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List of Publications by Year in descending order

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4183
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Triple- q^+ Octupolar Ordering in NpO_2 . <i>Physical Review Letters</i> , 2002, 89, 187202. | 2.9 | 168 |
| 2 | Room temperature magnetoelectric coupling in a molecular ferroelectric ytterbium(III) complex. <i>Science</i> , 2020, 367, 671-676. | 6.0 | 114 |
| 3 | Effect of Sm substitution on ferroelectric and magnetic properties of BiFeO_3 . <i>Scripta Materialia</i> , 2010, 62, 238-241. | 2.6 | 95 |
| 4 | One-step synthesis of dipyrromethanes in water. <i>Tetrahedron Letters</i> , 2003, 44, 3971-3973. | 0.7 | 91 |
| 5 | Rhombohedral-to-orthorhombic transition and multiferroic properties of Dy-substituted BiFeO_3 . <i>Journal of Applied Physics</i> , 2010, 108, . | 1.1 | 86 |
| 6 | Microwave-assisted synthesis of porphyrins and metalloporphyrins: a rapid and efficient synthetic method. <i>Journal of Porphyrins and Phthalocyanines</i> , 2007, 11, 77-84. | 0.4 | 66 |
| 7 | Charge Transport and Sensitized 1.5 μm Electroluminescence Properties of Full Solution-Processed NIR-OLED based on Novel Er(III) Fluorinated β^2 -Diketonate Ternary Complex. <i>Journal of Physical Chemistry C</i> , 2013, 117, 10020-10030. | 1.5 | 65 |
| 8 | Magnetic sublattice interactions in UFe_4Al_8 . <i>Physical Review B</i> , 1997, 55, 14370-14377. | 1.1 | 59 |
| 9 | Structural and magnetic phase transitions in $\text{Bi}_{1-x}\text{Pr}_x\text{FeO}_3$ perovskites. <i>Journal of Materials Science</i> , 2012, 47, 1578-1581. | 1.7 | 58 |
| 10 | Magnetization density in URhAl -evidence for hybridization effects. <i>Journal of Physics Condensed Matter</i> , 1992, 4, 829-846. | 0.7 | 53 |
| 11 | Bismuth triflate-catalyzed Wagner-Meerwein rearrangement in terpenes. Application to the synthesis of the 18 β -oleanane core and A-neo-18 β -oleanene compounds from lupanes. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 508-517. | 1.5 | 53 |
| 12 | 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, 254-262. | 2.6 | 52 |
| 13 | Conformational Isomorphism of Organic Crystals: Racemic and Homochiral Atenolol. <i>Crystal Growth and Design</i> , 2007, 7, 496-500. | 1.4 | 50 |
| 14 | Synthesis of Chiral Pyrrolo[1,2-c]thiazoles via Intramolecular Dipolar Cycloaddition of β - γ - δ - ϵ - ζ - η - θ - ι - κ - λ - μ - ν - ξ - \omicron - π - ρ - σ - τ - υ - ϕ - χ - ψ - ω -nonones: An Interesting Rearrangement to Pyrrolo[1,2-c]thiazines. <i>Journal of Organic Chemistry</i> , 2002, 67, 4045-4054. | 1.7 | 49 |
| 15 | Multipolar ordering in NpO_2 below 25 K. <i>Journal of Physics Condensed Matter</i> , 2003, 15, S2287-S2296. | 0.7 | 48 |
| 16 | Reactivity of 2-Halo-2H-azirines. 1. Reactions with Nucleophiles. <i>Journal of Organic Chemistry</i> , 2002, 67, 66-71. | 1.7 | 46 |
| 17 | Structural, ferroelectric and magnetic properties of $\text{Bi}_{0.85}\text{Sm}_{0.15}\text{FeO}_3$ perovskite. <i>Crystal Research and Technology</i> , 2011, 46, 238-242. | 0.6 | 43 |
| 18 | N-Vinyl- and C-Vinylpyrroles from Azafulvenium Methides. Flash Vacuum Pyrolysis Route to 5-Oxo-5H-pyrrolizines and 1-Azabenzofulvenenes. <i>Journal of Organic Chemistry</i> , 2005, 70, 6629-6638. | 1.7 | 42 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Neutron-scattering study of the magnetic structure of DyFe ₄ Al ₈ and HoFe ₄ Al ₈ . <i>Physical Review B</i> , 2000, 61, 6176-6188. | 1.1 | 41 |
| 20 | Resonant x-ray scattering study of magnetic-dipole and electric-quadrupole order in U _{0.75} Np _{0.25} O ₂ . <i>Physical Review B</i> , 2004, 70, . | 1.1 | 36 |
| 21 | Solid state photochromism and thermochromism of two related N-salicylidene anilines. <i>Chemical Physics</i> , 2014, 444, 43-51. | 0.9 | 36 |
| 22 | 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> , 2013, 1, 5701. | 2.7 | 35 |
| 23 | 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> , 2014, 428, 67-74. | 0.9 | 35 |
| 24 | Novel Asymmetric Wittig Reaction: Synthesis of Chiral Allenic Esters. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 4830-4839. | 1.2 | 34 |
| 25 | Magnetostructural correlations in BiFeO ₃ -based multiferroics. <i>Journal of Materials Chemistry C</i> , 2017, 5, 3623-3629. | 2.7 | 33 |
| 26 | Changes in 5d Band Polarization in Rare-Earth Compounds. <i>Physical Review Letters</i> , 1999, 82, 2187-2190. | 2.9 | 32 |
| 27 | Intermediate structural phases in rare-earth substituted BiFeO ₃ . <i>Materials Research Bulletin</i> , 2010, 45, 416-419. | 2.7 | 32 |
| 28 | Composition- and temperature-driven structural transitions in Bi _{1-x} Ca _x FeO ₃ multiferroics: a neutron diffraction study. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 135902. | 0.7 | 32 |
| 29 | Charge densities of two rutile structures: NiF ₂ and CoF ₂ . <i>Acta Crystallographica Section B: Structural Science</i> , 1993, 49, 591-599. | 1.8 | 31 |
| 30 | Evidence for Anisotropic Hybridization in Uranium Compounds. <i>Europhysics Letters</i> , 1993, 24, 607-611. | 0.7 | 31 |
| 31 | Neutron and synchrotron diffraction study of UPtGe. <i>Physical Review B</i> , 2000, 62, 3801-3810. | 1.1 | 31 |
| 32 | Substitution-driven structural and magnetic phase transitions in Bi _{0.86} (La, Sm) _{0.14} FeO ₃ system. <i>Journal Physics D: Applied Physics</i> , 2011, 44, 185406. | 1.3 | 31 |
| 33 | Effect of Mn substitution on crystal structure and magnetic properties of Bi _{1-x} Pr _x FeO ₃ multiferroics. <i>Journal Physics D: Applied Physics</i> , 2012, 45, 045302. | 1.3 | 31 |
| 34 | Magnetization density in heavy-fermion UPd ₂ Al ₃ . <i>Journal of Physics Condensed Matter</i> , 1993, 5, 8905-8910. | 0.7 | 29 |
| 35 | Pyrrolidine-based amino alcohols: novel ligands for the enantioselective alkylation of benzaldehyde. <i>Journal of Molecular Catalysis A</i> , 2003, 195, 1-9. | 4.8 | 29 |
| 36 | Oxidation of $\hat{1}^4$ - and $\hat{1}^5$ -Steroids with Hydrogen Peroxide Catalyzed by Porphyrin Complexes of Mn(III) and Fe(III). <i>European Journal of Organic Chemistry</i> , 2004, 2004, 4778-4787. | 1.2 | 29 |

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|----|--|-----|-----------|
| 37 | Structural phase evolution in Bi _{7/8} Ln _{1/8} FeO ₃ (Ln=La–Dy) series. <i>Materials Letters</i> , 2011, 65, 1970-1972. | 1.3 | 29 |
| 38 | Structural transitions and unusual magnetic behavior in Mn-doped Bi _{1-x} LaxFeO ₃ perovskites. <i>Journal of Applied Physics</i> , 2012, 112, . | 1.1 | 28 |
| 39 | Mn substitution-driven structural and magnetic phase evolution in Bi _{1-x} SmxFeO ₃ multiferroics. <i>Journal of Applied Physics</i> , 2012, 111, 014110. | 1.1 | 28 |
| 40 | 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. | 1.7 | 28 |
| 41 | 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. | 1.9 | 27 |
| 42 | Magnetic structures of MFe ₄ +Al ₈ (M=Lu,Y). <i>Physical Review B</i> , 2001, 63, . | 1.1 | 26 |
| 43 | Chemistry of Diazafulvenium Methides in the Synthesis of Functionalized Pyrazoles. <i>Journal of Organic Chemistry</i> , 2007, 72, 4406-4415. | 1.7 | 26 |
| 44 | 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. | 2.3 | 25 |
| 45 | Effect of Gd substitution on ferroelectric and magnetic properties of Bi ₄ Ti ₃ O ₁₂ . <i>Materials Letters</i> , 2010, 64, 1066-1068. | 1.3 | 25 |
| 46 | Diastereoselective Aza-Baylis–Hillman Reactions: Synthesis of Chiral Allenylamines and Azetines from Allenic Esters. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 3249-3256. | 1.2 | 24 |
| 47 | Mn substitution-modified polar phase in the Bi _{1-x} NdxFeO ₃ multiferroics. <i>Journal of Applied Physics</i> , 2013, 113, 214112. | 1.1 | 24 |
| 48 | Isolated hydrogen configurations in zirconia as seen by muon spin spectroscopy and <i>ab initio</i> calculations. <i>Physical Review B</i> , 2016, 94, . | 1.1 | 24 |
| 49 | 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. | 1.0 | 24 |
| 50 | 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. | 2.0 | 24 |
| 51 | 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. | 1.2 | 23 |
| 52 | Unusual magnetic interactions in compounds with the ThMn ₁₂ structure. <i>Physica B: Condensed Matter</i> , 1997, 234-236, 614-616. | 1.3 | 22 |
| 53 | Diastereoselective hydroformylation of $\hat{1}^4$ -steroids with rhodium–phosphite catalysts. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 1083-1087. | 1.8 | 22 |
| 54 | 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, 2607-2617. | 1.1 | 22 |

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| 55 | Heteroê€Dielsê€Alder and Ringê€Opening Reactions of Furans Applied to the Synthesis of Functionalized Heterocycles. European Journal of Organic Chemistry, 2017, 2017, 4011-4025. | 1.2 | 22 |
| 56 | Resonant x-ray scattering from multi-kmagnetic structures. Physical Review B, 2002, 66, . | 1.1 | 21 |
| 57 | Weak ferromagnetism and nanodimensional ferroelectric domain structure stabilized in the polar phase of Bi1âˆ“xNdxFeO3 multiferroics via Ti doping. Journal of Applied Physics, 2014, 115, . | 1.1 | 21 |
| 58 | Field dependence of magnetic structure of UPd2Al3 in the normal state. Physical Review B, 1994, 49, 7072-7075. | 1.1 | 20 |
| 59 | Hydroformylation of hindered double bonds of natural products with rhodium catalysts: The effect of 3-acetoxy substituent. Journal of Molecular Catalysis A, 2007, 275, 121-129. | 4.8 | 20 |
| 60 | Structural and magnetic phase transitions in Bi1âˆ“xNdxFe1âˆ“xMnxO3 multiferroics. Journal of Applied Physics, 2014, 115, . | 1.1 | 20 |
| 61 | Low temperature polymorphism in 3-amino-1-propanol. Journal of Molecular Structure, 2003, 649, 143-153. | 1.8 | 19 |
| 62 | Resonant x-ray scattering from LaSr2Mn2O7 at the Mn K-edge. Physical Review B, 2003, 68, . | 1.1 | 19 |
| 63 | Molecular structure of nitrogen-linked methyltetrazole-saccharinates. Journal of Molecular Structure, 2012, 1023, 128-142. | 1.8 | 19 |
| 64 | Gelatin-assisted solâ€gel derived TiO2 microspheres for hydrogen storage. International Journal of Hydrogen Energy, 2015, 40, 4945-4950. | 3.8 | 19 |
| 65 | X-ray and deuterium labeling studies on the abnormal ring cleavages of a 5 ¹² -epoxide precursor of formestane. Steroids, 2002, 67, 311-319. | 0.8 | 18 |
| 66 | Cycloaddition reactions of 3-aryl-5-phenyl-5H,7H-thiazolo[3,4-c]oxazol-4-ium-1-olates. Tetrahedron, 2002, 58, 5093-5102. | 1.0 | 18 |
| 67 | Resonant x-ray scattering study of $\frac{Np}{Rh} \frac{Ga}{Mn} \frac{5}{5}$ and $\frac{Np}{Rh} \frac{Ga}{Mn} \frac{11}{5}$ | 1.1 | 18 |
| 68 | Bismuth(III) Triflate-Catalyzed Direct Conversion of Corticosteroids into Highly Functionalized 17-Ketosteroids by Cleavage of the α -C-17-Dihydroxyacetone Side Chain. Journal of Organic Chemistry, 2009, 74, 8488-8491. | 1.7 | 18 |
| 69 | Amplification of the linear and nonlinear optical response of a chiral molecular crystal. Journal of Chemical Physics, 2012, 136, 134501. | 1.2 | 18 |
| 70 | Exploring saccharinate-tetrazoles as selective Cu(II) ligands: structure, magnetic properties and cytotoxicity of copper(II) complexes based on 5-(3-aminosaccharyl)-tetrazoles. RSC Advances, 2016, 6, 71628-71637. | 1.7 | 18 |
| 71 | Molecular structure and charge density analysis of p-methoxybenzoic acid (anisic acid). Journal of Molecular Structure, 1997, 435, 207-218. | 1.8 | 17 |
| 72 | Intermolecular Dipolar Cycloaddition Reactions of 5H,7H-Thiazolo[3,4-c]oxazol-4-ium-1-olates. Tetrahedron, 2000, 56, 3419-3424. | 1.0 | 17 |

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|----|---|-----|-----------|
| 73 | Spontaneous magnetization in the polar phase of $\text{Bi}_{1-x}\text{Ca}_x\text{FeO}_3$ perovskites: The role of anion vacancies. <i>Journal of Applied Physics</i> , 2014, 116, 214105. | 1.1 | 17 |
| 74 | Thermolysis of 1-(thiophen-2-yl)-1H-tetrazoles: a route to thiophene-fused imidazoles and pyrimidines. <i>Tetrahedron</i> , 2015, 71, 3343-3350. | 1.0 | 17 |
| 75 | Quinolone Hydroxyquinoline Tautomerism in Quinolone 3-Esters. Preserving the 4-Oxoquinoline Structure To Retain Antimalarial Activity. <i>Journal of Organic Chemistry</i> , 2015, 80, 12244-12257. | 1.7 | 17 |
| 76 | (1H-Tetrazol-5-yl)-Allenes: Building Blocks for Tetrazolyl Heterocycles. <i>Journal of Organic Chemistry</i> , 2016, 81, 9028-9036. | 1.7 | 17 |
| 77 | Magnetism of a new U-Sb phase: U_5Sb_4 . <i>Physica B: Condensed Matter</i> , 1994, 203, 137-146. | 1.3 | 16 |
| 78 | Bismuth(III) salt-catalyzed Westphalen and backbone rearrangements of 5 β ,6 β -epoxysteroids. <i>Steroids</i> , 2008, 73, 549-561. | 0.8 | 16 |
| 79 | Chiral 6-hydroxymethyl-1H,3H-pyrrolo[1,2-c]thiazoles: Novel antitumor DNA monoalkylating agents. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 4676-4681. | 2.6 | 16 |
| 80 | 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. | 2.7 | 16 |
| 81 | 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. | 2.7 | 16 |
| 82 | Magnetization, neutron-, and resonant x-ray-diffraction studies of $\text{U}_{0.85}\text{Th}_{0.15}\text{Sb}$. <i>Physical Review B</i> , 1993, 47, 8634-8645. | 1.1 | 15 |
| 83 | Bismuth(III) triflate-catalyzed rearrangement of 16 β ,17 α -epoxy-20-oxosteroids. Synthesis and structural elucidation of new 16 β -substituted 17 α -alkyl-17 β -methyl-13-18-norsteroids. <i>Tetrahedron</i> , 2009, 65, 6169-6178. ^{1.0} | 1.0 | 15 |
| 84 | Mn doping-induced structural and magnetic transformations in the antiferroelectric phase of the $\text{Bi}_{1-x}\text{Nd}_x\text{FeO}_3$ perovskites. <i>Journal of Applied Physics</i> , 2012, 112, 064105. | 1.1 | 15 |
| 85 | Synthesis of New 2-Halo-2-(1H-tetrazol-5-yl)-2H-azirines via a Non-Classical Wittig Reaction. <i>Molecules</i> , 2015, 20, 22351-22363. | 1.7 | 15 |
| 86 | Crystallographic and magnetic properties of $\text{UFe}_5.8\text{Al}_6.2$ single crystals. <i>Journal of Magnetism and Magnetic Materials</i> , 1998, 189, 283-292. | 1.0 | 14 |
| 87 | Crystal structure of tetrakis (1/4-betaine-O, O^2) dichloro-dicopper(II) dichloride tetrahydrated. <i>Journal of Chemical Crystallography</i> , 2001, 31, 167-171. | 0.5 | 14 |
| 88 | Resonant x-ray scattering from $\text{UAs}_0.8\text{Se}_0.2$: Multi-kconfigurations. <i>Physical Review B</i> , 2004, 69, . | 1.1 | 14 |
| 89 | Synthesis of tricyclic isoindoles and thiazolo[3,2-c][1,3]benzoxazines. <i>Tetrahedron</i> , 2004, 60, 3949-3955. | 1.0 | 14 |
| 90 | Structural investigation of nitrogen-linked saccharinate tetrazole. <i>Journal of Molecular Structure</i> , 2011, 1003, 103-110. | 1.8 | 14 |

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|-----|---|-----|-----------|
| 91 | Weak ferromagnetic polar phase in the $\text{BiFe}_{1-x}\text{Ti}_x\text{O}_3$ multiferroics. <i>Journal of Materials Science</i> , 2013, 48, 3852-3856. | 1.7 | 14 |
| 92 | Mn substitution-induced revival of the ferroelectric antiferromagnetic phase in $\text{Bi}_{1-x}\text{Ca}_x\text{FeO}_3$ multiferroics. <i>Journal of Materials Science</i> , 2015, 50, 1740-1745. | 1.7 | 14 |
| 93 | NLO properties of a triphenylguanidine salt: The importance of pseudo-symmetry. <i>Optical Materials</i> , 2018, 84, 606-613. | 1.7 | 14 |
| 94 | 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. | 5.2 | 14 |
| 95 | High $Z\hat{\epsilon}^2$ Crystal Structure of a New Polymorph of a Thioimidazole Disulfide: Importance of Conformational Flexibility. <i>Crystal Growth and Design</i> , 2018, 18, 4167-4173. | 1.4 | 14 |
| 96 | Charge density of FeF_2 . <i>Acta Crystallographica Section B: Structural Science</i> , 1989, 45, 549-555. | 1.8 | 13 |
| 97 | A single-crystal magnetization and neutron scattering investigation of the magnetic structure of. <i>Journal of Physics Condensed Matter</i> , 1996, 8, 11167-11179. | 0.7 | 13 |
| 98 | 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> , 1999, , 1219. | 0.9 | 13 |
| 99 | Crystal structure and properties of l-tryptophanium hydrogen selenite. <i>Polyhedron</i> , 2006, 25, 2021-2025. | 1.0 | 13 |
| 100 | Ti doping-induced magnetic and morphological transformations in Sr- and Ca-substituted BiFeO_3 . <i>Journal of Physics Condensed Matter</i> , 2016, 28, 166004. | 0.7 | 13 |
| 101 | Composition-driven magnetic and structural phase transitions in $\text{Bi}_{1-x}\text{Pr}_x\text{Fe}_{1-x}\text{Mn}_x\text{O}_3$ multiferroics. <i>Journal of Applied Physics</i> , 2017, 122, 124103. | 1.1 | 13 |
| 102 | Polar-antipolar transition and weak ferromagnetism in Mn-doped $\text{Bi}_{0.86}\text{La}_{0.14}\text{FeO}_3$. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 165001. | 1.3 | 13 |
| 103 | A New Route to Cross-Conjugated Bis(enamines) and an Unusual Reaction with DDQ. <i>Journal of Organic Chemistry</i> , 1999, 64, 7229-7232. | 1.7 | 12 |
| 104 | Crystal structure of hydrated diphenylguanidinium hexafluoroferrate (III). <i>Journal of Fluorine Chemistry</i> , 2000, 106, 77-81. | 0.9 | 12 |
| 105 | Conformation of cationic N,N-dimethylglycine in dimethylglycinium trifluoroacetate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001, 57, 417-420. | 0.4 | 12 |
| 106 | (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. | 4.8 | 12 |
| 107 | Experimental and ab-initio studies of the spectroscopic properties of N,N $\hat{\epsilon}^2$,N $\hat{\epsilon}^3$ -triphenylguanidine and N,N $\hat{\epsilon}^2$,N $\hat{\epsilon}^3$ -triphenylguanidinium chloride. <i>Journal of Molecular Structure</i> , 2008, 878, 169-176. | 1.8 | 12 |
| 108 | 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> , 2014, 118, 13118-13125. | 1.5 | 12 |

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|-----|---|-----|-----------|
| 109 | Structure and Photochemistry of a Saccharyl Thiotetrazole. <i>Journal of Organic Chemistry</i> , 2015, 80, 392-400. | 1.7 | 12 |
| 110 | Highly fluorescent and superparamagnetic nanosystem for biomedical applications. <i>Nanotechnology</i> , 2017, 28, 285704. | 1.3 | 12 |
| 111 | 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. | 1.1 | 12 |
| 112 | F ⁻ ...H ⁺ ...F hydrogen bond in diphenylguanidinium hydrogen bifluoride. <i>Journal of Fluorine Chemistry</i> , 2001, 107, 117-120. | 0.9 | 11 |
| 113 | Density functional and X-ray diffraction studies of bis(isocinchomeric acid) trihydrated. <i>Journal of Molecular Structure</i> , 2007, 837, 58-62. | 1.8 | 11 |
| 114 | Ti doping-driven magnetic and morphological changes in multiferroic ceramics of Bi _{0.9} La _{0.1} FeO ₃ . <i>Journal Physics D: Applied Physics</i> , 2015, 48, 345001. | 1.3 | 11 |
| 115 | Self-assembled diphenylalanine peptide microtubes covered by reduced graphene oxide/spiky nickel nanocomposite: An integrated nanobiomaterial for multifunctional applications. <i>Materials and Design</i> , 2018, 142, 149-157. | 3.3 | 11 |
| 116 | Crystal structure of the nonlinear optical compound L-arginine fluoride. <i>Journal of Chemical Crystallography</i> , 2000, 30, 411-414. | 0.5 | 10 |
| 117 | Betaine betainium hydrogen oxalate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001, 57, 213-215. | 0.4 | 10 |
| 118 | Strong hydrogen-bonded amino acid dimers in L-alanine alaninium nitrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001, 57, 838-840. | 0.4 | 10 |
| 119 | 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-o574. | 0.4 | 10 |
| 120 | Synthesis of novel tricyclic isoindole derivatives. <i>Tetrahedron Letters</i> , 2003, 44, 8285-8287. | 0.7 | 10 |
| 121 | Contribution to the synthesis of chiral allenic esters. <i>Tetrahedron Letters</i> , 2003, 44, 6409-6412. | 0.7 | 10 |
| 122 | Guanidinium benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o2783-o2783. | 0.2 | 10 |
| 123 | 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. | 1.8 | 10 |
| 124 | Activation of hydrocinnamic acids with pentafluorophenol versus pentafluorothiophenol: Reactivity towards hexylamine. <i>Journal of Fluorine Chemistry</i> , 2009, 130, 169-174. | 0.9 | 10 |
| 125 | Guanidinium 4-aminobenzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o524-o524. | 0.2 | 10 |
| 126 | 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. <i>Steroids</i> , 2011, 76, 582-587. | 0.8 | 10 |

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|-----|--|-----|-----------|
| 127 | Structural defects as a factor controlling the magnetic properties of pure and Ti-doped Bi _{1-x} Ca _x FeO ₃ multiferroics. <i>Journal of Physics Condensed Matter</i> , 2015, 27, 436002. | 0.7 | 10 |
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