Ewa Matczak-Jon

List of Publications by Year
in descending order

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		471371	477173
54	943	17	29
papers	citations	h-index	g-index

54	54	54	884
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Supramolecular chemistry and complexation abilities of diphosphonic acids. Coordination Chemistry Reviews, 2005, 249, 2458-2488.	9.5	189
2	Cocrystals of fisetin, luteolin and genistein with pyridinecarboxamide coformers: crystal structures, analysis of intermolecular interactions, spectral and thermal characterization. CrystEngComm, 2013, 15, 7696.	1.3	52
3	A 1:1 pharmaceutical cocrystal of myricetin in combination with uncommon piracetam conformer: X-ray single crystal analysis and mechanochemical synthesis. Journal of Molecular Structure, 2014, 1058, 114-121.	1.8	46
4	Improving solubility of fisetin by cocrystallization. CrystEngComm, 2014, 16, 10592-10601.	1.3	42
5	Insight into the mechanism of three component condensation leading to aminomethylenebisphosphonates. Journal of Organometallic Chemistry, 2009, 694, 3806-3813.	0.8	40
6	Solid-state characterization and solubility of a genisteinâ€“caffeine cocrystal. Journal of Molecular Structure, 2014, 1076, 80-88.	1.8	36
7	Interactions of zinc(II), magnesium(II) and calcium(II) with iminodimethylenediphosphonic acids in aqueous solutionsâ€Šâ€. Journal of the Chemical Society Dalton Transactions, 1999, , 3627-3637.	1.1	34
8	A 1:1 cocrystal of baicalein with nicotinamide. Acta Crystallographica Section C: Crystal Structure Communications, 2012, 68, o262-o265.	0.4	32
9	Interactions of zinc(II), magnesium(II) and calcium(II) with aminomethane-1,1-diphosphonic acids in aqueous solutions. Polyhedron, 2002, 21, 321-332.	1.0	31
10	A 1:2 cocrystal of genistein with isonicotinamide: crystal structure and Hirshfeld surface analysis. Acta Crystallographica Section C: Crystal Structure Communications, 2013, 69, 1267-1272.	0.4	29
11	Proton and carbon-13 NMR studies on coordination of ATP nucleotide to Pd(II)glycyl-L-histidine complex. Inorganica Chimica Acta, 1979, 32, 143-148.	1.2	24
12	Synthesis, crystal structure and NMR investigation of novel Ca(II) complexes with heterocyclic alcohol, aldehyde and carboxylate ligands. Evaluation of Ca(II) and Cd(II) analogues for anticancer activity. Inorganica Chimica Acta, 2013, 399, 85-94.	1.2	23
13	31P NMR enantiomeric purity determination of free 1-aminoalkylphosphonic acids via their diastereoisomeric Pd(II) complexes. Magnetic Resonance in Chemistry, 1989, 27, 922-924.	1.1	22
14	Solid-State Molecular Organization and Solution Behavior of Methane-1,1-Diphosphonic Acid Derivatives of Heterocyclic Amines: The Role of the Topochemical Ring Modification and the Intramolecular Hydrogen Bonds in Monosubstituted Piperid-1-ylmethane-1,1-diphosphonic Acids. Chemistry - A European Journal, 2005, 11, 2357-2372.	1.7	22
15	Coordination abilities of piperyd-1-yl-methane-1,1-diphosphonic acids towards zinc(II), magnesium(II) and calcium(II): Potentiometric and NMR studies. Journal of Inorganic Biochemistry, 2006, 100, 1155-1166.	1.5	22
16	Engineering of phosphatidylcholine-based solid lipid nanocarriers for flavonoids delivery. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 460, 483-493.	2.3	19
17	Interaction of Pd(II) glycyl-l-histidine complex with cytidine and GMP. Proton and carbon-13 nmr studies. Journal of Inorganic Biochemistry, 1980, 12, 143-156.	1.5	17
18	Specificity of the zinc(ii), magnesium(ii) and calcium(ii) complexation by (pyridin-2-yl)aminomethane-1,1-diphosphonic acids and related 1,3-(thiazol-2-yl) and 1,3-(benzothiazol-2-yl) derivatives. Dalton Transactions, 2010, 39, 1207-1221.	1.6	17

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19	Molecular organization and solution properties of N-substituted aminomethane-1,1-diphosphonic acids. New Journal of Chemistry, 2001, 25, 1447-1457.	1.4	16
20	Potentiometric and spectroscopic studies on Cu(II) complexation to aminophosphonic acid, 1-(3-pyridyl)-1-(n-butylamino)-methanephosphonic acid. Inorganica Chimica Acta, 1986, 124, 83-85.	1.2	15
21	Solid state and solution behaviour of N-(2-pyridyl)- and N-(4-methyl-2-pyridyl)aminomethane-1,1-diphosphonic acids. Journal of Molecular Structure, 2006, 782, 81-93.	1.8	15
22	Zinc(II) complexes of phosphonic acid analogues of glutamic acid. Journal of the Chemical Society Dalton Transactions, 1996, , 3455.	1.1	13
23	TRANSITION METAL COMPLEXES OF AMINOPHOSPHONIC ACID ANALOGUES OF METHIONINE AND ALANINE IN AQUEOUS SOLUTION. Journal of Coordination Chemistry, 1998, 43, 243-255.	0.8	13
24	Palladium(II) complexes with aminophosphonates I. K2PdCl4 coordination to aminophosphonic acid analogues of glycine and Î±-alanine. Inorganica Chimica Acta, 1990, 173, 85-91.	1.2	12
25	Zinc(II) complexes of phosphonic acid analogues of aspartic acid and asparagine. Journal of the Chemical Society Dalton Transactions, 1998, , 161-170.	1.1	12
26	Synthesis of N-methyl alkylaminomethane-1,1-diphosphonic acids and evaluation of their complex-formation abilities towards copper(II). Polyhedron, 2015, 85, 675-684.	1.0	12
27	Copper(II) complexation by (pyridinyl)aminomethane-1,1-diphosphonic acid derivatives; spectroscopic and potentiometric studies. Polyhedron, 2011, 30, 1274-1280.	1.0	11
28	NMR, potentiometric and ESI-MS combined studies on the zinc(II) magnesium(II) and calcium(II) complexation by (morpholin-1-yl)methane-1,1-diphosphonic acid and its thio-analog. Polyhedron, 2012, 31, 176-187.	1.0	11
29	Two isomorphous Co(ii) coordination polymers based on new Î±,Î±-disubstituted derivatives of zoledronic acid: synthesis, structures and properties. Dalton Transactions, 2017, 46, 6900-6911.	1.6	11
30	The Spectrochemical Properties of bis-(Î±-Methioninephosphonato)Copper(II) in Aqueous Solution. Spectroscopy Letters, 1996, 29, 1307-1316.	0.5	10
31	Mixed-ligand zinc(II) complexes with diethylenetriamine (or triethylenetetramine) and Î±-(or Î²-) alaninehydroxamic acids in water solution. Potentiometric and NMR studies. Polyhedron, 2002, 21, 2183-2193.	1.0	9
32	Structural and spectroscopic properties and density functional theory (DFT) calculations of a linearly bridged zinc(II) l-tyrosinato complex. Polyhedron, 2015, 85, 665-674.	1.0	8
33	Imidazo[1,2-a]pyridin-2-ylacetic acid and two pairs of isomorphous ML2(H2O)2 dihydrates (M=Ni, Co and) Tj ETQq1 1 0.784314 rgBT /O	1.0	7
34	Zinc(II) complexes derived from imidazo[1,2-a]pyridin-2-ylacetic acid (HIP-2-ac): [Zn(IP-2-ac)₂(H₂O)] and unexpectedly, [Zn₃(IP-2-ac)₆(H₂O)]Â·11H₂O. Journal of Coordination Chemistry, 2015, 68, 2208-2224.	0.8	7
35	Synthesis, structure and properties of Ni(II) coordination polymer based on Î±,Î±-dimethyl substituted zoledronate. Polyhedron, 2018, 141, 44-51.	1.0	7
36	The role of hydrogen bonding in conformational stabilization of 3,5,6- and 3,5-substituted (pyridin-2-yl)aminomethane-1,1-diphosphonic acids and related (pyrimidin-2-yl) derivative. Journal of Molecular Structure, 2010, 980, 182-192.	1.8	6

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37	1D Co(ii) coordination polymers based on cyclobutyl- and cyclopentyl-substituted zoledronate analogues: synthesis, structural comparison, thermal stability and magnetic properties. New Journal of Chemistry, 2018, 42, 7830-7844.	1.4	6
38	Structural characterization of pyridin-2-, -3-, and -4-yl functionalized (iminodimethanediyl)bis(phosphonic) acids: Insight into the cobalt(II) and copper(II) complexes of pyridin-2-yl derivative. Polyhedron, 2013, 50, 398-409.	1.0	5
39	Synthesis, crystal structures and spectral characterization of imidazo[1,2-a]pyrimidin-2-yl-acetic acid and related analog with imidazo[2,1-b]thiazole ring. Journal of Molecular Structure, 2016, 1117, 153-163.	1.8	5
40	[(5-Bromopyridinium-2-ylamino)(phosphono)methyl]phosphonate. Acta Crystallographica Section C: Crystal Structure Communications, 2006, 62, o132-o135.	0.4	4
41	Conformational isomers of the [(5-methyl-2-pyridinio)aminomethylene]diphosphonate dianion and [(5-methyl-2-pyridyl)aminomethylene]diphosphonate trianion in salts with 4-aminopyridine and ammonia. Acta Crystallographica Section C: Crystal Structure Communications, 2009, 65, o261-o266.	0.4	4
42	Dicyclohexylammonium bromoacetate: a low molecular mass organogelator with a one-dimensional secondary ammonium monocarboxylate (SAM) synthon. Acta Crystallographica Section C, Structural Chemistry, 2015, 71, 593-597.	0.2	4
43	Deciphering preferred solid-state conformations in nitrogen-containing bisphosphonates and their coordination compounds. A case study of discrete Cu(ii) complexes based on Cî±-substituted analogues of zoledronic acid: crystal structures and solid-state characterization. CrystEngComm, 2019, 21, 4340-4353.	1.3	4
44	Low pH constructed Co(ii) and Ni(ii) 1D coordination polymers based on Cî±-substituted analogues of zoledronic acid: structural characterization, and spectroscopic and magnetic properties. RSC Advances, 2019, 9, 31497-31510.	1.7	4
45	X-ray evidence for the relationship between pyridyl side chain basicity and the Z/E preferences of 5-halogen substituted(pyridin-2-yl)aminomethane-1,1-diphosphonic acids; implications for metal ions coordination in solution. Arkivoc, 2012, 2012, 167-185.	0.3	4
46	THE PHOSPHONIC ANALOGUES OF THREONINE AND Î²-PHENYLSERINE: PREPARATION AND ANALYSIS OF STEREOISOMERS. Phosphorus, Sulfur and Silicon and the Related Elements, 1998, 142, 101-115.	0.8	3
47	Conformations and resulting hydrogen-bonded networks of hydrogen {phosphono[(pyridin-1-ium-3-yl)amino]methyl}phosphonate and related 2-chloro and 6-chloro derivatives. Acta Crystallographica Section C: Crystal Structure Communications, 2011, 67, o450-o456.	0.4	3
48	Crystal structures, solution conformations and zinc(II) complex-forming abilities of two uncommon phosphonic derivatives of glutamic acid. Journal of Molecular Structure, 2004, 688, 159-169.	1.8	2
49	Complexes of aminophosphonates 5. Interaction of copper(II) ion with aminophosphonic inhibitors of leucine aminopeptidase. Journal of Inorganic Biochemistry, 1990, 40, 37-46.	1.5	1
50	Platinum(II) complexes with 1-amino-4-thiapentylphosphonic acid and its diethyl ester. Polyhedron, 1999, 18, 2169-2176.	1.0	1
51	Co(II) coordination polymers derived from Î±,Î±-disubstituted analogues of zoledronic acid and 4,4â€²-bipyridine: Synthesis, structures and characterization. Polyhedron, 2020, 185, 114594.	1.0	1
52	Zinc(II) complexes of phosphonic acid analogues of glutamic acid. Journal of Inorganic Biochemistry, 1995, 59, 100.	1.5	0
53	Z/E Isomerism in (Pyridinyl)aminomethane-1,1-diphosphonic Acids Derived from 2-, 3-, and 4-Aminopyridines. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 850-851.	0.8	0
54	Crystal structure of dicyclohexylammonium nitrate(V). Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o878-o879.	0.2	0