

# Filipe A Almeida Paz

## List of Publications by Year in descending order

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417  
papers

13,164  
citations

36303

51  
h-index

33894

99  
g-index

450  
all docs

450  
docs citations

450  
times ranked

12669  
citing authors

#	ARTICLE	IF	CITATIONS
1	Luminescent multifunctional lanthanides-based metal-organic frameworks. <i>Chemical Society Reviews</i> , 2011, 40, 926-940.	38.1	1,459
2	Multifunctional metal-organic frameworks: from academia to industrial applications. <i>Chemical Society Reviews</i> , 2015, 44, 6774-6803.	38.1	766
3	Ligand design for functional metal-organic frameworks. <i>Chemical Society Reviews</i> , 2012, 41, 1088-1110.	38.1	725
4	Microwave-Assisted Synthesis of Metal-Organic Frameworks. <i>Dalton Transactions</i> , 2011, 40, 321-330.	3.3	441
5	Adsorption of propane, propylene and isobutane on a metal-organic framework: Molecular simulation and experiment. <i>Chemical Engineering Science</i> , 2009, 64, 3246-3259.	3.8	206
6	Visible-Light Excited Luminescent Thermometer Based on Single Lanthanide Organic Frameworks. <i>Advanced Functional Materials</i> , 2016, 26, 8677-8684.	14.9	188
7	A bifunctional luminescent single-ion magnet: towards correlation between luminescence studies and magnetic slow relaxation processes. <i>Chemical Communications</i> , 2012, 48, 9974.	4.1	171
8	Synthesis and Characterization of a Novel Cadmium-Organic Framework with Trimesic Acid and 1,2-Bis(4-pyridyl)ethane. <i>Inorganic Chemistry</i> , 2004, 43, 3948-3954.	4.0	159
9	Interconvertible Modular Framework and Layered Lanthanide(III)-Etidronic Acid Coordination Polymers. <i>Journal of the American Chemical Society</i> , 2008, 130, 150-167.	13.7	153
10	Photoluminescent Thermometer Based on a Phase-Transition Lanthanide Silicate with Unusual Structural Disorder. <i>Journal of the American Chemical Society</i> , 2015, 137, 3051-3058.	13.7	141
11	An efficient oxidative desulfurization process using terbium-polyoxometalate@MIL-101(Cr). <i>Catalysis Science and Technology</i> , 2013, 3, 2404.	4.1	135
12	Luminescent and Magnetic Cyano-Bridged Coordination Polymers Containing 4d <sup>4</sup> f Ions: Toward Multifunctional Materials. <i>Inorganic Chemistry</i> , 2009, 48, 5983-5995.	4.0	134
13	Two- and Three-Dimensional Cadmium-Organic Frameworks with Trimesic Acid and 4,4'-Trimethylenedipyridine. <i>Inorganic Chemistry</i> , 2004, 43, 3882-3893.	4.0	131
14	Metal-organic frameworks: a future toolbox for biomedicine?. <i>Chemical Society Reviews</i> , 2020, 49, 9121-9153.	38.1	130
15	Chemically feasible hypothetical crystalline networks. <i>Nature Materials</i> , 2004, 3, 234-238.	27.5	128
16	A Luminescent and Magnetic Cyano-Bridged Tb <sup>3+</sup> Mo <sup>5+</sup> Coordination Polymer: toward Multifunctional Materials. <i>Inorganic Chemistry</i> , 2008, 47, 775-777.	4.0	128
17	Packing Interactions in Hydrated and Anhydrous Forms of the Antibiotic Ciprofloxacin: a Solid-State NMR, X-ray Diffraction, and Computer Simulation Study. <i>Journal of the American Chemical Society</i> , 2012, 134, 71-74.	13.7	128
18	Spectroscopic Study of a UV-Photostable Organic-Inorganic Hybrids Incorporating an Eu <sup>3+</sup> $\beta$ -Diketonate Complex. <i>ChemPhysChem</i> , 2006, 7, 735-746.	2.1	127

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19	Photoluminescent 3D Lanthanide <sup>III</sup> Organic Frameworks with 2,5-Pyridinedicarboxylic and 1,4-Phenylenediacetic Acids. <i>Crystal Growth and Design</i> , 2008, 8, 2505-2516.	3.0	112
20	Photoluminescent Layered Lanthanide Silicates. <i>Journal of the American Chemical Society</i> , 2004, 126, 10410-10417.	13.7	107
21	Monovacant polyoxometalates incorporated into MIL-101(Cr): novel heterogeneous catalysts for liquid phase oxidation. <i>Applied Catalysis A: General</i> , 2013, 453, 316-326.	4.3	103
22	Photo <sup>III</sup> Click Chemistry to Design Highly Efficient Lanthanide <sup>II</sup> -Diketonate Complexes Stable under UV Irradiation. <i>Chemistry of Materials</i> , 2013, 25, 586-598.	6.7	96
23	Photoluminescent Lanthanide-Organic Bilayer Networks with 2,3-Pyrazinedicarboxylate and Oxalate. <i>Inorganic Chemistry</i> , 2010, 49, 3428-3440.	4.0	94
24	Tb <sup>3+</sup> +Eu <sup>3+</sup> Energy Transfer in Mixed-Lanthanide-Organic Frameworks. <i>Journal of Physical Chemistry C</i> , 2012, 116, 19951-19957.	3.1	94
25	Porphyrim and phthalocyanine glycodendritic conjugates: synthesis, photophysical and photochemical properties. <i>Chemical Communications</i> , 2012, 48, 3608.	4.1	93
26	Multi-functional rare-earth hybrid layered networks: photoluminescence and catalysis studies. <i>Journal of Materials Chemistry</i> , 2009, 19, 2618.	6.7	90
27	A High-Nuclearity 3d/4f Metal Oxime Cluster: An Unusual Ni <sub>8</sub> Dy <sub>8</sub> Core <sup>III</sup> Shell <sup>III</sup> Complex from the Use of 2-Pyridinealdoxime. <i>Inorganic Chemistry</i> , 2010, 49, 9743-9745.	4.0	89
28	Structural and Photoluminescence Studies of a Europium(III) Tetrakis( <sup>II</sup> -diketonate) Complex with Tetrabutylammonium, Imidazolium, Pyridinium and Silica-Supported Imidazolium Counterions. <i>Inorganic Chemistry</i> , 2009, 48, 4882-4895.	4.0	86
29	Chemical Evaluation of Hypothetical Uninodal Zeolites. <i>Journal of the American Chemical Society</i> , 2004, 126, 9769-9775.	13.7	83
30	Theoretical and Experimental Studies of the Photoluminescent Properties of the Coordination Polymer [Eu(DPA)(HDPDA)(H <sub>2</sub> O) <sub>2</sub> ] <sub>n</sub> ·4H <sub>2</sub> O. <i>Journal of Physical Chemistry B</i> , 2008, 112, 4204-4212.	2.6	81
31	Porphyrim-Based Metal-Organic Frameworks as Heterogeneous Catalysts in Oxidation Reactions. <i>Molecules</i> , 2016, 21, 1348.	3.8	80
32	Metal <sup>III</sup> Organic Frameworks assembled from tetraphosphonic ligands and lanthanides. <i>Coordination Chemistry Reviews</i> , 2018, 355, 133-149.	18.8	80
33	Evaluation of [Ln(H <sub>2</sub> cmp)(H <sub>2</sub> O)] Metal Organic Framework Materials for Potential Application as Magnetic Resonance Imaging Contrast Agents. <i>Inorganic Chemistry</i> , 2010, 49, 2969-2974.	4.0	75
34	White OLED based on a temperature sensitive Eu <sup>3+</sup> /Tb <sup>3+</sup> <sup>II</sup> -diketonate complex. <i>Organic Electronics</i> , 2014, 15, 798-808.	2.6	74
35	Three-Dimensional Lanthanide <sup>III</sup> Organic Frameworks Based on Di-, Tetra-, and Hexameric Clusters. <i>Crystal Growth and Design</i> , 2009, 9, 2098-2109.	3.0	71
36	Photoluminescent Lanthanide <sup>III</sup> Organic 2D Networks: A Combined Synchrotron Powder X-ray Diffraction and Solid-State NMR Study. <i>Chemistry of Materials</i> , 2007, 19, 3527-3538.	6.7	67

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37	Fast detection of nitroaromatics using phosphonate pyrene motifs as dual chemosensors. <i>Chemical Communications</i> , 2014, 50, 9683-9686.	4.1	65
38	Excimer Formation in a Terbium Metal-Organic Framework Assists Luminescence Thermometry. <i>Chemistry of Materials</i> , 2017, 29, 9547-9554.	6.7	65
39	Chloramphenicol-cyclodextrin inclusion compounds: co-dissolution and mechanochemical preparations and antibacterial action. <i>CrystEngComm</i> , 2013, 15, 2822.	2.6	63
40	Novel cerium(IV) heteropolyoxotungstate containing two types of lacunary Keggin anions. <i>Chemical Communications</i> , 2004, , 2656.	4.1	61
41	Thermal Transformation of a Layered Multifunctional Network into a Metal-Organic Framework Based on a Polymeric Organic Linker. <i>Journal of the American Chemical Society</i> , 2011, 133, 15120-15138.	13.7	59
42	Synthesis and catalytic properties in olefin epoxidation of dioxomolybdenum(VI) complexes bearing a bidentate or tetradentate salen-type ligand. <i>Journal of Molecular Catalysis A</i> , 2007, 270, 185-194.	4.8	58
43	Ligand-Assisted Rational Design and Supramolecular Tectonics toward Highly Luminescent Eu <sup>3+</sup> -Containing Organic-Inorganic Hybrids. <i>Chemistry of Materials</i> , 2009, 21, 5099-5111.	6.7	58
44	New porphyrin derivatives for phosphate anion sensing in both organic and aqueous media. <i>Chemical Communications</i> , 2014, 50, 1359-1361.	4.1	58
45	Modeling, Structural, and Spectroscopic Studies of Lanthanide-Organic Frameworks. <i>Journal of Physical Chemistry B</i> , 2009, 113, 12181-12188.	2.6	57
46	Investigation of Molybdenum Tetracarbonyl Complexes As Precursors to Mo <sup>VI</sup> Catalysts for the Epoxidation of Olefins. <i>Organometallics</i> , 2010, 29, 883-892.	2.3	57
47	Synthesis, Structure, and Catalytic Performance in Cyclooctene Epoxidation of a Molybdenum Oxide/Bipyridine Hybrid Material: {[MoO <sub>3</sub> (bipy)][MoO <sub>3</sub> (H <sub>2</sub> O)]} <sub>n</sub> . <i>Inorganic Chemistry</i> , 2010, 49, 6865-6873.	4.0	57
48	Structural Evaluation of Systematically Enumerated Hypothetical Uninodal Zeolites. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 3896-3899.	13.8	56
49	Hydro-Ionothermal Synthesis of Lanthanide-Organic Frameworks with 1,4-Phenylenebis(methylene)diphosphonate. <i>Crystal Growth and Design</i> , 2008, 8, 3917-3920.	3.0	56
50	Molecule-Like Eu <sup>3+</sup> -Dimers Embedded in an Extended System Exhibit Unique Photoluminescence Properties. <i>Journal of the American Chemical Society</i> , 2009, 131, 8620-8626.	13.7	55
51	Phosphonate Appended Porphyrins as Versatile Chemosensors for Selective Detection of Trinitrotoluene. <i>Analytical Chemistry</i> , 2015, 87, 4515-4522.	6.5	53
52	One-dimensional silver(I) chain of lacunary $\beta$ -Keggin anions. <i>Chemical Communications</i> , 2006, , 2953-2955.	4.1	52
53	Theoretical and Experimental Spectroscopic Approach of Fluorinated Ln <sup>3+</sup> - $\beta$ -Diketonate Complexes. <i>Journal of Physical Chemistry A</i> , 2010, 114, 7928-7936.	2.5	52
54	Lanthanide-polyphosphonate coordination polymers combining catalytic and photoluminescence properties. <i>Chemical Communications</i> , 2013, 49, 6400.	4.1	51

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55	Chemistry and Catalytic Activity of Molybdenum(VI)-Pyrazolylpyridine Complexes in Olefin Epoxidation. Crystal Structures of Monomeric Dioxo, Dioxo- $\lambda^4$ -oxo, and Oxodiperoxo Derivatives. <i>Inorganic Chemistry</i> , 2011, 50, 525-538.	4.0	50
56	Multi-functional metal-organic frameworks assembled from a tripodal organic linker. <i>Journal of Materials Chemistry</i> , 2012, 22, 18354.	6.7	50
57	Highly Enantioselective 1,4-Michael Additions of Nucleophiles to Unsaturated Aryl Ketones with Organocatalysis by Bifunctional Cinchona Alkaloids. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 3449-3458.	2.4	49
58	Using pyridine amidoximes in 3d-metal cluster chemistry: a novel ferromagnetic Ni <sub>12</sub> complex from the use of pyridine-2-amidoxime. <i>Dalton Transactions</i> , 2008, , 3153.	3.3	48
59	Amino acid-functionalized cyclopentadienyl molybdenum tricarbonyl complex and its use in catalytic olefin epoxidation. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 1826-1833.	1.8	47
60	Robust Multifunctional Yttrium-Based Metal-Organic Frameworks with Breathing Effect. <i>Inorganic Chemistry</i> , 2017, 56, 1193-1208.	4.0	47
61	A Highly Efficient Dioxo( $\lambda^4$ -oxo)molybdenum(VI) Dimer Catalyst for Olefin Epoxidation. <i>Inorganic Chemistry</i> , 2007, 46, 8508-8510.	4.0	46
62	Hypothetical Zeolitic Frameworks: In Search of Potential Heterogeneous Catalysts. <i>Journal of Physical Chemistry C</i> , 2008, 112, 1040-1047.	3.1	46
63	Molybdenum(vi) catalysts obtained from $\lambda^3$ -allyl dicarbonyl precursors: Synthesis, characterization and catalytic performance in cyclooctene epoxidation. <i>Dalton Transactions</i> , 2012, 41, 3474.	3.3	45
64	Novel heterogeneous catalysts based on lanthanopolyoxometalates supported on MIL-101(Cr). <i>Catalysis Today</i> , 2013, 218-219, 35-42.	4.4	45
65	Hypothetical binodal zeolitic frameworks. <i>Acta Crystallographica Section B: Structural Science</i> , 2005, 61, 263-279.	1.8	44
66	Optimised hydrothermal synthesis of multi-dimensional hybrid coordination polymers containing flexible organic ligands. <i>Progress in Solid State Chemistry</i> , 2005, 33, 113-125.	7.2	44
67	Synthesis, Crystal Structure, and Modelling of a New Tetramer Complex of Europium. <i>Journal of Physical Chemistry B</i> , 2007, 111, 9228-9238.	2.6	44
68	Synthesis and Catalytic Properties of Molybdenum(VI) Complexes with Tris(3,5-dimethyl-1-pyrazolyl)methane. <i>Inorganic Chemistry</i> , 2011, 50, 3490-3500.	4.0	44
69	An Octanuclear Molybdenum(VI) Complex Containing Coordinatively Bound 4,4'-di-tert-Butyl-2,2'-Bipyridine, [Mo <sub>8</sub> O <sub>22</sub> (OH) <sub>4</sub> (di-tBu-bipy) <sub>4</sub> ]: Synthesis, Structure, and Catalytic Epoxidation of Bio-Derived Olefins. <i>Inorganic Chemistry</i> , 2012, 51, 3666-3676.	4.0	44
70	Multifunctional micro- and nanosized metal-organic frameworks assembled from bisphosphonates and lanthanides. <i>Journal of Materials Chemistry C</i> , 2014, 2, 3311.	5.5	44
71	Supramolecular architecture of a novel salt of trimesic acid and 1,2-bis(4-pyridyl)ethane. <i>CrystEngComm</i> , 2003, 5, 238.	2.6	43
72	Bifunctional Porphyrin-Based Nano-Metal-Organic Frameworks: Catalytic and Chemosensing Studies. <i>Inorganic Chemistry</i> , 2018, 57, 3855-3864.	4.0	43

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73	Bisphosphonates, Old Friends of Bones and New Trends in Clinics. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 1260-1282.	6.4	43
74	Hydrothermal synthesis of a novel thermally stable three-dimensional ytterbium-organic framework. <i>Chemical Communications</i> , 2003, , 1484-1485.	4.1	42
75	Transforming metal-organic frameworks into functional materials. <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 495-509.	6.0	42
76	Synthesis and characterization of a new layered compound of trimesic acid. Electronic supplementary information (ESI) available: top view of the HxBTC anionic network (Fig. S1) and detailed hydrogen bond graph sets present in the interactions linking the two HxBTC sheets within a double layer (Fig. S2). <i>Chemical Communications</i> , 2003, , 1484-1485.	2.8	41
77	Synthesis, Characterisation and Luminescent Properties of Lanthanide-Organic Polymers with Picolinic and Glutaric Acids. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 4238-4246.	2.0	41
78	A New Synthetic Approach to N-Arylquinolino[2,3,4-at]porphyrins from $\hat{I}^2$ -Arylaminoporphyrins. <i>Journal of Organic Chemistry</i> , 2008, 73, 7353-7356.	3.2	41
79	Up-conversion properties of lanthanide-organic frameworks and how to track ammunitions using these materials. <i>RSC Advances</i> , 2012, 2, 3083.	3.6	41
80	Bifunctional Mixed-Lanthanide Cyano-Bridged Coordination Polymers $\text{Ln}_{0.5}\text{Ln}'_{0.5}(\text{H}_2\text{O})_5[\text{W}(\text{CN})_8]$ ( $\text{Ln}/\text{Ln}' = \text{Ce}/\text{Pr}$ ). <i>Chemical Communications</i> , 2003, , 1484-1485.	4.0	41
81	Activation of B-H bonds by an oxo-rhenium complex. <i>Dalton Transactions</i> , 2008, , 6686.	3.3	40
82	Hydrothermal Synthesis, Crystal Structure, and Catalytic Potential of a One-Dimensional Molybdenum Oxide/Bipyridinedicarboxylate Hybrid. <i>Inorganic Chemistry</i> , 2013, 52, 4618-4628.	4.0	40
83	Synthesis and Catalytic Properties in Olefin Epoxidation of Octahedral Dichloridodioxidomolybdenum(VI) Complexes Bearing $N,N'$ -Dialkylamide Ligands: Crystal Structure of $[\text{Mo}_2\text{O}_4(\text{N}(\text{R})_2)_2\text{Cl}_2(\text{dmf})_4]$ . <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 4528-4537.	2.0	39
84	Hydrothermal synthesis and structural characterization of a novel cadmium-organic framework. <i>Journal of Solid State Chemistry</i> , 2004, 177, 3423-3432.	2.9	38
85	Photoluminescent Porous Modular Lanthanide-Vanadium-Organic Frameworks. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 4931-4945.	2.0	38
86	Synthesis, Structural Elucidation, and Catalytic Properties in Olefin Epoxidation of the Polymeric Hybrid Material $[\text{Mo}_3\text{O}_9(2-[3(5)\text{-Pyrazolyl}]pyridine)]_n$ . <i>Inorganic Chemistry</i> , 2014, 53, 2652-2665.	4.0	38
87	Incorporation of a dioxomolybdenum(VI) complex in a ZrIV-based Metal-Organic Framework and its application in catalytic olefin epoxidation. <i>Microporous and Mesoporous Materials</i> , 2015, 202, 106-114.	4.4	38
88	Highly emissive Zn-Ln metal-organic frameworks with an unusual 3D inorganic subnetwork. <i>Chemical Communications</i> , 2012, 48, 7964.	4.1	37
89	A New 3,5-Bisporphyrinylpyridine Derivative as a Fluorescent Ratiometric Probe for Zinc Ions. <i>Chemistry - A European Journal</i> , 2014, 20, 6684-6692.	3.3	37
90	1D to 3D NMR study of microporous aluminophosphate $\text{AlPO}_4$ . <i>Magnetic Resonance in Chemistry</i> , 2009, 47, 942-947.	1.9	36

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91	Cyclopentadienyl molybdenum dicarbonyl $\eta^3$ -allyl complexes as catalyst precursors for olefin epoxidation. Crystal structures of $\text{Cp}^*\text{Mo}(\text{CO})_2(\eta^3\text{-C}_3\text{H}_5)$ ( $\text{Cp}^* = \text{C}_5\text{H}_4\text{Me}$ , $\text{C}_5\text{Me}_5$ ). <i>Journal of Organometallic Chemistry</i> , 2010, 695, 2311-2319.	1.8	36
92	Microwave-assisted molybdenum-catalysed epoxidation of olefins. <i>Journal of Molecular Catalysis A</i> , 2010, 320, 19-26.	4.8	36
93	Synthesis and photophysical characterization of dimethylamine-derived Zn phthalocyanines: exploring their potential as selective chemosensors for trinitrophenol. <i>Journal of Materials Chemistry C</i> , 2015, 3, 1056-1067.	5.5	36
94	Crystal structure and temperature-dependent luminescence of a heterotetranuclear sodium-europium $\text{f}^2$ -diketonate complex. <i>Dalton Transactions</i> , 2015, 44, 488-492.	3.3	36
95	Catalytic homogeneous oxyfunctionalization with hydrogen peroxide in the presence of a peroxotungstate. <i>Applied Catalysis A: General</i> , 2008, 351, 166-173.	4.3	34
96	Synthesis and biological evaluation of ternary silver compounds bearing N,N-chelating ligands and thiourea: X-ray structure of $[\text{Ag}(\text{bpy})(\eta^4\text{-tu})_2](\text{NO}_3)_2$ (bpy=2,2'-bipyridine; tu=thiourea). <i>Polyhedron</i> , 2014, 79, 197-206.	2.2	34
97	Investigation of a dichlorodioxomolybdenum(vi)-pyrazolylpyridine complex and a hybrid derivative as catalysts in olefin epoxidation. <i>Dalton Transactions</i> , 2014, 43, 6059.	3.3	34
98	Oxidation of organosulfur compounds using an iron(III) porphyrin complex: An environmentally safe and efficient approach. <i>Applied Catalysis B: Environmental</i> , 2014, 160-161, 80-88.	20.2	33
99	A Combined Theoretical-Experimental Study of the Inclusion of Niobocene Dichloride in Native and Permethylated $\beta$ -Cyclodextrins. <i>Organometallics</i> , 2007, 26, 4220-4228.	2.3	32
100	Synthesis, Structural Elucidation, and Application of a Pyrazolylpyridine-Molybdenum Oxide Composite as a Heterogeneous Catalyst for Olefin Epoxidation. <i>Inorganic Chemistry</i> , 2012, 51, 8629-8635.	4.0	32
101	Near-Infrared Ratiometric Luminescent Thermometer Based on a New Lanthanide Silicate. <i>Chemistry - A European Journal</i> , 2018, 24, 11926-11935.	3.3	32
102	Detoxification of a Mustard-Gas Simulant by Nanosized Porphyrin-Based Metal-Organic Frameworks. <i>ACS Applied Nano Materials</i> , 2019, 2, 465-469.	5.0	32
103	Coordination modes of pyridine-carboxylic acid derivatives in samarium (III) complexes. <i>Polyhedron</i> , 2006, 25, 2471-2482.	2.2	31
104	Optical Detection of Solid-State Chiral Structures with Unpolarized Light and in the Absence of External Fields. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7938-7942.	13.8	31
105	An Easy Synthetic Approach to Pyridoporphyrins by Domino Reactions. <i>Organic Letters</i> , 2007, 9, 2305-2308.	4.6	31
106	Fast Microwave Synthesis of a Microporous Lanthanide-Organic Framework. <i>Crystal Growth and Design</i> , 2010, 10, 2025-2028.	3.0	31
107	Sustainable synthesis of a catalytic active one-dimensional lanthanide-organic coordination polymer. <i>Chemical Communications</i> , 2015, 51, 10807-10810.	4.1	31
108	One-Pot Synthesis of Benzopyranones with Cancer Preventive and Therapeutic Potential. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 965-975.	2.4	31



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109	Multifunctionality in an Ion-Exchanged Porous Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2021, 143, 1365-1376.	13.7	31
110	Aerosol-assisted metallo-organic chemical vapour deposition of Bi <sub>2</sub> Se <sub>3</sub> films using single-molecule precursors. The crystal structure of bismuth(III) dibutyldiselenocarbamate. <i>Journal of Materials Chemistry</i> , 2003, 13, 3006.	6.7	30
111	Corroles in 1,3-dipolar cycloaddition reactions. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009, 13, 358-368.	0.8	30
112	Novel quinone-fused corroles. <i>Tetrahedron Letters</i> , 2007, 48, 8904-8908.	1.4	29
113	Towards hydroxamic acid linked zirconium metal-organic frameworks. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1194-1199.	5.9	29
114	Facile, One-Step Production of Niacin (Vitamin B <sub>3</sub> ) and Other Nitrogen-Containing Pharmaceutical Chemicals with a Single-Site Heterogeneous Catalyst. <i>Chemistry - A European Journal</i> , 2008, 14, 2340-2348.	3.3	28
115	Near-Infrared Luminescent and Magnetic Cyano-Bridged Coordination Polymers Nd(phen) <sub>n</sub> (DMF) <sub>m</sub> [M(CN) <sub>8</sub> ] (M = Mo, W). <i>Inorganic Chemistry</i> , 2011, 50, 9924-9926.	4.0	28
116	Photoinactivation of Planktonic and Biofilm Forms of <i>Escherichia coli</i> through the Action of Cationic Zinc(II) Phthalocyanines. <i>ChemPhotoChem</i> , 2019, 3, 251-260.	3.0	28
117	Evolution of Photoluminescence across Dimensionality in Lanthanide Silicates. <i>Journal of Physical Chemistry B</i> , 2007, 111, 3576-3582.	2.6	27
118	Synthesis, characterisation and magnetic properties of cobalt (II) complexes with 3-hydroxypicolinic acid (HpicOH): [Co(picOH) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> ] and mer-[N(CH <sub>3</sub> ) <sub>4</sub> ][Co(picOH) <sub>3</sub> ]·H <sub>2</sub> O. <i>Polyhedron</i> , 2005, 24, 563-569.	2.2	26
119	A novel cobalt(II)-molybdenum(V) phosphate organic-inorganic hybrid polymer. <i>Journal of Solid State Chemistry</i> , 2006, 179, 1497-1505.	2.9	26
120	Structural Studies of $\beta$ -Cyclodextrin and Permethylated $\beta$ -Cyclodextrin Inclusion Compounds of Cyclopentadienyl Metal Carbonyl Complexes. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 1662-1669.	2.0	26
121	Photoluminescent Layered Lanthanide Silicate Nanoparticles. <i>Chemistry of Materials</i> , 2008, 20, 205-212.	6.7	26
122	Palladium and Molybdenum Complexes of the Heteroleptic Organostannylene [2,6-(Me <sub>2</sub> NCH <sub>2</sub> ) <sub>2</sub> C <sub>6</sub> H <sub>3</sub> ] <sub>2</sub> SnCl. <i>Organometallics</i> , 2009, 28, 4778-4782.	2.3	26
123	Enhanced proton conductivity in a layered coordination polymer. <i>Chemical Science</i> , 2020, 11, 6305-6311.	7.4	26
124	Designing novel organic-inorganic frameworks. <i>Pure and Applied Chemistry</i> , 2007, 79, 1097-1110.	1.9	25
125	Complex Formation between Heptakis(2,6-di-O-methyl)- $\beta$ -cyclodextrin and Cyclopentadienyl Molybdenum(II) Dicarbonyl Complexes: Structural Studies and Cytotoxicity Evaluations. <i>Organometallics</i> , 2008, 27, 4948-4956.	2.3	25
126	Novel pyrazoline and pyrazole porphyrin derivatives: synthesis and photophysical properties. <i>Tetrahedron</i> , 2012, 68, 8181-8193.	1.9	25



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250	Synthesis and Biological Evaluation of New Functionalized Nitroindazolylacetonitrile Derivatives. <i>ChemistrySelect</i> , 2019, 4, 14335-14342.	1.5	8
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254	The first dinuclear zinc(II) dithiocarbamate complex with butyl substituent groups. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003, 59, m1067-m1069.	0.2	7
255	One-Pot Synthesis of Novel Highly Functionalized Furan-Based Polyphenolics. <i>Synlett</i> , 2015, 26, 2724-2729.	1.8	7
256	An easy synthetic access to new pyrazole spiro derivatives from 3-amino-1-phenyl-2-pyrazolin-5-one. <i>New Journal of Chemistry</i> , 2015, 39, 6738-6741.	2.8	7
257	Modelling the Luminescence of Phosphonate Lanthanide-Organic Frameworks. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 1254-1260.	2.0	7
258	Inclusion Compound of Efavirenz and $\beta$ -Cyclodextrin: Solid State Studies and Effect on Solubility. <i>Molecules</i> , 2021, 26, 519.	3.8	7
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260	Porphyrin MOF-Derived Porous Carbons: Preparation and Applications. <i>Journal of Carbon Research</i> , 2021, 7, 47.	2.7	7
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264	Decaquadioxobis[ $\frac{1}{4}$ -N-(phosphonomethyl)iminodiacetato]dimanganesedivanadium dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m372-m375.	0.2	6
265	Heterometallic complexes involving iron(II) and rhenium(VII) centers connected by $\frac{1}{4}$ -oxido bridges. <i>Dalton Transactions</i> , 2009, , 10199.	3.3	6
266	<i>catena</i> -Poly[[triquachlorido- $\frac{1}{4}$ -malonato-cerium(III)] hemihydrate]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, m1514-m1515.	0.2	6
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272	Dibenzo[b,e][1,4]diazepin-1-ones and their Ring-Opened Derivatives: Revisited Synthesis, 2D NMR and Crystal Structure. <i>Synlett</i> , 2017, 28, 2247-2252.	1.8	6
273	Easy Processing of Metal-Organic Frameworks into Pellets and Membranes. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 798.	2.5	6
274	Hemi-synthesis, in-vitro and in-silico bioactivities of new chiral-Schiff bases and benzodiazepine derivatives from <i>Ammodaucus leucotrichus</i> (S)-perillaldehyde. <i>Journal of Molecular Structure</i> , 2021, 1241, 130690.	3.6	6
275	Poly[hexaaquabis( $\frac{1}{4}$ -naphthalene-2,6-dicarboxylato)( $\frac{1}{4}$ -naphthalene-2,6-dicarboxylato)diholmium(III)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, m140-m141.	0.2	6
276	1-Hydroxy-1,1,3,3,3-pentaphenyldisiloxane, [Si <sub>2</sub> O(OH)(Ph) <sub>5</sub> ], at 100 K. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o237-o238.	0.2	6
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278	(R)-(+)-2,2-Diamino-1,1-binaphthyl. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003, 59, o910-o912.	0.2	5
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281	A lanthanum(III) complex with a lacunary polyoxotungstate: Na <sub>2</sub> (NH <sub>4</sub> ) <sub>7</sub> [La(W <sub>5</sub> O <sub>18</sub> ) <sub>2</sub> ] $\cdot$ 16H <sub>2</sub> O. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, i28-i31.	0.2	5
282	[Co(H <sub>2</sub> O) <sub>6</sub> ]{[Co(C <sub>4</sub> H <sub>4</sub> N <sub>2</sub> )(H <sub>2</sub> O) <sub>2</sub> ][V <sub>2</sub> O <sub>2</sub> (pmida) <sub>2</sub> ]} $\cdot$ 2H <sub>2</sub> O [H <sub>4</sub> pmida is N-(phosphonomethyl)iminodiacetic acid]: the first two-dimensional hybrid framework containing [V <sub>2</sub> O <sub>2</sub> (pmida) <sub>2</sub> ] <sup>4-</sup> building blocks. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, m1628-m1632.	0.2	5
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284	Structural and Catalytic Studies of a Trimethyltin Vanadate Coordination Polymer. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2007, 17, 215-222.	3.7	5
285	Synthesis, structure and magnetic behaviour of mixed metal leucophosphite. <i>Journal of Solid State Chemistry</i> , 2008, 181, 1330-1336.	2.9	5
286	4,4-Di- <i>tert</i> -butyl-2,2-bipyridine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o2047-o2047.	0.2	5
287	Glycine methyl ester hydrochloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o1970-o1970.	0.2	5
288	1,4-Bis(2,2,6,6-terpyridin-4-yl)benzene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o3241-o3242.	0.2	5

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289	Arcyriaflavin A monohydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2011, 67, o57-o59.	0.4	5
290	4-Phenyl-1-(prop-2-yn-1-yl)-1H-1,5-benzodiazepin-2(3H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o2075-o2076.	0.2	5
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292	Coordination polymers based on a glycine-derivative ligand. <i>CrystEngComm</i> , 2014, 16, 8119-8137.	2.6	5
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297	Thermodynamic Properties of Moldy-Musty Contaminants of Wine. <i>Journal of Chemical &amp; Engineering Data</i> , 2019, 64, 4741-4753.	1.9	5
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299	Multifunctionality and cytotoxicity of a layered coordination polymer. <i>Dalton Transactions</i> , 2020, 49, 3989-3998.	3.3	5
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302	Porphyrin NanoMetal-Organic Frameworks as Cancer Theranostic Agents. <i>Molecules</i> , 2022, 27, 3111.	3.8	5
303	Novel porphyrin-quinazoline conjugates via the Diels-Alder reaction. <i>Tetrahedron</i> , 2003, 59, 7907-7913.	1.9	4
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305	Synthesis and Structure of a Sodium Complex of an Aromatic $\beta$ -Diketone and Pyrazolylpyridine. <i>Molecules</i> , 2006, 11, 528-538.	3.8	4
306	Ethyl [3-(2-pyridyl)pyrazol-1-yl]acetate monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o1380-o1382.	0.2	4

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312	One-Pot Synthesis of Isoquinuclidines via 2,6-Diaryl-1,2-dihydropyridines using (E,E)-Cinnamylideneacetophenones as Templates. Synthesis, 2018, 50, 1965-1972.	2.3	4
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319	Novel bis-(3-cyano-2-pyridones) derivatives: synthesis and fluorescent properties. Research on Chemical Intermediates, 2021, 47, 1331-1348.	2.7	4
320	2-(1H-Pyrazol-3-yl)pyridinium chloride monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o1962-o1963.	0.2	4
321	Layered titanosilicates. , 2011, , 123-149.		4
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326	Redetermination of dipotassium $\frac{1}{4}$ -oxo-bis[aqua(oxalato- $\lambda^2$ O,O $\lambda^2$ )dioxomolybdate(VI)] at 150 K. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m376-m378.	0.2	3
327	Diaquabis(ethylenediamine- $\lambda^2$ N,N $\lambda^2$ )copper(II) bis(4-phenylbenzoate) 2.66-hydrate. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m626-m627.	0.2	3
328	A new supramolecular organic $\leftrightarrow$ inorganic adduct: {[Eu(CH <sub>3</sub> OH)(H <sub>2</sub> O) <sub>8</sub> ] <sub>2</sub> [Eu(H <sub>2</sub> O) <sub>8</sub> ][PW <sub>12</sub> O <sub>40</sub> ] <sub>3</sub> }] $\cdot$ 8(C <sub>14</sub> H <sub>20</sub> O <sub>5</sub> ) $\cdot$ 2(C <sub>28</sub> H <sub>40</sub> O <sub>10</sub> ) $\cdot$ 6(CH <sub>3</sub> OH) $\cdot$ 6(H <sub>2</sub> O). Journal of Molecular Structure, 2011, 989, 80-85.	0.6	3
329	$\frac{1}{4}$ -Oxido-bis[chlorido(4,4 $\lambda^2$ -di-tert-butyl-2,2 $\lambda^2$ -bipyridine- $\lambda^2$ N,N $\lambda^2$ )dioxidomolybdenum(VI)] 0.2-hydrate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m1738-m1739.	0.2	3
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341	The Emerging Role of Cyclodextrin Metal $\leftrightarrow$ Organic Frameworks in Osteotherapeutics. Applied Sciences (Switzerland), 2022, 12, 1574.	2.5	3
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344	A new polymorph of [(S)-( $\hat{\alpha}$ )-2-aminomethyl-1-ethylpyrrolidine- $\hat{\eta}^2$ N,N- $\hat{\epsilon}^2$ ](1,5-cyclooctadiene)rhodium(I) trifluoromethanesulfonate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003, 59, m1091-m1093.	0.2	2
345	Spectroscopic studies of an europium(III) tris- $\hat{\eta}^2$ -diketonate complex bearing a pyrazolopyridine ligand. <i>Journal of Alloys and Compounds</i> , 2008, 451, 344-346.	5.5	2
346	Poly[ $[\frac{1}{4}$ -aqua-tetraaqua-hexakis( $\frac{1}{4}$ -naphthalene-2,6-dicarboxylato)tetraholmium(III)] 1.75-hydrate]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, m336-m337.	0.2	2
347	Synthesis, structure, luminescence and magnetic properties of the coordination polymer $\{[\text{Eu}(\text{H}_2\text{O})_5][\text{Mo}(\text{CN})_8]\}^{\hat{z}}$ containing bridging cyanide ligands. <i>Russian Chemical Bulletin</i> , 2010, 59, 476-479.	1.5	2
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351	1,3-Dicyclohexylimidazolidine-2,4,5-trione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o3243-o3243.	0.2	2
352	1,3,5-Tris(bromomethyl)benzene. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2011, 67, o198-o200.	0.4	2
353	4,4-Di-tert-butyl-2,2-dipyridinium dichloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o1903-o1904.	0.2	2
354	Tris(4,4-di-tert-butyl-2,2-bipyridine- $\hat{\eta}^2$ <sup>2</sup> <N>, <N> $\hat{\epsilon}^2$ )molybdenum(II) $\frac{1}{4}$ -oxido-dodeca- $\frac{1}{4}$ -oxido-hexaoxidohexamolybdate(VI) acetonitrile tetrasolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, m1828-m1829.	0.2	2
355	5-Amino-3-(4H-1,2,4-triazol-4-yl)-1H-1,2,4-triazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o2700-o2701.	0.2	2
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357	A Tetranuclear Silver- $\hat{\epsilon}$ -Thiourea Cluster. <i>Journal of Chemical Crystallography</i> , 2015, 45, 410-418.	1.1	2
358	Synthesis of functionalized benzimidazole- $\hat{\epsilon}$ -butyrolactone dyads. <i>Tetrahedron Letters</i> , 2015, 56, 1020-1024.	1.4	2
359	Structural and electrical characteristics of rhombohedral lead zirconate titanate single crystals. <i>Journal of Materials Science</i> , 2015, 50, 4232-4243.	3.7	2
360	Methyl 2-(4,6-dichloro-1,3,5-triazin-2-ylamino)acetate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o1985-o1986.	0.2	2



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362	[( <i>R</i> )-(+)-1,1-Binaphthyl-2,2'-diamine](1,5-cyclooctadiene)rhodium(I) trifluoromethanesulfonate diethyl ether disolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003, 59, m6-m7.	0.2	1
363	( $\eta^3$ -Allyl)[( <i>S</i> )-(+)-(2-pyrrolidinylmethyl)pyrrolidine]palladium(II) trifluoromethanesulfonate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003, 59, m105-m107.	0.2	1
364	[1,1'-Bis(diphenylphosphino)ferrocene- $\eta^2$ P, $\eta^2$ P](1,5-cyclooctadiene)rhodium(I) trifluoromethanesulfonate dichloromethane disolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003, 59, m111-m113.	0.2	1
365	(1 <i>R</i> ,2 <i>R</i> )-(+)-1,2-Diphenylethylenediamine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003, 59, o455-o457.	0.2	1
366	catena-[1,3-Diammoniopropane di- $\eta^2$ -hydroxo-di- $\eta^4$ -phosphato-trioxotrivanadium dihydrate]: a redetermination at 180°C. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003, 59, m179-m182.	0.2	1
367	Catalytic Performance of Copper-Substituted Polyoxotungstate Materials and X-Ray Structure of a New Sandwich-Type Compound. <i>Materials Science Forum</i> , 0, 587-588, 538-542.	0.3	1
368	Mo <sub>4</sub> ( $\eta^3$ -allyl) <sub>4</sub> Cl <sub>2</sub> (OH) <sub>2</sub> (CO) <sub>8</sub> : the first cubane-type Mo <sup>2+</sup> organometallic complex with $\eta^3$ -OH and $\eta^3$ -Cl bridges. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2009, 65, m168-m170.	0.4	1
369	(2,2'-Bipyridine- $\eta^2$ N, $\eta^2$ N)chlorido(1,4,7-trithiacyclononane- $\eta^3$ S, $\eta^2$ S, $\eta^2$ S)ruthenium(II) nitrate monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, m1575-m1575.	0.2	1
370	Trimethyl 2,2',2''-[1,3,5-triazine-2,4,6-triyltris(azanediyl)]triacetate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o3243-o3244.	0.2	1
371	A 2:1 cocrystal of the <i>cis</i> and <i>trans</i> isomers of bis[1,1,1,5,5,5-hexafluoropentane-2,4-dionato( $\eta^2$ )]bis(4-phenylpyridine- <i>N</i> -oxide)-oxidomolybdenum(VI). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, m1689-m1690.		
372	Tetrapyrnidium $\eta^4$ -oxido-di- $\eta^4$ -sulfato-bis[chloridodioxidomolybdate(VI)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, m1005-m1006.	0.2	1
373	Bis( $\eta^4$ -4-phenylpyridine- <i>N</i> -oxide- $\eta^2$ O:O)bis[bis(1,1,1,5,5,5-hexafluoropentane-2,4-dionato)copper(II)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, m824-m825.	0.2	1
374	<i>cis</i> -Di- $\eta^4$ -oxido-bis[( <i>N,N</i> -diethyldithiocarbamato- $\eta^2$ S, $\eta^2$ S)oxidomolybdenum(V)](Mo=Mo) tetrahydrofuran monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, m288-m289.	0.2	1
375	2-Amino-6-[(2,6-dichlorophenyl)imino]-3-oxocyclohexa-1,4-dienecarbaldehyde. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o3022-o3023.	0.2	1
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377	[( <i>E</i> )-1-(Naphthalen-2-yl)ethylidene](naphthalen-1-ylmethyl)amine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o3143-o3143.	0.2	1
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381	Investigation of calcium carbonate precipitated in the presence of alkanols. Crystal Research and Technology, 2014, 49, 418-430.	1.3	1
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