third polymorph. <i>CrystEngComm</i> , <b>2020</b> , 22, 6347-6359	3.3	2
308	Quantum effects in electrical transport properties of Bismuth chalcogenides Topological Insulators. <i>EPJ Web of Conferences</i> , <b>2020</b> , 233, 01001	0.3	
307	Magnetic studies of monoclinic Cu <sub>4</sub> O(SeO <sub>3</sub> ) <sub>3</sub> , a copper-oxo-selenite derivative. <i>EPJ Web of Conferences</i> , <b>2020</b> , 233, 01002	0.3	
306	Nanoengineered nickel/reduced graphene oxide composites: Control of interfacial nanostructure for tunable electrophysical properties. <i>Applied Surface Science</i> , <b>2019</b> , 498, 143781	6.7	1
305	The structural origin of composition-driven magnetic transformation in BiFeO <sub>3</sub> -based multiferroics: a neutron diffraction study. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 6085-6090	7.1	13
304	The RC circuit with an Olympic twist. <i>Physics Education</i> , <b>2019</b> , 54, 035002	0.8	
303	Effect of combined Ca/Ti and Ca/Nb substitution on the crystal and magnetic structure of BiFeO <sub>3</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , <b>2019</b> , 491, 165561	2.8	5
302	Temperature-driven structural transformations in Ca/Ti- and Ba/Ti-doped BiFeO <sub>3</sub> . <i>Materials Letters</i> , <b>2019</b> , 254, 305-308	3.3	3
301	Paramagnetic rare-earth oxide Nd <sub>2</sub> O <sub>3</sub> investigated by muon spin spectroscopy. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	3
300	Strong impact of LiNbO <sub>3</sub> fillers on local electromechanical and electrochemical properties of P(VDF-TrFe) polymer disclosed via scanning probe microscopy. <i>Applied Surface Science</i> , <b>2019</b> , 470, 1093-1100	6.7	5
299	A correlation between crystal structure and magnetic properties in co-doped BiFeO <sub>3</sub> ceramics. <i>Journal of Physics and Chemistry of Solids</i> , <b>2019</b> , 126, 164-169	3.9	16
298	Synthesis and magnetic studies of nanocrystalline Cu <sub>2</sub> OSeO <sub>3</sub> , a chiral topological magnet. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2019</b> , 474, 122-126	2.8	3
297	Molecular and crystal structures and spectroscopic properties of 2-oxo-2-(Thiophen-2-yl) ethyl phosphonic acid. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1178, 73-82	3.4	
296	Weak ferromagnetic state in the polar phase of Bi <sub>1-x</sub> CaxFe <sub>1-x/2</sub> Nbx/2O <sub>3</sub> multiferroics. <i>Materials Letters</i> , <b>2019</b> , 235, 46-48	3.3	4
295	Magnetocaloric effect, electric, and dielectric properties of Nd <sub>0.6</sub> Sr <sub>0.4</sub> MnxCo <sub>1-x</sub> O <sub>3</sub> composites. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2018</b> , 457, 126-134	2.8	17
294	Thermopower and magnetocaloric properties in NdSrMnO/CrO <sub>3</sub> composites. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2018</b> , 456, 217-222	2.8	6

293	Synthesis, Structure, and Cytotoxicity of a New Sulphonyl-Bridged Thiadiazolyl-Saccharinate Conjugate: The Relevance of S...N Interaction. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 3251-3262	4.8	7
292	Self-assembled diphenylalanine peptide microtubes covered by reduced graphene oxide/spiky nickel nanocomposite: An integrated nanobiomaterial for multifunctional applications. <i>Materials and Design</i> , <b>2018</b> , 142, 149-157	8.1	10
291	Polar-antipolar transition and weak ferromagnetism in Mn-doped Bi <sub>0.86</sub> La <sub>0.14</sub> FeO <sub>3</sub> . <i>Journal Physics D: Applied Physics</i> , <b>2018</b> , 51, 165001	3	8
290	Synthesis, physicochemical and optical properties of bis-thiosemicarbazone functionalized graphene oxide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2018</b> , 188, 183-188	4.4	21
289	Robust weak anti-localisation effect in strongly textured nanocrystalline Bi <sub>2</sub> Se <sub>3</sub> samples. <i>Physica B: Condensed Matter</i> , <b>2018</b> , 536, 51-55	2.8	2
288	NLO properties of a triphenylguanidine salt: The importance of pseudo-symmetry. <i>Optical Materials</i> , <b>2018</b> , 84, 606-613	3.3	9
287	Calixarene functionalization of TiO <sub>2</sub> nanoarrays: an effective strategy for enhancing the sensor versatility. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 10649-10654	13	12
286	A novel approach to study the conductivity behavior of CaCu <sub>3</sub> Ti <sub>4</sub> O <sub>12</sub> using scanning probe microscopy technique. <i>MRS Communications</i> , <b>2018</b> , 8, 932-937	2.7	2
285	High Z? Crystal Structure of a New Polymorph of a Thioimidazole Disulfide: Importance of Conformational Flexibility. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 4167-4173	3.5	10
284	Synthesis, structural and spectroscopic studies of 2-oxoacenaphthylen-1(2H)-ylidene nicotinohydrazide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2017</b> , 172, 189-198	4.4	1
283	l-Histidinium thiocyanurate: Experimental and theoretical studies of a new nonlinear optical material. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2017</b> , 172, 168-173	4.4	0
282	Structural and nonlinear optical studies of a salt with an octupolar chromophore: Guanidinium cyclopropanecarboxylate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2017</b> , 172, 156-162	4.4	8
281	On the ordeal of quinolone preparation via cyclisation of aryl-enamines; synthesis and structure of ethyl 6-methyl-7-iodo-4-(3-iodo-4-methylphenoxy)-quinoline-3-carboxylate. <i>Pure and Applied Chemistry</i> , <b>2017</b> , 89, 765-780	2.1	4
280	Hetero-Diels-Alder and Ring-Opening Reactions of Furans Applied to the Synthesis of Functionalized Heterocycles. <i>European Journal of Organic Chemistry</i> , <b>2017</b> , 2017, 4011-4025	3.2	18
279	Highly fluorescent and superparamagnetic nanosystem for biomedical applications. <i>Nanotechnology</i> , <b>2017</b> , 28, 285704	3.4	8
278	Magnetostructural correlations in BiFeO <sub>3</sub> -based multiferroics. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 3623-3629	7.1	27
277	Composition-driven magnetic and structural phase transitions in Bi <sub>1-x</sub> Pr <sub>x</sub> Fe <sub>1-x</sub> Mn <sub>x</sub> O <sub>3</sub> multiferroics. <i>Journal of Applied Physics</i> , <b>2017</b> , 122, 124103	2.5	9
276	Synthesis and structure of 2-substituted pyrene-derived scaffolds. <i>Tetrahedron Letters</i> , <b>2017</b> , 58, 4547-4550		5

275	Enhancement of local piezoelectric properties of a perforated ferroelectric thin film visualized via piezoresponse force microscopy. <i>Journal Physics D: Applied Physics</i> , <b>2017</b> , 50, 425303	3	2
274	Investigation of micro- and nanoscale barrier layer capacitance mechanisms of conductivity in CaCu <sub>3</sub> Ti <sub>4</sub> O <sub>12</sub> via scanning probe microscopy technique. <i>RSC Advances</i> , <b>2017</b> , 7, 40695-40704	3.7	15
273	Structural and spectroscopic characterization of the second polymorph of 1-methylhydantoin. <i>Journal of Molecular Structure</i> , <b>2017</b> , 1148, 111-118	3.4	7
272	5-Methylhydantoin: From Isolated Molecules in a Low-Temperature Argon Matrix to Solid State Polymorphs Characterization. <i>Journal of Physical Chemistry A</i> , <b>2017</b> , 121, 5267-5279	2.8	9
271	Synthesis, spectral characterization and X-ray crystallographic study of new copper(I) complexes. Antitumor activity in colon cancer. <i>Polyhedron</i> , <b>2016</b> , 119, 112-119	2.7	8
270	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> , <b>2016</b> , 6, 71628-71637	3.7	14
269	Composition- and magnetic field-driven antiferromagnetic-weak ferromagnetic transition in Bi <sub>1-x</sub> CaxFe <sub>1-x</sub> TixO <sub>3</sub> multiferroics. <i>Materials Letters</i> , <b>2016</b> , 183, 69-72	3.3	2
268	Effect of Nb doping on the morphology and multiferroic behavior of Bi <sub>0.9</sub> La <sub>0.1</sub> FeO <sub>3</sub> ceramics. <i>Materials Letters</i> , <b>2016</b> , 169, 180-184	3.3	8
267	Ti doping-induced magnetic and morphological transformations in Sr- and Ca-substituted BiFeO <sub>3</sub> . <i>Journal of Physics Condensed Matter</i> , <b>2016</b> , 28, 166004	1.8	9
266	(1H-Tetrazol-5-yl)-Allenes: Building Blocks for Tetrazolyl Heterocycles. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 9028-9036	4.2	12
265	Isolated hydrogen configurations in zirconia as seen by muon spin spectroscopy and ab initio calculations. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	18
264	Antiferromagnetic-weak ferromagnetic transition in lightly doped BiFeO <sub>3</sub> : role of structural defects. <i>Journal of Materials Science</i> , <b>2015</b> , 50, 7192-7196	4.3	7
263	Ti doping-driven magnetic and morphological changes in multiferroic ceramics of Bi <sub>0.9</sub> La <sub>0.1</sub> FeO <sub>3</sub> . <i>Journal Physics D: Applied Physics</i> , <b>2015</b> , 48, 345001	3	11
262	Heterogeneous Precipitation Derived Al <sub>2</sub> O <sub>3</sub> /ZrO <sub>2</sub> Composite. <i>Materials Today: Proceedings</i> , <b>2015</b> , 2, 303-308	1.4	1
261	Preparation and crystal structure of U <sub>3</sub> Fe <sub>2</sub> C <sub>5</sub> : An original uranium-iron carbide. <i>Journal of Nuclear Materials</i> , <b>2015</b> , 464, 299-303	3.3	
260	Thermolysis of 1-(thiophen-2-yl)-1H-tetrazoles: a route to thiophene-fused imidazoles and pyrimidines. <i>Tetrahedron</i> , <b>2015</b> , 71, 3343-3350	2.4	13
259	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> , <b>2015</b> , 438, 160-167	2.7	8
258	Exploring the Chemistry of Furans: Synthesis of Functionalized Bis(furan-2-yl)methanes and 1,6-Dihydropyridazines. <i>European Journal of Organic Chemistry</i> , <b>2015</b> , 2015, 6146-6151	3.2	20

257	Synthesis, structural and conformational analysis, and IR spectra of ethyl 4-chloro-7-iodoquinoline-3-carboxylate. <i>Tetrahedron</i> , <b>2015</b> , 71, 7583-7592	2.4	4
256	Quinolone-Hydroxyquinoline Tautomerism in Quinolone 3-Esters. Preserving the 4-Oxoquinoline Structure To Retain Antimalarial Activity. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 12244-57	4.2	11
255	Structure and photochemistry of a saccharyl thiotetrazole. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 392-400	4.0	12
254	Synthesis of New 2-Halo-2-(1H-tetrazol-5-yl)-2H-azirines via a Non-Classical Wittig Reaction. <i>Molecules</i> , <b>2015</b> , 20, 22351-63	4.8	11
253	Nanostructured Titania Photoanodes for Dye Solar Cells. <i>Materials Today: Proceedings</i> , <b>2015</b> , 2, 141-146	1.4	3
252	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> , <b>2015</b> , 27, 436002	1.8	7
251	Gelatin-assisted sol-gel derived TiO <sub>2</sub> microspheres for hydrogen storage. <i>International Journal of Hydrogen Energy</i> , <b>2015</b> , 40, 4945-4950	6.7	14
250	Mn substitution-induced revival of the ferroelectric antiferromagnetic phase in Bi <sub>1-x</sub> Ca <sub>x</sub> FeO <sub>3-x/2</sub> multiferroics. <i>Journal of Materials Science</i> , <b>2015</b> , 50, 1740-1745	4.3	13
249	Structural and magnetic phase transitions in Bi <sub>1-x</sub> Nd <sub>x</sub> Fe <sub>1-x</sub> Mn <sub>x</sub> O <sub>3</sub> multiferroics. <i>Journal of Applied Physics</i> , <b>2014</b> , 115, 034102	2.5	16
248	Experimental and theoretical studies of the second- and third-order NLO properties of a semi-organic compound: 6-Aminoquinolinium iodide monohydrate. <i>Chemical Physics</i> , <b>2014</b> , 428, 67-74	2.3	29
247	Highly ordered luminescent calix[4]azacrown films showing an emission response selective to volatile tetrahydrofuran. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 9012-9020	7.1	13
246	Modulating the Self-Assembly of Calix[4]azacrowns to Design Materials with Improved Emission and Stimuli-Responsive Behavior. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 13118-13125	3.8	11
245	Crystal structure, matrix-isolation FTIR, and UV-induced conformational isomerization of 3-quinolinecarboxaldehyde. <i>Journal of Physical Chemistry A</i> , <b>2014</b> , 118, 8708-16	2.8	4
244	Columnar Formation in Sodium Triphenylacetate. <i>Journal of Chemical Crystallography</i> , <b>2014</b> , 44, 543-547	0.5	
243	Spontaneous magnetization in the polar phase of Bi <sub>1-x</sub> Ca <sub>x</sub> FeO <sub>3-x/2</sub> perovskites: The role of anion vacancies. <i>Journal of Applied Physics</i> , <b>2014</b> , 116, 214105	2.5	15
242	Weak ferromagnetism and nanodimensional ferroelectric domain structure stabilized in the polar phase of Bi <sub>1-x</sub> Nd <sub>x</sub> FeO <sub>3</sub> multiferroics via Ti doping. <i>Journal of Applied Physics</i> , <b>2014</b> , 115, 164101	2.5	18
241	Solid state photochromism and thermochromism of two related N-salicylidene anilines. <i>Chemical Physics</i> , <b>2014</b> , 444, 43-51	2.3	29
240	Weak ferromagnetic polar phase in the BiFe <sub>1-x</sub> Ti <sub>x</sub> O <sub>3</sub> multiferroics. <i>Journal of Materials Science</i> , <b>2013</b> , 48, 3852-3856	4.3	12

239	Electric Properties of Single-Phased BiFeO <sub>3</sub> Ceramics. <i>Ferroelectrics</i> , <b>2013</b> , 452, 57-62	0.6	
238	Perovskite xBiInO <sub>3</sub> -(1-x)PbTiO <sub>3</sub> Crystals. <i>Ferroelectrics</i> , <b>2013</b> , 457, 39-43	0.6	
237	Development of High Curie Temperature Ferroelectric xBi(Sc <sub>0.5</sub> ,Yb <sub>0.5</sub> )O <sub>3</sub> (1-x)PbTiO <sub>3</sub> Single Crystals. <i>Ferroelectrics</i> , <b>2013</b> , 447, 33-39	0.6	1
236	Novel erbium(III) complexes with 2,6-dimethyl-3,5-heptanedione and different N,N-donor ligands for ormosil and PMMA matrices doping. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 5701	7.1	29
235	Composition- and temperature-driven structural transitions in Bi(1-x)Ca(x)FeO <sub>3</sub> multiferroics: a neutron diffraction study. <i>Journal of Physics Condensed Matter</i> , <b>2013</b> , 25, 135902	1.8	27
234	Charge Transport and Sensitized 1.5 eV 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> , <b>2013</b> , 117, 10020-10030	3.8	59
233	Chiral 6,7-bis(hydroxymethyl)-1H,3H-pyrrolo[1,2-c]thiazoles with anti-breast cancer properties. <i>European Journal of Medicinal Chemistry</i> , <b>2013</b> , 60, 254-62	6.8	41
232	Mn substitution-modified polar phase in the Bi <sub>1-x</sub> NdxFeO <sub>3</sub> multiferroics. <i>Journal of Applied Physics</i> , <b>2013</b> , 113, 214112	2.5	19
231	XAFS and Dielectric Study for Pb(Fe <sub>1/2</sub> Nb <sub>1/2</sub> )O <sub>3</sub> -PbTiO <sub>3</sub> Crystals. <i>Ferroelectrics</i> , <b>2013</b> , 448, 17-22	0.6	2
230	Generating Flexibility in Inclusion Compounds that Possess Solvent-Accessible Voids: An Alternative Route to Control Pore Size in Three-Dimensional Nanoporous Molecular Crystals. <i>Crystal Growth and Design</i> , <b>2013</b> , 13, 4512-4517	3.5	6
229	Synchrotron Radiation Topography on Domain Structure Induced by DC Electric Field in PZNT Ferroelectric Crystals. <i>Key Engineering Materials</i> , <b>2013</b> , 538, 105-108	0.4	
228	Structural and magnetic phase transitions in Bi <sub>1-x</sub> Pr <sub>x</sub> FeO <sub>3</sub> perovskites. <i>Journal of Materials Science</i> , <b>2012</b> , 47, 1578-1581	4.3	55
227	2-Quinolinecarboxaldehyde: Polymorphic behavior of a small rigid molecule. <i>Journal of Molecular Structure</i> , <b>2012</b> , 1030, 67-74	3.4	6
226	Amplification of the linear and nonlinear optical response of a chiral molecular crystal. <i>Journal of Chemical Physics</i> , <b>2012</b> , 136, 134501	3.9	17
225	Molecular structure of nitrogen-linked methyltetrazole-saccharinates. <i>Journal of Molecular Structure</i> , <b>2012</b> , 1023, 128-142	3.4	17
224	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> , <b>2012</b> , 8, 164-9	2.5	7
223	Mn doping-induced structural and magnetic transformations in the antiferroelectric phase of the Bi <sub>1-x</sub> NdxFeO <sub>3</sub> perovskites. <i>Journal of Applied Physics</i> , <b>2012</b> , 112, 064105	2.5	12
222	Mn substitution-driven structural and magnetic phase evolution in Bi <sub>1-x</sub> Sm <sub>x</sub> FeO <sub>3</sub> multiferroics. <i>Journal of Applied Physics</i> , <b>2012</b> , 111, 014110	2.5	24

221	Effect of Mn substitution on crystal structure and magnetic properties of Bi <sub>1-x</sub> Pr <sub>x</sub> FeO <sub>3</sub> multiferroics. <i>Journal Physics D: Applied Physics</i> , <b>2012</b> , 45, 045302	3	28
220	Structural transitions and unusual magnetic behavior in Mn-doped Bi <sub>1-x</sub> La <sub>x</sub> FeO <sub>3</sub> perovskites. <i>Journal of Applied Physics</i> , <b>2012</b> , 112, 084102	2.5	21
219	5 $\beta$ -Ep-oxy-7-norcholestan-3 $\beta$ yl acetate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o237		
218	N-Hexyl-3-(4-hydroxy-3,5-dimethoxyphenyl)propanamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o1603-4		
217	The reaction of azoles with 17-chloro-16-formylandrosta-5,16-dien-3 $\beta$ yl-acetate: synthesis and structural elucidation of novel 16-azolylmethylene-17-oxoandrostanes. <i>Steroids</i> , <b>2011</b> , 76, 582-7	2.8	10
216	Structural investigation of nitrogen-linked saccharinate-tetrazole. <i>Journal of Molecular Structure</i> , <b>2011</b> , 1003, 103-110	3.4	12
215	Structural phase evolution in Bi <sub>7/8</sub> Ln <sub>1/8</sub> FeO <sub>3</sub> (Ln = La, Dy) series. <i>Materials Letters</i> , <b>2011</b> , 65, 1970-1972	3.3	27
214	Structural, ferroelectric and magnetic properties of Bi <sub>0.85</sub> Sm <sub>0.15</sub> FeO <sub>3</sub> perovskite. <i>Crystal Research and Technology</i> , <b>2011</b> , 46, 238-242	1.3	39
213	Substitution-driven structural and magnetic phase transitions in Bi <sub>0.86</sub> (La, Sm) <sub>0.14</sub> FeO <sub>3</sub> system. <i>Journal Physics D: Applied Physics</i> , <b>2011</b> , 44, 185406	3	30
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94	Synchrotron radiation study of neptunium phosphide. <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	4
93	Resonant x-ray scattering from multi-k magnetic structures. <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	18
92	Crystal structure of calcium doped strontium betaine chloride tetrahydrate, (C <sub>5</sub> N <sub>0</sub> 2H <sub>11</sub> )Ca <sub>0.18</sub> Sr <sub>0.82</sub> Cl <sub>2</sub> · 4H <sub>2</sub> O. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2002</b> , 217, 79-80	0.2	
91	Crystal structure of iminodiacetic acid monomethyl ester monohydrate, C <sub>5</sub> H <sub>9</sub> NO <sub>4</sub> · H <sub>2</sub> O. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2002</b> , 217, 535-536	0.2	
90	Reactivity of 2-halo-2H-azirines. 1. Reactions with nucleophiles. <i>Journal of Organic Chemistry</i> , <b>2002</b> , 67, 66-71	4.2	40
89	Triple-q(→) octupolar ordering in NpO <sub>2</sub> . <i>Physical Review Letters</i> , <b>2002</b> , 89, 187202	7.4	157
88	Synthesis of chiral pyrrolo[1,2-c]thiazoles via intramolecular dipolar cycloaddition of m̄chnones: an interesting rearrangement to pyrrolo[1,2-c]thiazines. <i>Journal of Organic Chemistry</i> , <b>2002</b> , 67, 4045-54 <sup>4-2</sup>		43
87	NMR and X-ray diffraction studies of the complexation of D-(+)-Quinic acid with tungsten(VI) and molybdenum(VI). <i>Dalton Transactions RSC</i> , <b>2002</b> , 2126-2131		25
86	X-ray and deuterium labeling studies on the abnormal ring cleavages of a 5 beta-epoxide precursor of formestane. <i>Steroids</i> , <b>2002</b> , 67, 311-9	2.8	16
85	Crystal structure of trimethylglycine 2-hydroxy-1,2,3-propanetricarboxylic acid (1:1) adduct, C <sub>6</sub> O <sub>7</sub> H <sub>8</sub> · C <sub>5</sub> N <sub>0</sub> 2H <sub>11</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2002</b> , 217, 77-78	0.2	2
84	Betaine betainium hydrogen oxalate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2001</b> , 57, 213-5		9
83	N-[tris(hydroxymethyl)methyl]glycine(tricine). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2001</b> , 57, 421-2		2
82	Conformation of cationic N,N-dimethylglycine in dimethylglycinium trifluoroacetate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2001</b> , 57, 417-20		12
81	16alpha,17alpha-Epoxy-20-oxopregn-5-en-3beta-yl acetate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2001</b> , 57, 587-9		3
80	An oxo-centred trinuclear FeIII complex: triaquahexakis(mu <sub>2</sub> -betaine-O:O)mu <sub>3</sub> -oxo-triiron(III) bis(tetrachloromanganate) trichloride hexahydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2001</b> , 57, 542-5		4
79	Betainium trifluoroacetate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2001</b> , 57, 761-3		3
78	Strong hydrogen-bonded amino acid dimers in L-alanine alaninium nitrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2001</b> , 57, 838-40		9

77	Synthesis, structure, thermal and non-linear optical properties of L-argininium hydrogen selenite. <i>Acta Crystallographica Section B: Structural Science</i> , <b>2001</b> , 57, 828-32		8
76	5 $\beta$ -Androst-3-en-17-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2001</b> , 57, o189-o191		2
75	16 $\beta$ -Hydroxy-20-oxopregn-5-en-3 $\beta$ -yl acetate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2001</b> , 57, o571-o573		
74	F $\cdots$ H $\cdots$ F hydrogen bond in diphenylguanidinium hydrogen bifluoride. <i>Journal of Fluorine Chemistry</i> , <b>2001</b> , 107, 117-120	2.1	10
73	Diastereoselective hydroformylation of $\Delta^4$ -steroids with rhodium $\pi$ -phosphite catalysts. <i>Tetrahedron: Asymmetry</i> , <b>2001</b> , 12, 1083-1087		20
72	(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> , <b>2001</b> , 168, 53-59		9
71	Crystal structure of tetrakis (Ebetaine-O,O?) dichloro-dicopper(II) dichloride tetrahydrated. <i>Journal of Chemical Crystallography</i> , <b>2001</b> , 31, 167-171	0.5	13
70	Magnetic structures of MFe <sub>4</sub> +Al <sub>8</sub> (M=Lu,Y). <i>Physical Review B</i> , <b>2001</b> , 63,	3.3	25
69	Conformational flexibility of tricine as a chelating agent in catena-poly-[[[(tricinato)copper(II)]- $\mu$ -chloro]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2001</b> , 57, 9-11		7
68	Dichlorobis(glycocyanine-O)copper(II). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2001</b> , 57, 7-8		3
67	Crystal structure of bis(diphenylguanidinium) pentafluorovanadate, (C <sub>13</sub> H <sub>14</sub> N <sub>3</sub> ) <sub>2</sub> VF <sub>5</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2001</b> , 216, 271-272	0.2	2
66	Crystal structure of catena-diaquadichloro- $\mu$ -2-(methylglycine-O,O $\phi$ -manganese(II),C <sub>3</sub> H <sub>11</sub> Cl <sub>2</sub> MnNO <sub>4</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2001</b> , 216, 441-442	0.2	5
65	Two anilinium salts: anilinium hydrogenphosphite and anilinium hydrogenoxalate hemihydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2000</b> , 56 (Pt 9), 1132-5		9
64	Sarcosinium trifluoroacetate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2000</b> , 56 ( Pt 8), 1053-5		6
63	C-H $\cdots$ $\pi$ interactions in 9-(n-dodecylaminomethyl)anthracene. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2000</b> , 56 (Pt 9), 1136-8		2
62	Benzyl 5-carboxy-4-ethyl-3-methylpyrrole-2-carboxylate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2000</b> , 56 ( Pt 10), 1263-4		1
61	3-Hydroxybenzaldehyde. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2000</b> , 56 Pt 11, 1348-50		5
60	2,4-Dibromo-3-methoxy-6-nitrobenzaldehyde: effect of substituents on ring geometry. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2000</b> , 56 (Pt 12), 1501-2		



59	Sodium diphenylacetate, an infinite columnar structure. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2000</b> , 56 (Pt 2), 168-70		4
58	2-bromo-5-hydroxybenzaldehyde. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2000</b> , 56 (Pt 3), 354-5		5
57	Crystal structure of hydrated diphenylguanidinium hexafluoroferrate (III). <i>Journal of Fluorine Chemistry</i> , <b>2000</b> , 106, 77-81	2.1	12
56	Intermolecular Dipolar Cycloaddition Reactions of 5H,7H-Thiazolo[3,4-c]oxazol-4-ium-1-olates. <i>Tetrahedron</i> , <b>2000</b> , 56, 3419-3424	2.4	16
55	Crystal structure of the nonlinear optical compound L-arginine fluoride. <i>Journal of Chemical Crystallography</i> , <b>2000</b> , 30, 411-414	0.5	6
54	Very short F-H...F hydrogen bond in L-argininium fluoride hydrogen fluoride. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2000</b> , 56 (Pt 1), 104-6		4
53	Crystal structure of diphenylguanidinium dihydrogenphosphite[phosphoric acid]water (2/1/1), 2[(C13N3H14)(H2PO3)] · H3PO3 · H2O. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2000</b> , 215, 352-354	0.2	
52	Neutron-scattering study of the magnetic structure of DyFe4Al8 and HoFe4Al8. <i>Physical Review B</i> , <b>2000</b> , 61, 6176-6188	3.3	39
51	Neutron and synchrotron diffraction study of UPtGe. <i>Physical Review B</i> , <b>2000</b> , 62, 3801-3810	3.3	30
50	Magnetization density distribution in. <i>Journal of Physics Condensed Matter</i> , <b>1999</b> , 11, 2115-2125	1.8	2
49	Magnetic site susceptibilities in UPdSn. <i>Journal of Physics Condensed Matter</i> , <b>1999</b> , 11, 2127-2138	1.8	1
48	Changes in 5d Band Polarization in Rare-Earth Compounds. <i>Physical Review Letters</i> , <b>1999</b> , 82, 2187-2190	7.4	31
47	3,17-Dioxo-4-oxaandrostane-5-carbaldehyde. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1999</b> , 55, 637-639		
46	A new orthorhombic phase of N,N-diphenylguanidine. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1999</b> , 55, 1037-1040		4
45	17-Oxo-17a-oxa-17a-homo-5 $\beta$ -androstane-3 $\beta$ -diyl diacetate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1999</b> , 55, 1186-1188		
44	(R)-Spiro[(2R)-N-acetyl-2-phenyl-1,3-thiazolidine-4,3C(3aR,6aS)-5C6aQdimethyl-3aQ6aQdihydro-3H-furo[2,3-b]furan-2-one]		1
43	N,N-diphenylguanidinium dihydrogen phosphate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1999</b> , 55, 1096-1099		5
42	Bis(N,N-diphenylguanidinium) oxalate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1999</b> , 55, 1290-1292		

41	N,N-Diphenylguanidinium hydrogen (+)-L-tartrate monohydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1999</b> , 55, 1287-1290		8
40	3 $\beta$ -Hydroxy-5 $\beta$ -androstane-4,17-dione. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1999</b> , 55, 2149-2151		
39	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. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1999</b> , 1219		12
38	A New Route to Cross-Conjugated Bis(enamines) and an Unusual Reaction with DDQ. <i>Journal of Organic Chemistry</i> , <b>1999</b> , 64, 7229-7232	4.2	10
37	Crystal structure of L-argininium diphenylacetate, C <sub>6</sub> H <sub>15</sub> N <sub>4</sub> O <sub>2</sub> +C <sub>14</sub> H <sub>11</sub> O <sub>2</sub> -. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>1999</b> , 214, 326-328	0.2	1
36	Crystal structure of anilinium Perchlorate, C <sub>6</sub> H <sub>5</sub> NH <sub>3</sub> +ClO <sub>4</sub> -. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>1999</b> , 214, 85-86	0.2	4
35	Crystal structure of glycinium arsenate, C <sub>2</sub> NH <sub>8</sub> O <sub>2</sub> +AsO <sub>4</sub> -. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>1999</b> , 214, 535-536	0.2	1
34	L-Arginium tris(acetato-O,O-dioxouranium(III))acetic acid·water (1/1/1). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1999</b> , 55, 2039-2041		9
33	Crystallographic and magnetic properties of UFe <sub>5.8</sub> Al <sub>6.2</sub> single crystals. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1998</b> , 189, 283-292	2.8	12
32	3 $\beta$ ,4 $\beta$ -Dihydroxy-5 $\beta$ -androstane-17-one. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1998</b> , 54, 89-91		3
31	(2R,3R)-2,3-Dibenzoyloxy-1,4-bis(diphenylphosphino)butane. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1998</b> , 54, 264-266		0
30	Potassium 3-Formyl-2,4-dinitrophenolate Dihydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1998</b> , 54, 618-621		
29	Methyl 2-(2-Methoxyphenyl)-2,3,3a,4,6,6a-hexahydro-1H-thieno[3,4-b]pyrrole-6a-carboxylate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1998</b> , 54, 803-805		
28	N,N-Diphenylguanidinium Nitrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1998</b> , 54, 805-808		6
27	1,3-Diphenylguanidinium Trifluoroacetate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1998</b> , 54, 1484-1486		3
26	Magnetization density in. <i>Journal of Physics Condensed Matter</i> , <b>1998</b> , 10, 4071-4079	1.8	4
25	Magnetic sublattice interactions in UFe <sub>4</sub> Al <sub>8</sub> . <i>Physical Review B</i> , <b>1997</b> , 55, 14370-14377	3.3	57
24	Expedient synthesis of lactone analogues of formestane as new potential aromatase inhibitors. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1997</b> , 3487-3490		4

23	Unusual magnetic interactions in compounds with the ThMn <sub>12</sub> structure. <i>Physica B: Condensed Matter</i> , <b>1997</b> , 234-236, 614-616	2.8	21
22	3 $\beta$ H-Epoxy-5 $\beta$ -Androstan-17-one. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1997</b> , 53, 347-349		2
21	2,4-Dibromo-5-hydroxybenzaldehyde. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1997</b> , 53, 494-496		3
20	3 $\beta$ H-Epoxy-5 $\beta$ -Androstan-17-one. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1997</b> , 53, 938-940		2
19	N,N $\alpha$ -Diphenylguanidinium Hydrogenselenite Monohydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1997</b> , 53, 1113-1115		7
18	Molecular structure and charge density analysis of p-methoxybenzoic acid (anisic acid). <i>Journal of Molecular Structure</i> , <b>1997</b> , 435, 207-218	3.4	17
17	A single-crystal magnetization and neutron scattering investigation of the magnetic structure of. <i>Journal of Physics Condensed Matter</i> , <b>1996</b> , 8, 11167-11179	1.8	13
16	A new magnetic intermetallic compound: UFe <sub>6</sub> Ga <sub>6</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , <b>1996</b> , 157-158, 692-693	2.8	5
15	A New Allotropic Form of trans-Dichlorobis(creatinine)platinum(II) Dihydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1996</b> , 52, 2450-2452		3
14	3 $\beta$ H-Dihydroxy-5 $\beta$ -Androstan-17-one. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1996</b> , 52, 2892-2894		3
13	Synthesis, structure and thermal behavior of benzyltrimethylammonium trihydrogen selenite. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , <b>1995</b> , 210, 929-933	1	4
12	Field dependence of magnetic structure of UPd <sub>2</sub> Al <sub>3</sub> in the normal state. <i>Physical Review B</i> , <b>1994</b> , 49, 7072-7075	3.3	19
11	Magnetism of a new U-Sb phase: U <sub>5</sub> Sb <sub>4</sub> . <i>Physica B: Condensed Matter</i> , <b>1994</b> , 203, 137-146	2.8	13
10	Structure of URuAl by single-crystal neutron diffraction at 120 K. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , <b>1994</b> , 209, 594-596	1	2
9	Magnetization density in heavy-fermion UPd <sub>2</sub> Al <sub>3</sub> . <i>Journal of Physics Condensed Matter</i> , <b>1993</b> , 5, 8905-8910	10	26
8	Evidence for Anisotropic Hybridization in Uranium Compounds. <i>Europhysics Letters</i> , <b>1993</b> , 24, 607-611	1.6	31
7	Magnetization, neutron-, and resonant x-ray-diffraction studies of U <sub>0.85</sub> Th <sub>0.15</sub> Sb. <i>Physical Review B</i> , <b>1993</b> , 47, 8634-8645	3.3	13
6	Weak Reflections in the Laves Phase FeBe <sub>2</sub> . <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , <b>1993</b> , 48, 47-50	1.4	

5	Charge densities of two rutile structures: NiF <sub>2</sub> and CoF <sub>2</sub> . <i>Acta Crystallographica Section B: Structural Science</i> , <b>1993</b> , 49, 591-599		24
4	Magnetization density in URhAl-evidence for hybridization effects. <i>Journal of Physics Condensed Matter</i> , <b>1992</b> , 4, 829-846	1.8	49
3	Magnetic phase diagram of the dilute Cr-Ge system. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1992</b> , 104-107, 735-736	2.8	7
2	Charge density of FeF <sub>2</sub> . <i>Acta Crystallographica Section B: Structural Science</i> , <b>1989</b> , 45, 549-555		13
1	Portrayal of the color polymorphism in the 5-acetyl-derivative of ROY. <i>CrystEngComm</i> ,	3.3	1