

Adam Huczynski

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

148
papers

2,348
citations

25
h-index

41
g-index

156
ext. papers

2,722
ext. citations

3.6
avg, IF

5.44
L-index

#	Paper	IF	Citations
148	Synthesis of Lasalocid-Based Bioconjugates and Evaluation of Their Anticancer Activity.. <i>ACS Omega</i> , 2022 , 7, 1943-1955	3.9	2
147	Rate of translocation across lipid bilayer of triphenylphosphonium-linked salinomycin derivatives contributes significantly to their K/H exchange activity on membranes.. <i>Bioelectrochemistry</i> , 2022 , 145, 108089	5.6	
146	Molecular structure and spectroscopic studies of the product of acidic degradation of salinomycin and its potassium salt. <i>Journal of Molecular Structure</i> , 2022 , 133129	3.4	0
145	Synthesis and evaluation of antibacterial and trypanocidal activity of derivatives of monensin A.. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021 , 58, 128521	2.9	0
144	Photoinduced Skeletal Rearrangement of -Substituted Colchicine Derivatives. <i>Journal of Organic Chemistry</i> , 2021 , 86, 11029-11039	4.2	2
143	Antidepressants and Antipsychotic Agents as Repurposable Oncological Drug Candidates. <i>Current Medicinal Chemistry</i> , 2021 , 28, 2137-2174	4.3	6
142	An insight into the anticancer potential of carbamates and thiocarbamates of 10-demethoxy-10-methylaminocolchicine. <i>European Journal of Medicinal Chemistry</i> , 2021 , 215, 113282	6.8	7
141	Role of Vitamin E in Selected Malignant Neoplasms in Women. <i>Nutrition and Cancer</i> , 2021 , 1-8	2.8	0
140	Singly and doubly modified analogues of C20-epi-salinomycin: A new group of antiparasitic agents against <i>Trypanosoma brucei</i> . <i>European Journal of Medicinal Chemistry</i> , 2021 , 209, 112900	6.8	2
139	Limitations of an ex vivo breast cancer model for studying the mechanism of action of the anticancer drug paclitaxel. <i>European Journal of Pharmacology</i> , 2021 , 891, 173780	5.3	3
138	Ester derivatives of salinomycin efficiently eliminate breast cancer cells via ER-stress-induced apoptosis. <i>European Journal of Pharmacology</i> , 2021 , 893, 173824	5.3	3
137	Synthesis, anticancer activity and molecular docking studies of N-deacetylthiocolchicine and 4-iodo-N-deacetylthiocolchicine derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2021 , 32, 116014	3.4	0
136	Single and double modified salinomycin analogs target stem-like cells in 2D and 3D breast cancer models. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 141, 111815	7.5	0
135	Novel Double-Modified Colchicine Derivatives Bearing 1,2,3-Triazole: Design, Synthesis, and Biological Activity Evaluation. <i>ACS Omega</i> , 2021 , 6, 26583-26600	3.9	0
134	Synthesis and antiproliferative screening of novel doubly modified colchicines containing urea, thiourea and guanidine moieties. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021 , 47, 128197	2.9	5
133	Evaluation of the anticancer activity of singly and doubly modified analogues of C20-epi-salinomycin. <i>European Journal of Pharmacology</i> , 2021 , 908, 174347	5.3	1
132	Synthesis of thiocolchicine amine derivatives and evaluation of their antiproliferative activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021 , 52, 128382	2.9	

131	Investigations of the Mode of Action of Novel Colchicine Derivatives Targeting β Tubulin Isotypes: A Search for a Selective and Specific β III Tubulin Ligand. <i>Frontiers in Chemistry</i> , 2020 , 8, 108	5	5
130	Synthesis and Antiproliferative Screening Of Novel Analogs of Regioselectively Demethylated Colchicine and Thiocolchicine. <i>Molecules</i> , 2020 , 25,	4.8	6
129	Carbamate derivatives of colchicine show potent activity towards primary acute lymphoblastic leukemia and primary breast cancer cells-in vitro and ex vivo study. <i>Journal of Biochemical and Molecular Toxicology</i> , 2020 , 34, e22487	3.4	7
128	Synthesis, biological evaluation and molecular docking studies of new amides of 4-chlorothiocolchicine as anticancer agents. <i>Bioorganic Chemistry</i> , 2020 , 97, 103664	5.1	9
127	Antibacterial activity of singly and doubly modified salinomycin derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 127062	2.9	3
126	Overcoming Resistance to Platinum-Based Drugs in Ovarian Cancer by Salinomycin and Its Derivatives-An In Vitro Study. <i>Molecules</i> , 2020 , 25,	4.8	11
125	Synthesis, Antiproliferative Activity and Molecular Docking Studies of Novel Doubly Modified Colchicine Amides and Sulfonamides as Anticancer Agents. <i>Molecules</i> , 2020 , 25,	4.8	11
124	Novel Salinomycin Analogs Show Improved Selectivity Towards Breast Cancer Stem Cells. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
123	Salinomycin and its derivatives as potent RET transcriptional inhibitors for the treatment of medullary thyroid carcinoma. <i>International Journal of Oncology</i> , 2020 , 56, 348-358	4.4	2
122	Old wine in new bottles: Drug repurposing in oncology. <i>European Journal of Pharmacology</i> , 2020 , 866, 172784	5.3	32
121	Synthesis and Anticancer Activity of Tertiary Amides of Salinomycin and Their C20-oxo Analogues. <i>ChemMedChem</i> , 2020 , 15, 236-246	3.7	7
120	Synthesis, antiproliferative activity, and molecular docking studies of 4-chlorothiocolchicine analogues. <i>Chemical Biology and Drug Design</i> , 2020 , 95, 182-191	2.9	3
119	Synthesis and Anticancer Activity of Dimeric Polyether Ionophores. <i>Biomolecules</i> , 2020 , 10,	5.9	3
118	Statins: HMG-CoA Reductase Inhibitors as Potential Anticancer Agents against Malignant Neoplasms in Women. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	6
117	New Series of Double-Modified Colchicine Derivatives: Synthesis, Cytotoxic Effect and Molecular Docking. <i>Molecules</i> , 2020 , 25,	4.8	5
116	Role of vitamin D in selected malignant neoplasms. <i>Nutrition</i> , 2020 , 79-80, 110964	4.8	7
115	Salinomycin and its derivatives - A new class of multiple-targeted "magic bullets". <i>European Journal of Medicinal Chemistry</i> , 2019 , 176, 208-227	6.8	26
114	Doxycycline, salinomycin, monensin and ivermectin repositioned as cancer drugs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019 , 29, 1549-1554	2.9	34

113	Anti-trypanosomal activity of doubly modified salinomycin derivatives. <i>European Journal of Medicinal Chemistry</i> , 2019 , 173, 90-98	6.8	8
112	Double Modification of Polyether Ionophores: Synthesis and Biological Activity of Novel Salinomycin Derivatives. <i>Proceedings (mdpi)</i> , 2019 , 22, 20	0.3	
111	Antiproliferative activity of ester derivatives of monensin A at the C-1 and C-26 positions. <i>Chemical Biology and Drug Design</i> , 2019 , 94, 1859-1864	2.9	3
110	Synthesis, biological evaluation and molecular docking studies of new amides of 4-bromothicolchicine as anticancer agents. <i>Bioorganic and Medicinal Chemistry</i> , 2019 , 27, 115144	3.4	7
109	The response of phyllodes tumor of the breast to anticancer therapy: An and study. <i>Oncology Letters</i> , 2019 , 18, 5097-5106	2.6	5
108	Anti-parasitic activity of polyether ionophores. <i>European Journal of Medicinal Chemistry</i> , 2019 , 166, 32-47.8	25	
107	Salinomycin derivatives exhibit activity against primary acute lymphoblastic leukemia (ALL) cells in vitro. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 99, 384-390	7.5	18
106	One-pot synthesis and antiproliferative activity of novel double-modified derivatives of the polyether ionophore monensin A. <i>Chemical Biology and Drug Design</i> , 2018 , 92, 1537-1546	2.9	2
105	Biological activity of doubly modified salinomycin analogs - Evaluation in vitro and ex vivo. <i>European Journal of Medicinal Chemistry</i> , 2018 , 156, 510-523	6.8	25
104	Cytotoxic and trypanocidal activities of cinchona alkaloid derivatives. <i>Chemical Biology and Drug Design</i> , 2018 , 92, 1778-1787	2.9	6
103	Ovarian cancer stem cells: A target for oncological therapy. <i>Advances in Clinical and Experimental Medicine</i> , 2018 , 27, 1017-1020	1.8	12
102	Activity of Single and Double-modified Salinomycin Analogs against Primary Acute Lymphoblastic Cells In Vitro. <i>FASEB Journal</i> , 2018 , 32, 836.15	0.9	
101	Antiproliferative Activity and Molecular Docking of Novel Double-Modified Colchicine Derivatives. <i>Cells</i> , 2018 , 7,	7.9	17
100	Synthesis and Biological Evaluation of Novel Triple-Modified Colchicine Derivatives as Potent Tubulin-Targeting Anticancer Agents. <i>Cells</i> , 2018 , 7,	7.9	17
99	Synthesis, antiproliferative activity and molecular docking of thicolchicine urethanes. <i>Bioorganic Chemistry</i> , 2018 , 81, 553-566	5.1	16
98	Bivalent polyether ionophores: Synthesis and biological evaluation of C 2 -symmetric salinomycin dimers. <i>Tetrahedron Letters</i> , 2017 , 58, 2396-2399	2	9
97	Angiogenesis and cancer stem cells: New perspectives on therapy of ovarian cancer. <i>European Journal of Medicinal Chemistry</i> , 2017 , 142, 87-94	6.8	47
96	Trypanosoma brucei: trypanocidal and cell swelling activities of lasalocid acid. <i>Parasitology Research</i> , 2017 , 116, 3229-3233	2.4	5

95	Spectroscopic and structural studies of a new para-iodo-N-benzyl amide of salinomycin. <i>Journal of Molecular Structure</i> , 2017 , 1147, 197-205	3.4	2
94	Spectroscopic and structural studies of the first complex formed between salinomycin and organic amine. <i>Journal of Molecular Structure</i> , 2017 , 1130, 719-726	3.4	5
93	Differences in Antiproliferative Activity Between Salinomycin-AZT Conjugates Obtained via 'Click' and Esterification Reactions. <i>Medicinal Chemistry</i> , 2017 , 13, 127-136	1.8	5
92	Bioconjugation of Ionophore Antibiotics: A Way to Obtain Hybrids with Potent Biological Activity. <i>Mini-Reviews in Organic Chemistry</i> , 2017 , 14,	1.7	1
91	Synthesis, antiproliferative activity and molecular docking of Colchicine derivatives. <i>Bioorganic Chemistry</i> , 2016 , 64, 103-12	5.1	14
90	Salinomycin: a breakthrough in the treatment of ovarian cancer?. <i>Current Gynecologic Oncology</i> , 2016 , 14, 156-161	2	7
89	In vitro activity of salinomycin and monensin derivatives against <i>Trypanosoma brucei</i> . <i>Parasites and Vectors</i> , 2016 , 9, 409	4	10
88	Synthesis and antiproliferative activity of new bioconjugates of Salinomycin with amino acid esters. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 3511-4	2.9	17
87	Tertiary amides of Salinomycin: A new group of antibacterial agents against <i>Bacillus anthracis</i> and methicillin-resistant <i>Staphylococcus epidermidis</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 2082-8	2.9	12
86	Anti-proliferative activity of Monensin and its tertiary amide derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 4539-43	2.9	12
85	Spectroscopic studies of the equilibrium between complexes of lasalocid acid with propargylamine and metal cations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 150, 704-714	4.4	2
84	Synthesis, antiproliferative and antibacterial evaluation of C-ring modified colchicine analogues. <i>European Journal of Medicinal Chemistry</i> , 2015 , 90, 296-301	6.8	26
83	Structure and Biological Activity of Polyether Ionophores and Their Semisynthetic Derivatives 2015 , 107-170		8
82	Synthesis and Antiproliferative Activity of Silybin Conjugates with Salinomycin and Monensin. <i>Chemical Biology and Drug Design</i> , 2015 , 86, 1378-86	2.9	19
81	Antiproliferative Activity of Polyether Antibiotic-Cinchona Alkaloid Conjugates Obtained via Click Chemistry. <i>Chemical Biology and Drug Design</i> , 2015 , 86, 911-7	2.9	23
80	Electrogenic and nonelectrogenic ion fluxes across lipid and mitochondrial membranes mediated by monensin and monensin ethyl ester. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015 , 1848, 995-1004	3.8	21
79	Synthesis and biological activity of salinomycin conjugates with floxuridine. <i>European Journal of Medicinal Chemistry</i> , 2015 , 93, 33-41	6.8	35
78	Anticancer Activity of Polyether Ionophore-Salinomycin. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2015 , 15, 575-91	2.2	47

77	Activity of Natural Polyether Ionophores: Monensin and Salinomycin against Clinical Staphylococcus epidermidis Strains. <i>Polish Journal of Microbiology</i> , 2015 , 64, 273-278	1.8	7
76	Synthesis, antiproliferative and antibacterial activity of new amides of salinomycin. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 1724-9	2.9	48
75	Spectroscopic, crystallographic and theoretical studies of lasalocid complex with ammonia and benzylamine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 125, 297-307	4.4	4
74	Synthesis, anticancer and antibacterial activity of salinomycin N-benzyl amides. <i>Molecules</i> , 2014 , 19, 1943-1959	4.5	36
73	Synthesis, cytotoxicity and antibacterial activity of new esters of polyether antibiotic - salinomycin. <i>European Journal of Medicinal Chemistry</i> , 2014 , 76, 435-44	6.8	67
72	One-pot synthesis and cytotoxicity studies of new Mannich base derivatives of polyether antibiotic-lasalocid acid. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 5053-6	2.9	20
71	Synthesis, FT-IR, ¹ H, ¹³ C NMR, ESI MS and PM5 studies of a new Mannich base of polyether antibiotic - Lasalocid acid and its complexes with Li ⁺ , Na ⁺ and K ⁺ cations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013 , 104, 497-504	4.4	5
70	Spectroscopic, semiempirical studies and antibacterial activity of new urethane derivatives of natural polyether antibiotic [Monensin A. <i>Journal of Molecular Structure</i> , 2013 , 1034, 198-206	3.4	6
69	Extremely different structures and vibrational spectra of tetramethylpyrazine nitrate dihydrate in solid and solutions. <i>Journal of Molecular Structure</i> , 2013 , 1037, 264-270	3.4	6
68	FT-IR, ¹ H, ¹³ C NMR, ESI-MS and semiempirical investigation of the structures of Monensin phenyl urethane complexes with the sodium cation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013 , 110, 285-90	4.4	1
67	X-ray crystallographic, FT-IR and NMR studies as well as anticancer and antibacterial activity of the salt formed between ionophore antibiotic Lasalocid acid and amines. <i>Journal of Molecular Structure</i> , 2013 , 1032, 69-77	3.4	11
66	Spectroscopic and structural studies of allyl urethane derivative of Monensin A sodium salt. <i>Journal of Molecular Structure</i> , 2013 , 1043, 75-84	3.4	2
65	Structure and antimicrobial properties of monensin A and its derivatives: summary of the achievements. <i>BioMed Research International</i> , 2013 , 2013, 742149	3	48
64	X-ray, FT-IR, NMR and PM5 structural studies and antibacterial activity of unexpectedly stable salinomycin benzotriazole intermediate ester. <i>Journal of Molecular Structure</i> , 2012 , 1022, 197-203	3.4	26
63	Monensin A acid complexes as a model of electrogenic transport of sodium cation. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012 , 1818, 2108-19	3.8	40
62	Synthesis and antimicrobial activity of amide derivatives of polyether antibiotic-salinomycin. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012 , 22, 4697-702	2.9	45
61	Polyether ionophores-promising bioactive molecules for cancer therapy. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012 , 22, 7002-10	2.9	91
60	Structure of 1:1 complex of 1-naphthylmethyl ester of monensin A with sodium perchlorate studied by X-ray, FT-IR and ab initio methods. <i>Journal of Molecular Structure</i> , 2012 , 1030, 131-137	3.4	6

59	Antiproliferative activity of salinomycin and its derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012 , 22, 7146-50	2.9	53
58	Salinomycin: a new cancer drug candidate. <i>Chemical Biology and Drug Design</i> , 2012 , 79, 235-8	2.9	74
57	X-ray crystallographic, FT-IR, and density functional theory studies of the salt formed between dipicrylamine and 1,5,7-triazabicyclo[4.4.0]dec-1-ene. <i>Journal of Physical Chemistry A</i> , 2011 , 115, 8540-9	2.8	2
56	Reinvestigation of the structure of monensin A phenylurethane sodium salt based on X-ray crystallographic and spectroscopic studies, and its activity against hospital strains of methicillin-resistant <i>S. epidermidis</i> and <i>S. aureus</i> . <i>Journal of Antibiotics</i> , 2011 , 64, 249-56	3.7	23
55	X-ray and FT-IR studies of structures of cyclic oxaalkyl diamide of o-phthalic acid and its complex with lead(II) perchlorate. <i>Polyhedron</i> , 2011 , 30, 2870-2877	2.7	4
54	Complexes of lasalocid 2-naphthylmethyl ester with monovalent metal cations studied by mass spectrometry, spectroscopic and semiempirical methods. <i>Structural Chemistry</i> , 2011 , 22, 627-634	1.8	11
53	Crystal structure and FT-IR study of aqualithium 1-naphthylmethyl ester of monensin A perchlorate. <i>Journal of Molecular Structure</i> , 2011 , 985, 70-74	3.4	10
52	Structural, spectroscopic and semiempirical characterisation of the calcium cation complexes with 14-membered macrocyclic ligand of cyclic oxaalkyl diamide of o-phthalic acid. <i>Inorganica Chimica Acta</i> , 2011 , 370, 353-362	2.7	3
51	¹ H, ¹³ C NMR, FT-IR, ESI MS and PM5 studies of a new 3,6,9-trioxadecylamide of monensin A and its complexes with Li ⁺ , Na ⁺ and K ⁺ cations. <i>Journal of Molecular Structure</i> , 2011 , 990, 121-131	3.4	9
50	Structural investigation of a new complex of N-allylamide of Monensin A with strontium perchlorate using X-ray, FT-IR, ESI MS and semiempirical methods. <i>Journal of Molecular Structure</i> , 2011 , 995, 20-28	3.4	8
49	Crystals of the Kempf triacid salts [Part VI: Supramolecular architecture in the crystal of Kempf triacid with tris(2-aminoethyl)amine. <i>Journal of Molecular Structure</i> , 2011 , 996, 48-52	3.4	4
48	X-ray, spectroscopic and semiempirical investigation of the structure of lasalocid 6-bromohexyl ester and its complexes with alkali metal cations. <i>Journal of Molecular Structure</i> , 2011 , 998, 206-215	3.4	4
47	Spectroscopic, semi-empirical and antimicrobial studies of a new amide of monensin A with 4-aminobenzo-15-crown-5 and its complexes with Na ⁺ cation at 1:1 and 1:2 ratios. <i>Tetrahedron</i> , 2011 , 67, 1468-1478	2.4	14
46	Crystals of the Kempf triacid salts. Part V: Structure of hydrogen-bonded complex of Kempf triacid with 7-methyl-1,5,7-triazabicyclo[4.4.0]dec-5-ene studied by X-ray and FT-IR methods. <i>Journal of Molecular Structure</i> , 2010 , 982, 57-61	3.4	6
45	Molecular structure and spectroscopic study of N,N-dimethylisoindoline-2-carboxamide [A new unsymmetrical urea obtained in one-pot synthesis. <i>Journal of Molecular Structure</i> , 2010 , 967, 65-71	3.4	2
44	Molecular structure of the 2:2 complex of cyclic oxaalkyl diamide of o-phthalic acid with sodium perchlorate. <i>Journal of Molecular Structure</i> , 2010 , 967, 166-173	3.4	2
43	X-ray, spectroscopic and antibacterial activity studies of the 1:1 complex of lasalocid acid with 1,1,3,3-tetramethylguanidine. <i>Journal of Molecular Structure</i> , 2010 , 977, 51-55	3.4	10
42	X-ray, spectroscopic and computational studies of the tautomeric structure of a new hydrazone of 5-nitrosalicylaldehyde with indole-3-acetic hydrazide. <i>Journal of Molecular Structure</i> , 2010 , 970, 147-154	3.4	27

41	Structural characterization and antibacterial activity against clinical isolates of <i>Staphylococcus</i> of N-phenylamide of monensin A and its 1:1 complexes with monovalent cations. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 4050-7	6.8	19
40	Biological Properties of Schiff Bases and Azo Derivatives of Phenols. <i>Current Organic Chemistry</i> , 2009 , 13, 124-148	1.7	259
39	Structure of 1-naphthylmethyl ester of monensin A complexes with monovalent metal cations. <i>Journal of Molecular Structure</i> , 2009 , 920, 414-423	3.4	6
38	Lasalocid acid as a lipophilic carrier ionophore for allylamine: Spectroscopic, crystallographic and microbiological investigation. <i>Journal of Molecular Structure</i> , 2009 , 936, 92-98	3.4	12
37	Synthesis, crystal structures and antibacterial activity studies of aza-derivatives of phytoalexin from cotton plant--gossypol. <i>European Journal of Medicinal Chemistry</i> , 2009 , 44, 4393-403	6.8	25
36	Structural and spectroscopic studies of a new 2-naphthylmethyl ester of lasalocid acid. <i>Journal of Molecular Structure</i> , 2009 , 918, 108-115	3.4	8
35	Structural and antimicrobial studies of a new N-phenylamide of monensin A complex with sodium chloride. <i>Journal of Molecular Structure</i> , 2009 , 923, 53-59	3.4	18
34	Syntheses, structural and antimicrobial studies of a new N-allylamide of monensin A and its complexes with monovalent metal cations. <i>Tetrahedron</i> , 2009 , 65, 7730-7740	2.4	18
33	Crystals of the Kempf triacid salts. Part IV: Supramolecular architecture in the crystal of tetra(melaminium) bis(5-carboxy-1,3,5-trimethylcyclo-hexane-1,3-dicarboxylate) pentahydrate. <i>Journal of Molecular Structure</i> , 2009 , 922, 77-82	3.4	6
32	Cyclic oxaalkyl diamide of o-phthalic acid as a new macrocyclic ligand for complexation of Li ⁺ cation. <i>Journal of Molecular Structure</i> , 2009 , 930, 26-31	3.4	3
31	Structural and spectroscopic studies of the 1:1 complex of lasalocid acid with 1,5,7-triazabicyclo[4.4.0]dec-5-ene. <i>Journal of Molecular Structure</i> , 2008 , 875, 501-508	3.4	18
30	Cocrystals of Kempf triacid. Part III: Structure of hydrogen-bonded complex of Kempf triacid with 1,1,3,3-tetramethylguanidine studied by X-ray and FT-IR methods. <i>Journal of Molecular Structure</i> , 2008 , 892, 414-419	3.4	10
29	The synthesis and structural studies of a new Kempf triacid oxaalkyl ester and its complexes with Li ⁺ , Na ⁺ and K ⁺ cations. <i>Journal of Molecular Structure</i> , 2008 , 892, 470-476	3.4	
28	Synthesis of new semi-synthetic dipodands and tripodands from naturally occurring polyether ionophores. <i>Tetrahedron Letters</i> , 2008 , 49, 5572-5575	2	15
27	EI MS and ESI MS studies of the bissequiterpene from cotton seeds: Gossypol and its Aza-derivatives. <i>Journal of Mass Spectrometry</i> , 2008 , 43, 680-6	2.2	4
26	Spectroscopic, mass spectrometry and semiempirical investigation of a new 2-methoxyethyl ester of monensin A and its complexes with Li ⁺ , Na ⁺ and K ⁺ cations. <i>Journal of Molecular Structure</i> , 2008 , 874, 89-100	3.4	12
25	Molecular structure of 1,3-bis(carboxymethyl)imidazolium bromide and its betaine form in crystal. <i>Journal of Molecular Structure</i> , 2008 , 876, 170-176	3.4	15
24	Structures of complexes of benzyl and allyl esters of monensin A with Mg ²⁺ , Ca ²⁺ , Sr ²⁺ , Ba ²⁺ cations studied by ESI-MS and PM5 methods. <i>Journal of Molecular Structure</i> , 2008 , 886, 9-16	3.4	14

23	Synthesis and antimicrobial properties of monensin A esters. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008 , 18, 2585-9	2.9	44
22	Structural and spectroscopic studies of new o-, m- and p-nitrobenzyl esters of lasalocid acid. <i>Journal of Molecular Structure</i> , 2008 , 877, 105-114	3.4	8
21	Spectroscopic, mass spectrometry, and semiempirical investigations of a new 2-(2-methoxyethoxy)ethyl ester of Monensin A and its complexes with monovalent cations. <i>Journal of Molecular Structure</i> , 2008 , 879, 14-24	3.4	13
20	Cocrystals of Kempf triacid. Part I: Molecular structure of 2:2 complex of 1,5,7-triazabicyclo[4.4.0]dec-5-ene with Kempf triacid. <i>Journal of Molecular Structure</i> , 2008 , 888, 84-91	3.4	14
19	Molecular structure of rubidium six-coordinated dihydrate complex with monensin A. <i>Journal of Molecular Structure</i> , 2008 , 888, 224-229	3.4	25
18	Cocrystals of Kempf triacid. Part II. Molecular structure of the complex of Kempf triacid with 1,8-diazabicyclo[5.4.0]undec-7-ene. <i>Journal of Molecular Structure</i> , 2008 , 889, 64-71	3.4	8
17	Structure of complexes of lasalocid m-nitrobenzyl ester with monovalent metal cations. <i>Journal of Molecular Structure</i> , 2008 , 889, 72-80	3.4	4
16	Spectroscopic studies, crystal structures and antimicrobial activities of a new lasalocid 1-naphthylmethyl ester. <i>Journal of Molecular Structure</i> , 2008 , 891, 481-490	3.4	10
15	Studies of the complexes of the 4-cyanophenyl[bis(ethylsulfonyl)]methane and 4-cyanophenyl[bis(benzylsulfonyl)]methane C-acids and TBD and MTBD N-bases. <i>Journal of Molecular Structure</i> , 2008 , 892, 188-194	3.4	5
14	NMR, FTIR, ESI-MS and semiempirical study of a new 2-(2-hydroxyethoxy)ethyl ester of monensin A and its complexes with alkali metal cations. <i>Tetrahedron</i> , 2007 , 63, 8831-8839	2.4	18
13	The structures of monensin A derivatives and its complexes with some monovalent cations studied by the AM1d, PM3 as well as PM5 semiempirical methods. <i>Journal of Molecular Structure</i> , 2007 , 826, 156-164	3.4	38
12	Molecular structure of the 1:1 inclusion complex of monensin A lithium salt with acetonitrile. <i>Journal of Molecular Structure</i> , 2007 , 871, 92-97	3.4	30
11	Spectroscopic studies of the 1:1 complexes of 4-nitrophenyl[bis(ethylsulfonyl)]methane and phenyl[bis(ethylsulfonyl)]methane with 7-methyl-1,5,7-triazabicyclo[4.4.0]dec-5-ene and 1,5,7-triazabicyclo[4.4.0]dec-5-ene. <i>Journal of Molecular Structure</i> , 2007 , 841, 133-136	3.4	17
10	Spectroscopic, mass spectrometry and semiempirical investigation of a new Monensin A allyl ester and its complexes with Li ⁺ , Na ⁺ and K ⁺ cations. <i>Journal of Molecular Structure</i> , 2007 , 828, 130-141	3.4	14
9	Investigation of complex structures of a new 2-hydroxyethyl ester of Monensin A with Mg ²⁺ , Ca ²⁺ , Sr ²⁺ , Ba ²⁺ cations using electrospray ionization mass spectrometry and semiempirical PM5 methods. <i>Journal of Molecular Structure</i> , 2007 , 829, 111-119	3.4	20
8	Molecular structure of the 1:1 inclusion complex of monensin A sodium salt with acetonitrile. <i>Journal of Molecular Structure</i> , 2007 , 832, 84-89	3.4	34
7	Spectroscopic, semiempirical and X-ray structural study of the 2:1 complex of a cyclic diamide of o-phthalic acid with water molecule. <i>Journal of Molecular Structure</i> , 2007 , 840, 22-28	3.4	5
6	Spectroscopic, mass spectrometry, and semiempirical investigation of a new ester of Monensin A with ethylene glycol and its complexes with monovalent metal cations. <i>Biopolymers</i> , 2006 , 82, 491-503	2.2	25

5	1H- and 13C-NMR, FTIR, UV-VIS, ESI-MS, and PM5 studies as well as emission properties of a new Schiff base of gossypol with 5-methoxytryptamine and a new hydrazone of gossypol with dansylhydrazine. <i>Biopolymers</i> , 2006 , 82, 521-35	2.2	23
4	Monensin A methyl ester complexes with Li+, Na+, and K+ cations studied by ESI-MS, 1H- and 13C-NMR, FTIR, as well as PM5 semiempirical method. <i>Biopolymers</i> , 2006 , 81, 282-94	2.2	32
3	Spectroscopic and semiempirical studies of a proton channel formed by the methyl ester of monensin A. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 15615-23	3.4	21
2	Complexes of monensin A methyl ester with Mg2+, Ca2+, Sr2+, Ba2+ cations studied by electrospray ionization mass spectrometry and PM5 semiempirical method. <i>Journal of Molecular Structure</i> , 2006 , 788, 176-183	3.4	28
1	Monensin A benzyl ester and its complexes with monovalent metal cations studied by spectroscopic, mass spectrometry and semiempirical methods. <i>Journal of Molecular Structure</i> , 2006 , 797, 99-110	3.4	19