

Ivan Lukes

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115
papers

4,126
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36
h-index

60
g-index

131
ext. papers

4,349
ext. citations

4
avg, IF

4.88
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 115 | Gadolinium(III) complexes as MRI contrast agents: ligand design and properties of the complexes. <i>Dalton Transactions</i> , 2008 , 3027-47 | 4.3 | 410 |
| 114 | Complexes of tetraazacycles bearing methylphosphinic/phosphonic acid pendant arms with copper(II), zinc(II) and lanthanides(III). A comparison with their acetic acid analogues. <i>Coordination Chemistry Reviews</i> , 2001 , 216-217, 287-312 | 23.2 | 208 |
| 113 | Manganese(II) Complexes as Potential Contrast Agents for MRI. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 1975-1986 | 2.3 | 135 |
| 112 | A triazacyclononane-based bifunctional phosphinate ligand for the preparation of multimeric ⁶⁸ Ga tracers for positron emission tomography. <i>Chemistry - A European Journal</i> , 2010 , 16, 7174-85 | 4.8 | 122 |
| 111 | A bisphosphonate monoamide analogue of DOTA: a potential agent for bone targeting. <i>Journal of the American Chemical Society</i> , 2005 , 127, 16477-85 | 16.4 | 121 |
| 110 | Gallium(III) complexes of DOTA and DOTA-monoamide: kinetic and thermodynamic studies. <i>Inorganic Chemistry</i> , 2010 , 49, 10960-9 | 5.1 | 104 |
| 109 | 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. <i>Bioconjugate Chemistry</i> , 2006 , 17, 975-87 | 6.3 | 104 |
| 108 | Lanthanide(III) complexes of a mono(methylphosphonate) analogue of H4dota: the influence of protonation of the phosphonate moiety on the TSAP/SAP isomer ratio and the water exchange rate. <i>Chemistry - A European Journal</i> , 2005 , 11, 2373-84 | 4.8 | 102 |
| 107 | Sensitization of TiO ₂ by Polypyridine Dyes. <i>Journal of the Electrochemical Society</i> , 2003 , 150, E155 | 3.9 | 97 |
| 106 | Mn(2+) complexes with pyridine-containing 15-membered macrocycles: thermodynamic, kinetic, crystallographic, and (1)H/(17)O relaxation studies. <i>Inorganic Chemistry</i> , 2010 , 49, 3224-38 | 5.1 | 89 |
| 105 | Lanthanide(III) complexes of novel mixed carboxylic-phosphorus acid derivatives of diethylenetriamine: a step towards more efficient MRI contrast agents. <i>Chemistry - A European Journal</i> , 2003 , 9, 5899-915 | 4.8 | 82 |
| 104 | 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. <i>Organic and Biomolecular Chemistry</i> , 2005 , 3, 112-7 | 3.9 | 81 |
| 103 | Crystal structures of lanthanide(III) complexes with cyclen derivative bearing three acetate and one methylphosphonate pendants. <i>Inorganic Chemistry</i> , 2005 , 44, 5591-9 | 5.1 | 76 |
| 102 | Thermodynamic study of lanthanide(III) complexes with bifunctional monophosphinic acid analogues of H4dota and comparative kinetic study of yttrium(III) complexes. <i>Dalton Transactions</i> , 2007 , 535-49 | 4.3 | 75 |
| 101 | Gadolinium(III) complexes of mono- and diethyl esters of monophosphonic acid analogue of DOTA as potential MRI contrast agents: solution structures and relaxometric studies. <i>Dalton Transactions</i> , 2007 , 493-501 | 4.3 | 68 |
| 100 | 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. <i>Chemistry - A European Journal</i> , 2003 , 9, 233-48 | 4.8 | 68 |
| 99 | PET/CT imaging of osteoblastic bone metastases with (⁶⁸ Ga)-bisphosphonates: first human study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010 , 37, 834 | 8.8 | 67 |

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|----|--|------|----|
| 98 | A gadolinium(III) complex of a carboxylic-phosphorus acid derivative of diethylenetriamine covalently bound to inulin, a potential macromolecular MRI contrast agent. <i>Bioconjugate Chemistry</i> , 2004 , 15, 881-9 | 6.3 | 65 |
| 97 | 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. <i>Inorganic Chemistry</i> , 2011 , 50, 12785-801 | 5.1 | 62 |
| 96 | Aminoalkylbis(phosphonates): Their Complexation Properties in Solution and in the Solid State. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 333-344 | 2.3 | 60 |
| 95 | Lanthanide(III) complexes of bis(phosphonate) monoamide analogues of DOTA: bone-seeking agents for imaging and therapy. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 677-83 | 8.3 | 59 |
| 94 | Thermodynamic and Kinetic Studies of Lanthanide(III) Complexes with H5do3ap (1,4,7,10-Tetraazacyclododecane-1,4,7-triacetic-10-(methylphosphonic Acid)), a Monophosphonate Analogue of H4dota. <i>Collection of Czechoslovak Chemical Communications</i> , 2005 , 70, 1909-1942 | | 59 |
| 93 | Dissociation kinetics of Mn ²⁺ complexes of NOTA and DOTA. <i>Dalton Transactions</i> , 2011 , 40, 1945-51 | 4.3 | 56 |
| 92 | Dendrimeric Gd(III) complex of a monophosphinated DOTA analogue: optimizing relaxivity by reducing internal motion. <i>Chemical Communications</i> , 2005 , 2390-2 | 5.8 | 56 |
| 91 | Lanthanide(III) Complexes of Phosphorus Acid Analogues of H4DOTA as Model Compounds for the Evaluation of the Second-Sphere Hydration. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 119-136 | 3.3 | 52 |
| 90 | Direct Reaction of Phosphorus Acids with Hydroxy of a Silanol and on the Silica Gel Surface. <i>Journal of the American Chemical Society</i> , 1994 , 116, 1737-1741 | 16.4 | 50 |
| 89 | Cyclodextrin-based bimodal fluorescence/MRI contrast agents: an efficient approach to cellular imaging. <i>Chemistry - A European Journal</i> , 2010 , 16, 10094-102 | 4.8 | 44 |
| 88 | Synthesis and complexing properties of polyazamacrocycles with pendant N-methylenephosphinic acid. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995 , 1133 | | 44 |
| 87 | Phosphinic derivative of DTPA conjugated to a G5 PAMAM dendrimer: an ¹⁷ O and ¹ H relaxation study of its Gd(III) complex. <i>Dalton Transactions</i> , 2006 , 3399-406 | 4.3 | 41 |
| 86 | Phosphonate-titanium dioxide assemblies: platform for multimodal diagnostic-therapeutic nanopores. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 5185-94 | 8.3 | 40 |
| 85 | Cyclam (1,4,8,11-tetraazacyclotetradecane) with one methylphosphonate pendant arm: a new ligand for selective copper(II) binding. <i>Dalton Transactions</i> , 2005 , 2908-15 | 4.3 | 40 |
| 84 | 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. <i>Inorganic Chemistry</i> , 2009 , 48, 466-75 | 5.1 | 39 |
| 83 | Nucleophilic reactivity of perhydro-3,6,9,12-tetraazacyclopenteno[1,3-f,g]acenaphthylene. A unified approach to N-monosubstituted and N,N'-disubstituted cyclene derivatives. <i>Tetrahedron Letters</i> , 2000 , 41, 1249-1253 | 2 | 39 |
| 82 | 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 | | 37 |
| 81 | 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 | | 37 |

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| 80 | Mn ²⁺ complexes of 1-oxa-4,7-diazacyclononane based ligands with acetic, phosphonic and phosphinic acid pendant arms: stability and relaxation studies. <i>Dalton Transactions</i> , 2011 , 40, 10131-46 | 4.3 | 36 |
| 79 | 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, 455-65 | 5.1 | 36 |
| 78 | Three in one: TSA, TSA δ and SA units in one crystal structure of a yttrium(III) complex with a monophosphinated H4dota analogue. <i>Inorganic Chemistry</i> , 2006 , 45, 3097-102 | 5.1 | 36 |
| 77 | 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 | 2.3 | 36 |
| 76 | 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 | | 34 |
| 75 | 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 , 3204-14 | 4.3 | 34 |
| 74 | 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 , 2602-3 | 5.8 | 34 |
| 73 | 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 , 185-91 | 4.3 | 33 |
| 72 | Spectroscopic characterization of Eu(III) complexes with new monophosphorus acid derivatives of H(4)dota. <i>Journal of Fluorescence</i> , 2005 , 15, 507-12 | 2.4 | 33 |
| 71 | Bis(methylphosphonic Acid) Derivatives of 1,4,8,11-Tetraazacyclotetradecane (Cyclam). Synthesis, Crystal and Molecular Structures, and Solution Properties. <i>Collection of Czechoslovak Chemical Communications</i> , 2000 , 65, 1289-1316 | | 33 |
| 70 | Core-shell La(1-x)Sr(x)MnO ₃ nanoparticles as colloidal mediators for magnetic fluid hyperthermia. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2010 , 368, 4389-405 ³ | | 32 |
| 69 | Comparison of different phosphorus-containing ligands complexing ⁶⁸ Ga for PET-imaging of bone metabolism. <i>Radiochimica Acta</i> , 2011 , 99, 43-51 | 1.9 | 32 |
| 68 | 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). <i>Collection of Czechoslovak Chemical Communications</i> , 2000 , 65, 243-266 | | 31 |
| 67 | Complexes of DOTA-bisphosphonate conjugates: probes for determination of adsorption capacity and affinity constants of hydroxyapatite. <i>Langmuir</i> , 2008 , 24, 1952-8 | 4 | 30 |
| 66 | 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 | 2.3 | 30 |
| 65 | 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, 13509-19 ³ | 4.3 | 29 |
| 64 | 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, 2142-33 | 6.3 | 29 |
| 63 | 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 | 2.7 | 29 |

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| 62 | 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 ^{2,3} | 26 |
| 61 | 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 | 2.7 26 |
| 60 | Synthesis, characterisation and extraction behaviour of calix[4]arene-based phosphonic acids. <i>Perkin Transactions II RSC</i> , 2002 , 1370-1377 | 26 |
| 59 | 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 , 5184-97 | 4.3 25 |
| 58 | 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 | 25 |
| 57 | Gadolinium- and manganite-based contrast agents with fluorescent probes for both magnetic resonance and fluorescence imaging of pancreatic islets: a comparative study. <i>ChemMedChem</i> , 2013 , 8, 614-21 | 3.7 24 |
| 56 | 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 | 4.3 24 |
| 55 | 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 | 2.7 21 |
| 54 | 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 ^{2,3} | 20 |
| 53 | 1-hydroxy-1,1-bis(H-phosphinates): Synthesis, stability, and sorption properties. <i>Heteroatom Chemistry</i> , 2012 , 23, 195-201 | 1.2 19 |
| 52 | 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 | 9.3 18 |
| 51 | Unsymmetrically substituted side-bridged cyclam derivatives and their Cu(II) and Zn(II) complexes. <i>New Journal of Chemistry</i> , 2008 , 32, 496-504 | 3.6 18 |
| 50 | Ternary Complexes of Zinc(II), Cyclen and Pyridinecarboxylic Acids. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 3974-3987 | 2.3 18 |
| 49 | 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. <i>Journal of Materials Chemistry</i> , 2009 , 19, 1494 | 17 |
| 48 | Towards MRI contrast agents responsive to Ca(II) and Mg(II) ions: metal-induced oligomerization of dota-bisphosphonate conjugates. <i>Contrast Media and Molecular Imaging</i> , 2010 , 5, 294-6 | 3.2 17 |
| 47 | Complexing properties of phosphinic analogues of glycine. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996 , 2685-2691 | 17 |
| 46 | Bone-seeking probes for optical and magnetic resonance imaging. <i>Future Medicinal Chemistry</i> , 2010 , 2, 521-31 | 4.1 16 |
| 45 | 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 16 |

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| 44 | 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 | | 15 |
| 43 | Synthesis, fragmentation, and photorearrangement of neopentyl and adamantyl phosphonates in the 2,3-oxaphosphabicyclo[2.2.2]octene system. <i>Journal of Organic Chemistry</i> , 1994 , 59, 120-129 | 4.2 | 15 |
| 42 | Complexes of platinum(II) and palladium(II) with aminomethylphosphonic acid and glycylaminomethylphosphonic acid. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997 , 2621-2628 | | 14 |
| 41 | Magnetic properties of La _{1-x} Sr _x MnO ₃ nanoparticles prepared in a molten salt. <i>Journal of Applied Physics</i> , 2014 , 115, 17B525 | 2.5 | 13 |
| 40 | Methylene-bis[(aminomethyl)phosphinic acids]: synthesis, acid-base and coordination properties. <i>Dalton Transactions</i> , 2013 , 42, 2414-22 | 4.3 | 13 |
| 39 | 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 | 3.6 | 13 |
| 38 | Complexes of nitrilotrimethylphosphonic acid with cobalt, nickel, copper and zinc. <i>Polyhedron</i> , 1986 , 5, 2063-2067 | 2.7 | 13 |
| 37 | Magnetic La _{1-x} Sr _x MnO ₃ nanoparticles as contrast agents for MRI: the parameters affecting ¹ H transverse relaxation. <i>Journal of Nanoparticle Research</i> , 2015 , 17, 1 | 2.3 | 12 |
| 36 | PHOSPHONODIPEPTIDES. SYNTHESIS BY HOBT/DCC METHOD, MASS SPECTRA OF THE PROTECTED AND ¹ H NMR OF THE UNPROTECTED PHOSPHONODIPEPTIDES. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1993 , 79, 43-53 | 1 | 12 |
| 35 | Aminomethylenephosphinic acids and their complexing properties. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992 , 939-944 | | 12 |
| 34 | Incorporation of innovative compounds in nanostructured photoelectrochemical cells. <i>Journal of Materials Processing Technology</i> , 2005 , 161, 107-112 | 5.3 | 11 |
| 33 | Aminoalkyl-1,1-bis(phosphinic acids): Stability, Acid-Base, and Coordination Properties. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 4357-4368 | 2.3 | 10 |
| 32 | Complexation and biodistribution study of ¹¹¹ In and ⁹⁰ Y complexes of bifunctional phosphinic acid analogs of H4dota. <i>Applied Radiation and Isotopes</i> , 2009 , 67, 21-9 | 1.7 | 10 |
| 31 | Complexing properties of [(glycylamino)methyl]phosphinic acids towards Co ²⁺ , Ni ²⁺ , Cu ²⁺ and Zn ²⁺ ions in aqueous solutions. <i>Dalton Transactions RSC</i> , 2001 , 2850-2857 | | 9 |
| 30 | Complexing properties of phosphonodipeptides containing aminomethylphosphonic acid. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995 , 2605 | | 9 |
| 29 | Potentiometric and NMR study of ethylenediamine-N,N,N',N''-tetrakis[methylene(phenylphosphinic)] acid and its complexing properties. <i>Collection of Czechoslovak Chemical Communications</i> , 1989 , 54, 653-662 | | 9 |
| 28 | 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. <i>Collection of Czechoslovak Chemical Communications</i> , 2006 , 71, 337-367 | | 8 |
| 27 | Complexing properties of phosphonodipeptides containing 1-aminoethylphosphonic acid. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995 , 2611-2618 | | 8 |

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| 26 | Synthesis, crystal structures and spectroscopic properties of three Zn(II)-cyclen- amino acid complexes with new macrocyclic configurations. <i>Inorganica Chimica Acta</i> , 2009 , 362, 3860-3866 | 2.7 | 7 |
| 25 | Syntheses and crystal structures of cobalt(II) complexes with piperazine-1,4-diylbis(methylene)bis(phosphinic) acid. <i>Polyhedron</i> , 1995 , 14, 3163-3166 | 2.7 | 6 |
| 24 | Amino acids binding to Zn ²⁺ -cyclen molecular receptor in aqueous solution. <i>Journal of Molecular Recognition</i> , 2011 , 24, 295-302 | 2.6 | 5 |
| 23 | Complexing properties of diastereoisomers of 1-(L-methionylamino)ethylphosphonic acid. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997 , 2629-2638 | | 4 |
| 22 | Synthesis and Coordination Behavior of Symmetrical Tetraamine Phosphinic Acids. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 3881-3891 | 2.3 | 4 |
| 21 | SYNTHESIS OF PHOSPHINIC ACID ANALOGUES OF GLYCYL-L-GLYCINE AND CRYSTAL STRUCTURE OF N-GLYCYL-AMINOMETHYL-(PHENYLPHOSPHINIC) ACID. <i>Synthetic Communications</i> , 2002 , 32, 79-88 | 1.7 | 4 |
| 20 | The complexes of iminodiacetic acid with divalent manganese and iron. <i>Collection of Czechoslovak Chemical Communications</i> , 1982 , 47, 1169-1175 | | 4 |
| 19 | 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 | 3.6 | 3 |
| 18 | Bis(phosphonate)-Building Blocks Modified with Fluorescent Dyes. <i>Heteroatom Chemistry</i> , 2013 , 24, 413-425 | | 3 |
| 17 | Complexes of Mercury(II) with Tetraethyl 2,2'-Bipyridyl-4,4'-Diphosphonate. <i>Collection of Czechoslovak Chemical Communications</i> , 1997 , 62, 1710-1720 | | 3 |
| 16 | Synthesis and Structure of Noncoordinated Curtis Macrocyclic as a Free Base and Dihydrobromide Dihydrate. <i>Collection of Czechoslovak Chemical Communications</i> , 1999 , 64, 73-88 | | 3 |
| 15 | Transition metal complexes of tris(aminomethyl)phosphine oxide (tampo) I Thermodynamic and X-ray diffraction studies. <i>Inorganica Chimica Acta</i> , 2018 , 469, 217-226 | 2.7 | 2 |
| 14 | Phosphinate Analogues of Ida and Nta with Low Basicity of Nitrogen Atom: Acid-Base and Complexation Properties. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2014 , 189, 933-945 | 1 | 2 |
| 13 | Synthesis and Characterization of Ligands and their Gadolinium(III) Complexes 2013 , 83-155 | | 2 |
| 12 | Dipeptide interactions with Zn(II)-cyclen artificial model for molecular recognition. <i>Journal of Molecular Recognition</i> , 2015 , 28, 211-9 | 2.6 | 2 |
| 11 | Synthesis of a Bifunctional Monophosphinate DOTA Derivative Having a Free Carboxylate Group in the Phosphorus Side Chain. <i>Synthesis</i> , 2008 , 2008, 1431-1435 | 2.9 | 2 |
| 10 | Labeling of a bifunctional monophosphinic 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 | 2 |
| 9 | 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 ² | | 2 |

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| 8 | A study of bis(iminodiacetate)nickelates. <i>Inorganica Chimica Acta</i> , 1983 , 76, L99-L101 | 2.7 | 2 |
| 7 | A study of bis(iminodiacetato)cobaltates(II) and (III). <i>Inorganica Chimica Acta</i> , 1982 , 58, 95-100 | 2.7 | 2 |
| 6 | Complexes of N-methyliminobis(methylenephosphonic) acid with cobalt, nickel, copper, and zinc. <i>Collection of Czechoslovak Chemical Communications</i> , 1988 , 53, 987-994 | | 2 |
| 5 | Synthesis and characterization of monophosphinic acid DOTA derivative: A smart tool with functionalities for multimodal imaging. <i>Bioorganic and Medicinal Chemistry</i> , 2017 , 25, 4297-4303 | 3.4 | 1 |
| 4 | Ber die Darstellung von reinem Dinatrium-[bis-iminioacetato]-cuprat(II)-dekahydrat. <i>Zeitschrift für Chemie</i> , 2010 , 13, 194-195 | | 1 |
| 3 | Structure of bis[iminodiacetato(1-)]-bis[pentaaquabarium(II)] bis[iminodiacetato(2-)]cuprate(II). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1989 , 45, 23-25 | | 1 |
| 2 | Synthesis, Crystal Structure and Complexing Properties of Phosphinic Analogues of Glycylglycine. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1999 , 147, 119-119 | | 1 |
| 1 | Potentiometric and NMR Study of Aminoalkylphosphinic Acids ZWD their Complexing Properties. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1990 , 51, 354-354 | | 1 |