

Ivan Lukes

List of Publications by Year in descending order

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all docs

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docs citations

131
times ranked

3687
citing authors

#	ARTICLE	IF	CITATIONS
1	Gadolinium(iii) complexes as MRI contrast agents: ligand design and properties of the complexes. Dalton Transactions, 2008, , 3027.	3.3	451
2	Complexes of tetraazacycles bearing methylphosphinic/phosphonic acid pendant arms with copper(II), zinc(II) and lanthanides(III). A comparison with their acetic acid analogues. Coordination Chemistry Reviews, 2001, 216-217, 287-312.	18.8	228
3	Manganese(II) Complexes as Potential Contrast Agents for MRI. European Journal of Inorganic Chemistry, 2012, 2012, 1975-1986.	2.0	159
4	A Triazacyclononane-Based Bifunctional Phosphinate Ligand for the Preparation of Multimeric ⁶⁸ Ga Tracers for Positron Emission Tomography. Chemistry - A European Journal, 2010, 16, 7174-7185.	3.3	138
5	A Bisphosphonate Monoamide Analogue of DOTA: A Potential Agent for Bone Targeting. Journal of the American Chemical Society, 2005, 127, 16477-16485.	13.7	130
6	Gallium(III) Complexes of DOTA and DOTA-Monoamide: Kinetic and Thermodynamic Studies. Inorganic Chemistry, 2010, 49, 10960-10969.	4.0	127
7	Mn ²⁺ Complexes with Pyridine-Containing 15-Membered Macrocycles: Thermodynamic, Kinetic, Crystallographic, and ¹ H/ ¹⁷ O Relaxation Studies. Inorganic Chemistry, 2010, 49, 3224-3238.	4.0	112
8	Lanthanide(III) Complexes of a Mono(methylphosphonate) Analogue of H ₄ dota: The Influence of Protonation of the Phosphonate Moiety on the TSAP/SAP Isomer Ratio and the Water Exchange Rate. Chemistry - A European Journal, 2005, 11, 2373-2384.	3.3	110
9	PAMAM Dendrimeric Conjugates with a Gd-DOTA Phosphinate Derivative and Their Adducts with Polyaminoacids: The Interplay of Global Motion, Internal Rotation, and Fast Water Exchange. Bioconjugate Chemistry, 2006, 17, 975-987.	3.6	108
10	Sensitization of TiO ₂ by Polypyridine Dyes. Journal of the Electrochemical Society, 2003, 150, E155.	2.9	99
11	Synthesis of a bifunctional monophosphinic acid DOTA analogue ligand and its lanthanide(iii) complexes. A gadolinium(iii) complex endowed with an optimal water exchange rate for MRI applications. Organic and Biomolecular Chemistry, 2005, 3, 112-117.	2.8	84
12	Crystal Structures of Lanthanide(III) Complexes with Cyclen Derivative Bearing Three Acetate and One Methylphosphonate Pendants. Inorganic Chemistry, 2005, 44, 5591-5599.	4.0	84
13	Lanthanide(III) Complexes of Novel Mixed Carboxylic-Phosphorus Acid Derivatives of Diethylenetriamine: A Step towards More Efficient MRI Contrast Agents. Chemistry - A European Journal, 2003, 9, 5899-5915.	3.3	83
14	High Thermodynamic Stability and Extraordinary Kinetic Inertness of Copper(II) Complexes with 1,4,8,11-Tetraazacyclotetradecane-1,8-bis(methylphosphonic acid): Example of a Rare Isomerism between Kinetically Inert Penta- and Hexacoordinated Copper(II) Complexes. Chemistry - A European Journal, 2003, 9, 233-248.	3.3	81
15	Thermodynamic study of lanthanide(iii) complexes with bifunctional monophosphinic acid analogues of H ₄ dota and comparative kinetic study of yttrium(iii) complexes. Dalton Transactions, 2007, , 535-549.	3.3	81
16	PET/CT imaging of osteoblastic bone metastases with ⁶⁸ Ga-bisphosphonates: first human study. European Journal of Nuclear Medicine and Molecular Imaging, 2010, 37, 834-834.	6.4	80
17	Dissociation kinetics of Mn ²⁺ complexes of NOTA and DOTA. Dalton Transactions, 2011, 40, 1945.	3.3	75
18	Mn ²⁺ Complexes with 12-Membered Pyridine Based Macrocycles Bearing Carboxylate or Phosphonate Pendant Arm: Crystallographic, Thermodynamic, Kinetic, Redox, and ¹ H/ ¹⁷ O Relaxation Studies. Inorganic Chemistry, 2011, 50, 12785-12801.	4.0	75

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19	Gadolinium(III) complexes of mono- and diethyl esters of monophosphonic acid analogue of DOTA as potential MRI contrast agents: solution structures and relaxometric studies. Dalton Transactions, 2007, , 493-501.	3.3	72
20	A Gadolinium(III) Complex of a Carboxylic-Phosphorus Acid Derivative of Diethylenetriamine Covalently Bound to Inulin, a Potential Macromolecular MRI Contrast Agent. Bioconjugate Chemistry, 2004, 15, 881-889.	3.6	66
21	Lanthanide(III) Complexes of Bis(phosphonate) Monoamide Analogues of DOTA: Bone-Seeking Agents for Imaging and Therapy. Journal of Medicinal Chemistry, 2008, 51, 677-683.	6.4	65
22	Aminoalkylbis(phosphonates): Their Complexation Properties in Solution and in the Solid State. European Journal of Inorganic Chemistry, 2007, 2007, 333-344.	2.0	64
23	Direct Reaction of Phosphorus Acids with Hydroxy of a Silanol and on the Silica Gel Surface. Journal of the American Chemical Society, 1994, 116, 1737-1741.	13.7	62
24	Thermodynamic and Kinetic Studies of Lanthanide(III) Complexes with H ₅ do3ap (1,4,7,10-Tetraazacyclododecane-1,4,7-triacetic-10-(methylphosphonic Acid)), a Monophosphonate Analogue of H ₄ dota. Collection of Czechoslovak Chemical Communications, 2005, 70, 1909-1942.	1.0	62
25	Dendrimeric Gd(III) complex of a monophosphinated DOTA analogue: optimizing relaxivity by reducing internal motion. Chemical Communications, 2005, , 2390.	4.1	57
26	Lanthanide(III) Complexes of Phosphorus Acid Analogues of H ₄ DOTA as Model Compounds for the Evaluation of the Second-Sphere Hydration. European Journal of Inorganic Chemistry, 2009, 2009, 119-136.	2.0	55
27	Cyclodextrin-Based Bimodal Fluorescence/MRI Contrast Agents: An Efficient Approach to Cellular Imaging. Chemistry - A European Journal, 2010, 16, 10094-10102.	3.3	49
28	Synthesis and complexing properties of polyazamacrocycles with pendant N-methylenephosphinic acid. Journal of the Chemical Society Dalton Transactions, 1995, , 1133.	1.1	47
29	Cyclam (1,4,8,11-tetraazacyclotetradecane) with one methylphosphonate pendant arm: a new ligand for selective copper(II) binding. Dalton Transactions, 2005, , 2908.	3.3	46
30	Nucleophilic reactivity of perhydro-3,6,9,12-tetraazacyclopenteno[1,3-f,g]acenaphthylene. A unified approach to N-monosubstituted and N,N ² -disubstituted cyclene derivatives. Tetrahedron Letters, 2000, 41, 1249-1253.	1.4	45
31	Mn ²⁺ complexes of 1-oxa-4,7-diazacyclononane based ligands with acetic, phosphonic and phosphinic acid pendant arms: Stability and relaxation studies. Dalton Transactions, 2011, 40, 10131.	3.3	44
32	Bis(methylphosphonic Acid) Derivatives of 1,4,8,11-Tetraazacyclotetradecane (Cyclam). Synthesis, Crystal and Molecular Structures, and Solution Properties. Collection of Czechoslovak Chemical Communications, 2000, 65, 1289-1316.	1.0	43
33	Lanthanide(III) Complexes of Pyridine-N-Oxide Analogues of DOTA in Solution and in the Solid State. A New Kind of Isomerism in Complexes of DOTA-like Ligands. Inorganic Chemistry, 2009, 48, 466-475.	4.0	43
34	Phosphonate-Titanium Dioxide Assemblies: Platform for Multimodal Diagnostic-Therapeutic Nanoprobes. Journal of Medicinal Chemistry, 2011, 54, 5185-5194.	6.4	42
35	Phosphinic derivative of DTPA conjugated to a G5 PAMAM dendrimer: an ¹⁷⁰ and ¹ H relaxation study of its Gd(III) complex. Dalton Transactions, 2006, , 3399-3406.	3.3	41
36	Crystal Structures and Reactivity of 3a,5a,8a,10a-Tetraazaperhydropyrene Derivatives. An Alternative Approach to Selective Nitrogen Alkylation of 1,4,8,11-Tetraazacyclotetradecane (Cyclam). Collection of Czechoslovak Chemical Communications, 2000, 65, 243-266.	1.0	40

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37	Three in One: TSA, TSA ⁻ , and SA Units in One Crystal Structure of a Yttrium(III) Complex with a Monophosphinated H4dota Analogue. <i>Inorganic Chemistry</i> , 2006, 45, 3097-3102.	4.0	40
38	Synthesis, Crystal Structures, and Solution Properties of N-Methylene(phenyl)phosphinic Acid Derivatives of Cyclen and Cyclam. <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 195-203.	2.0	39
39	Derivative of cyclen with three methylene(phenyl)phosphinic acid pendant arms. Synthesis and crystal structures of its lanthanide complexes. <i>Dalton Transactions RSC</i> , 2000, , 141-148.	2.3	39
40	Pyridine-N-oxide Analogues of DOTA and Their Gadolinium(III) Complexes Endowed with a Fast Water Exchange on the Square-Antiprismatic Isomer. <i>Inorganic Chemistry</i> , 2009, 48, 455-465.	4.0	39
41	Synthesis, crystal structures and NMR and luminescence spectra of lanthanide complexes of 1,4,7,10-tetraazacyclododecane with N-methylene(phenyl)phosphinic acid pendant arms. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 3585-3592.	1.1	38
42	Gd(III) complex of a monophosphinate-bis(phosphonate) DOTA analogue with a high relaxivity; Lanthanide(III) complexes for imaging and radiotherapy of calcified tissues. <i>Dalton Transactions</i> , 2009, , 3204.	3.3	37
43	Core-shell La ³⁺ Sr ²⁺ MnO ₃ nanoparticles as colloidal mediators for magnetic fluid hyperthermia. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2010, 368, 4389-4405.	3.4	37
44	Lanthanide(III) complexes of a pyridine N-oxide analogue of DOTA: exclusive M isomer formation induced by a six-membered chelate ring. <i>Chemical Communications</i> , 2004, , 2602-2603.	4.1	36
45	Densely packed Gd(III)-chelates with fast water exchange on a calix[4]arene scaffold: a potential MRI contrast agent. <i>Dalton Transactions</i> , 2010, 39, 185-191.	3.3	36
46	Dual imaging probes for magnetic resonance imaging and fluorescence microscopy based on perovskite manganite nanoparticles. <i>Journal of Materials Chemistry</i> , 2011, 21, 157-164.	6.7	35
47	Comparison of different phosphorus-containing ligands complexing ⁶⁸ Ga for PET-imaging of bone metabolism. <i>Radiochimica Acta</i> , 2011, 99, 43-51.	1.2	35
48	Thermodynamic and kinetic study of copper(II) complexes with N-methylene(phenylphosphinic acid) derivatives of cyclen and cyclam. <i>Polyhedron</i> , 2001, 20, 47-55.	2.2	34
49	Spectroscopic Characterization of Eu(III) Complexes with New Monophosphorus Acid Derivatives of H4dota. <i>Journal of Fluorescence</i> , 2005, 15, 507-512.	2.5	34
50	Gadolinium complexes of monophosphinic acid DOTA derivatives conjugated to cyclodextrin scaffolds: efficient MRI contrast agents for higher magnetic fields. <i>Dalton Transactions</i> , 2012, 41, 13509.	3.3	32
51	The Iron(III)-Chloride System. A Study of the Stability Constants and of the Distribution of the Tetrachloro Species between Organic Solvents and Aqueous Chloride Solutions.. <i>Acta Chemica Scandinavica</i> , 1986, 40a, 31-40.	0.7	32
52	Study of Thermodynamic and Kinetic Stability of Transition Metal and Lanthanide Complexes of DTPA Analogues with a Phosphorus Acid Pendant Arm. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 1976-1986.	2.0	31
53	Complexes of DOTA ³⁻ Bisphosphonate Conjugates: Probes for Determination of Adsorption Capacity and Affinity Constants of Hydroxyapatite. <i>Langmuir</i> , 2008, 24, 1952-1958.	3.5	31
54	PAMAM Dendrimers Conjugated with an Uncharged Gadolinium(III) Chelate with a Fast Water Exchange: The Influence of Chelate Charge on Rotational Dynamics. <i>Bioconjugate Chemistry</i> , 2009, 20, 2142-2153.	3.6	31

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55	Novel polymeric metal complexes of calix[4]arene-11,23-diphosphonic acid: synthesis and structure determination. <i>Inorganica Chimica Acta</i> , 2002, 335, 27-35.	2.4	29
56	Thermodynamic, kinetic and solid-state study of divalent metal complexes of 1,4,8,11-tetraazacyclotetradecane (cyclam) bearing two trans (1,8-)methylphosphonic acid pendant arms. <i>Dalton Transactions</i> , 2006, , 5184-5197.	3.3	29
57	Synthesis, characterisation and extraction behaviour of calix[4]arene-based phosphonic acids. Electronic supplementary information (ESI) available: Tables S1-S3 and Figs. S1 and S2. See http://www.rsc.org/suppdata/p2/b1/b105489a/ . <i>Perkin Transactions II RSC</i> , 2002, , 1370-1377.	1.1	26
58	Modification of Nanocrystalline TiO ₂ with Phosphonate- and Bis(phosphonate)-Bearing Macrocyclic Complexes: Sorption and Stability Studies. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 1981-1989.	2.0	26
59	The cis/trans-isomerism on cobalt(III) complexes with 1,4,8,11-tetraazacyclotetradecane-1,8-bis(methylphosphonic acid). <i>Inorganica Chimica Acta</i> , 2001, 317, 324-330.	2.4	25
60	Complexes of divalent transition metal ions with bis(aminomethyl)phosphinic acid in aqueous solution and in the solid state. <i>Dalton Transactions</i> , 2003, , 3927-3938.	3.3	25
61	Gadolinium- and Manganese-Based Contrast Agents with Fluorescent Probes for Both Magnetic Resonance and Fluorescence Imaging of Pancreatic Islets: A Comparative Study. <i>ChemMedChem</i> , 2013, 8, 614-621.	3.2	25
62	Towards MRI contrast agents responsive to Ca ²⁺ and Mg ²⁺ ions: metal-induced oligomerization of dota-bisphosphonate conjugates. <i>Contrast Media and Molecular Imaging</i> , 2010, 5, 294-296.	0.8	21
63	Fluorescent magnetic nanoparticles for cell labeling: Flux synthesis of manganite particles and novel functionalization of silica shell. <i>Journal of Colloid and Interface Science</i> , 2015, 447, 97-106.	9.4	21
64	Lanthanide complexes of a cyclen derivative with phenylphosphinic pendant arms for possible ¹ H and ³¹ P MRI temperature sensitive probes. <i>New Journal of Chemistry</i> , 1999, 23, 1129-1132.	2.8	20
65	REACTION OF COMPOUNDS WITH A H-P BOND WITH SCHIFF-BASES. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1999, 148, 79-95.	1.6	20
66	Synthesis and coordination properties of palladium(II) and platinum(II) complexes with phosphonated triphenylphosphine derivatives. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 2409-2423.	1.8	20
67	Unsymmetrically substituted side-bridged cyclam derivatives and their Cu ²⁺ and Zn ²⁺ complexes. <i>New Journal of Chemistry</i> , 2008, 32, 496-504.	2.8	20
68	1-hydroxy-1,1-bis(H-phosphinates): Synthesis, stability, and sorption properties. <i>Heteroatom Chemistry</i> , 2012, 23, 195-201.	0.7	20
69	Complexing properties of phosphinic analogues of glycine. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 2685-2691.	1.1	19
70	Unusual cis/trans Isomerism in Octahedral Nickel(II) Complexes with 1,4,8,11-Tetraazacyclotetradecane-1,8-bis(methylphosphonic Acid) as a Ligand. <i>Collection of Czechoslovak Chemical Communications</i> , 2001, 66, 363-381.	1.0	19
71	Ternary Complexes of Zinc(II), Cyclen and Pyridinecarboxylic Acids. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 3974-3987.	2.0	19
72	Bone-seeking probes for optical and magnetic resonance imaging. <i>Future Medicinal Chemistry</i> , 2010, 2, 521-531.	2.3	19

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73	PHOSPHONODIPEPTIDES. SYNTHESIS BY HOBt/DCC METHOD, MASS SPECTRA OF THE PROTECTED AND ¹ H NMR OF THE UNPROTECTED PHOSPHONODIPEPTIDES. Phosphorus, Sulfur and Silicon and the Related Elements, 1993, 79, 43-53.	1.6	18
74	Synthesis, fragmentation, and photorearrangement of neopentyl and adamantyl phosphonates in the 2,3-oxaphosphabicyclo[2.2.2]octene system. Journal of Organic Chemistry, 1994, 59, 120-129.	3.2	18
75	¹ H NMR relaxivity of aqueous suspensions of titanium dioxide nanoparticles coated with a gadolinium(III) chelate of a DOTA-monoamide with a phenylphosphonate pendant arm. Journal of Materials Chemistry, 2009, 19, 1494.	6.7	17
76	Magnetic properties of La ^{1-x} Sr ^x MnO ₃ nanoparticles prepared in a molten salt. Journal of Applied Physics, 2014, 115, 17B525.	2.5	16
77	Complexes of nitrilotrimethylphosphonic acid with cobalt, nickel, copper and zinc. Polyhedron, 1986, 5, 2063-2067.	2.2	15
78	Aminomethylenephosphinic acids and their complexing properties. Journal of the Chemical Society Dalton Transactions, 1992, , 939-944.	1.1	14
79	Complexes of platinum(II) and palladium(II) with aminomethylphosphonic acid and glycylaminomethylphosphonic acid. Journal of the Chemical Society Dalton Transactions, 1997, , 2621-2628.	1.1	14
80	Incorporation of innovative compounds in nanostructured photoelectrochemical cells. Journal of Materials Processing Technology, 2005, 161, 107-112.	6.3	14
81	Methylene-bis[(aminomethyl)phosphinic acids]: synthesis, acid-base and coordination properties. Dalton Transactions, 2013, 42, 2414-2422.	3.3	14
82	Aminoalkyl-1,1-bis(phosphinic acids): Stability, Acid-Base, and Coordination Properties. European Journal of Inorganic Chemistry, 2014, 2014, 4357-4368.	2.0	14
83	Potentiometric and NMR study of ethylenediamine-N,N,N',N'-tetrakis[methylene(phenylphosphinic)] acid and its complexing properties. Collection of Czechoslovak Chemical Communications, 1989, 54, 653-662.	1.0	14
84	Complexing properties of phosphonodipeptides containing aminomethylphosphonic acid. Journal of the Chemical Society Dalton Transactions, 1995, , 2605.	1.1	12
85	Magnetic La ^{1-x} Sr ^x MnO ₃ nanoparticles as contrast agents for MRI: the parameters affecting ¹ H transverse relaxation. Journal of Nanoparticle Research, 2015, 17, 1.	1.9	12
86	Complexing properties of [(glycylamino)methyl]phosphinic acids towards Co ²⁺ , Ni ²⁺ , Cu ²⁺ and Zn ²⁺ ions in aqueous solutions. Dalton Transactions RSC, 2001, , 2850-2857.	2.3	10
87	Complexation and biodistribution study of ¹¹¹ In and ⁹⁰ Y complexes of bifunctional phosphinic acid analogs of H4dota. Applied Radiation and Isotopes, 2009, 67, 21-29.	1.5	10
88	Selective Protection of 1,4,8,11-Tetraazacyclotetradecane (Cyclam) in Position 1,4 with the Phosphonothioyl Group and Synthesis of a Cyclam-1,4-bis(methylphosphonic Acid). Crystal Structures of Several Cyclic Phosphonothioamides. Collection of Czechoslovak Chemical Communications, 2006, 71, 337-367.	1.0	9
89	Complexing properties of phosphonodipeptides containing 1-aminoethylphosphonic acid. Journal of the Chemical Society Dalton Transactions, 1995, , 2611-2618.	1.1	8
90	Syntheses and crystal structures of cobalt(II) complexes with piperazine-1,4-diylbis(methylene)bis(phosphinic) acid. Polyhedron, 1995, 14, 3163-3166.	2.2	7

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91	Synthesis, crystal structures and spectroscopic properties of three Zn ²⁺ -cyclen ⁴⁺ -aminoacid complexes with new macrocyclic configurations. <i>Inorganica Chimica Acta</i> , 2009, 362, 3860-3866.	2.4	7
92	The complexes of iminodiacetic acid with divalent manganese and iron. <i>Collection of Czechoslovak Chemical Communications</i> , 1982, 47, 1169-1175.	1.0	5
93	A study of bis(iminodiacetato)cobaltates(II) and (III). <i>Inorganica Chimica Acta</i> , 1982, 58, 95-100.	2.4	5
94	SYNTHESIS OF PHOSPHINIC ACID ANALOGUES OF GLYCYL ²⁺ -GLYCINE AND CRYSTAL STRUCTURE OF N-GLYCYL-AMINOMETHYL-(PHENYLPHOSPHINIC) ACID. <i>Synthetic Communications</i> , 2002, 32, 79-88.	2.1	5
95	Synthesis and Coordination Behavior of Symmetrical Tetraamine Phosphinic Acids. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 3881-3891.	2.0	5
96	Amino acids binding to Zn ²⁺ -cyclen molecular receptor in aqueous solution. <i>Journal of Molecular Recognition</i> , 2011, 24, 295-302.	2.1	5
97	Complexing properties of diastereoisomers of 1-(L-methionylamino)ethylphosphonic acid. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 2629-2638.	1.1	4
98	A study of bis(iminodiacetate)nickelates. <i>Inorganica Chimica Acta</i> , 1983, 76, L99-L101.	2.4	3
99	A novel rearrangement reaction accompanying alkyl metaphosphate extrusion on low-temperature photolysis of 2,3-Oxaphosphabicyclo[2.2.2]octene derivatives. <i>Tetrahedron Letters</i> , 1992, 33, 3975-3978.	1.4	3
100	Complexes of Mercury(II) with Tetraethyl 2,2'-Bipyridyl-4,4'-diphosphonate. <i>Collection of Czechoslovak Chemical Communications</i> , 1997, 62, 1710-1720.	1.0	3
101	Synthesis and Structure of Noncoordinated Curtis Macrocycle as a Free Base and Dihydrobromide Dihydrate. <i>Collection of Czechoslovak Chemical Communications</i> , 1999, 64, 73-88.	1.0	3
102	Labeling of a bifunctional monophosphonic acid DOTA analogue with ¹¹¹ In: Radiochemical aspects and preclinical results. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2007, 273, 583-586.	1.5	3
103	Synthesis of a Bifunctional Monophosphinate DOTA Derivative Having a Free Carboxylate Group in the Phosphorus Side Chain. <i>Synthesis</i> , 2008, 2008, 1431-1435.	2.3	3
104	Bis(phosphonate)-Building Blocks Modified with Fluorescent Dyes. <i>Heteroatom Chemistry</i> , 2013, 24, 413-425.	0.7	3
105	Synthesis and characterization of monophosphonic acid DOTA derivative: A smart tool with functionalities for multimodal imaging. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 4297-4303.	3.0	3
106	Interaction of the Zn(ⁱⁱ)-cyclen complex with aminomethylphosphonic acid: original simultaneous potentiometric and ³¹ P NMR data treatment. <i>New Journal of Chemistry</i> , 2017, 41, 7253-7259.	2.8	3
107	Transition metal complexes of tris(aminomethyl)phosphine oxide (tampo) ⁴⁺ Thermodynamic and X-ray diffraction studies. <i>Inorganica Chimica Acta</i> , 2018, 469, 217-226.	2.4	3
108	Complexes of N-methyliminobis(methylenephosphonic) acid with cobalt, nickel, copper, and zinc. <i>Collection of Czechoslovak Chemical Communications</i> , 1988, 53, 987-994.	1.0	3

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109	Structure of bis[$\frac{1}{4}$ -iminodiacetato(1 λ^{\ominus})- $\frac{1}{4}$ -O,O',O'']-bis[pentaaquabarium(II)] bis[iminodiacetato(2 λ^{\ominus})-N,O,O']cuprate(II). Acta Crystallographica Section C: Crystal Structure Communications, 1989, 45, 23-25.	0.4	2
110	Über die Darstellung von reinem Dinatrium- ϵ -bis- ϵ -iminioacetato]- ϵ -cuprat(II)-dekahydrat. Zeitschrift für Chemie, 1973, 13, 194-195.	0.0	2
111	Phosphinate Analogues of Ida and Nta with Low Basicity of Nitrogen Atom: Acid-Base and Complexation Properties. Phosphorus, Sulfur and Silicon and the Related Elements, 2014, 189, 933-945.	1.6	2
112	Dipeptide interactions with Zn(II)-cyclen artificial model for molecular recognition. Journal of Molecular Recognition, 2015, 28, 211-219.	2.1	2
113	Formation of hydrogen phosphites of alkaline earth metals. Collection of Czechoslovak Chemical Communications, 1980, 45, 2283-2289.	1.0	2
114	Conditions of formation of alkali hydrogenphosphites. Collection of Czechoslovak Chemical Communications, 1980, 45, 3069-3080.	1.0	2
115	Pseudo-ternary sections in K ₂ H ₂ P ₂ O ₇ -K ₃ HP ₂ O ₇ -K ₃ H ₂ P ₃ O ₁₀ -K ₄ HP ₃ O ₁₀ -H ₂ O system. Collection of Czechoslovak Chemical Communications, 1981, 46, 2633-2639.	1.0	1
116	Solubility in the K ₂ H ₂ P ₂ O ₇ -K ₃ HP ₂ O ₇ -K ₃ H ₂ P ₃ O ₁₀ -K ₄ HP ₃ O ₁₀ -H ₂ O system at 0 °C. Collection of Czechoslovak Chemical Communications, 1983, 48, 1676-1679.	1.0	1
117	Solubility in the KH ₂ PO ₄ -K ₂ HPO ₄ -K ₂ H ₂ P ₂ O ₇ -K ₃ HP ₂ O ₇ -H ₂ O system at 0 °C. Collection of Czechoslovak Chemical Communications, 1984, 49, 25-28.	1.0	1
118	A Study of Ammonium Mono-, Di- and Triphosphate Heterogeneous Systems in View of their Use as Liquid Fertilizers. Phosphorous and Sulfur and the Related Elements, 1987, 30, 834-834.	0.2	0
119	Potentiometric and NMR Study of Aminoalkylphosphinic Acids ZWD their Complexing Properties. Phosphorus, Sulfur and Silicon and the Related Elements, 1990, 51, 354-354.	1.6	0
120	Synthesis, Structure and Solution Properties of Tetra-Azacycles with Pendant Methylene(Phenylphosphinic) Groups. Phosphorus, Sulfur and Silicon and the Related Elements, 1999, 147, 229-229.	1.6	0
121	Synthesis, Crystal Structure and Complexing Properties of Phosphinic Analogues of Glycylglycine. Phosphorus, Sulfur and Silicon and the Related Elements, 1999, 147, 119-119.	1.6	0