

# Ivayla N Pantcheva

## List of Publications by Year in descending order

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36  
papers

436  
citations

840585

11  
h-index

713332

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docs citations

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times ranked

439  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, structure and antimicrobial activity of manganese(II) and cobalt(II) complexes of the polyether ionophore antibiotic Sodium Monensin A. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 26-32.	1.5	81
2	Lowering of cholesterol bioaccessibility and serum concentrations by saponins: in vitro and in vivo studies. <i>Food and Function</i> , 2015, 6, 501-512.	2.1	54
3	Arylplatinum Complexes with Arylboronate Ligands. Their Preparation, Structure, and Relevance to Transmetalation. <i>Organometallics</i> , 2005, 24, 3815-3817.	1.1	33
4	Synthesis and Reactivity of a Platinum(II) Complex with a Chelating Dehydro(arylboronic anhydride) Ligand. Transmetalation of Arylboronic Acid. <i>Organometallics</i> , 2006, 25, 1735-1741.	1.1	29
5	Crystal structure and properties of the copper(II) complex of sodium monensin A. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 1419-1424.	1.5	24
6	First solid state alkaline-earth complexes of monensic acid A (MonH): crystal structure of [M(Mon) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> ] (M=Ca, Sr, Ba), spectral properties and cytotoxicity against aerobic Gram-positive bacteria. <i>BioMetals</i> , 2010, 23, 59-70.	1.8	24
7	A case of 5F-ADB / FUB-AMB abuse: Drug-induced or drug-related death?. <i>Forensic Science International</i> , 2019, 297, 372-377.	1.3	23
8	First Divalent Metal Complexes of the Polyether Ionophore Monensin A: X-Ray Structures of [Co(Mon) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> ] and [Mn(Mon) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> ] and their Bactericidal Properties. <i>Current Drug Discovery Technologies</i> , 2008, 5, 154-161.	0.6	22
9	Complexation of the antihypertensive drug oxprenolol with copper(II). <i>Journal of Inorganic Biochemistry</i> , 2001, 83, 25-30.	1.5	20
10	Nickel(II) and zinc(II) dimonensinates: Single crystal X-ray structure, spectral properties and bactericidal activity. <i>Inorganica Chimica Acta</i> , 2010, 363, 1879-1886.	1.2	18
11	Cd(II) and Pb(II) complexes of the polyether ionophorous antibiotic salinomycin. <i>Chemistry Central Journal</i> , 2011, 5, 52.	2.6	14
12	Copper(II) complexes of the beta-blocker pindolol: properties, structure, biological activity. <i>BioMetals</i> , 2002, 15, 79-85.	1.8	11
13	Copper(II) complexes of blood pressure active drugs. <i>Transition Metal Chemistry</i> , 2002, 27, 1-21.	0.7	11
14	Crystal structures and spectral properties of new Cd(II) and Hg(II) complexes of monensic acid with different coordination modes of the ligand. <i>Open Chemistry</i> , 2010, 8, 852-860.	1.0	11
15	Isolation and Characterization of Drugs of Abuse in Oral Fluid by a Novel Preconcentration Protocol. <i>Analytical Letters</i> , 2016, 49, 2822-2832.	1.0	8
16	Hemolytic activity and platelet aggregation inhibitory effect of vipoxin™s basic sPLA2 subunit. <i>Interdisciplinary Toxicology</i> , 2013, 6, 136-140.	1.0	7
17	Effect of Some Divalent Metal Ions on Enzymatic Activity of Secreted Phospholipase A2 (sPLA2) Isolated from Bulgarian <i>Vipera ammodytes meridionalis</i> . <i>Biotechnology and Biotechnological Equipment</i> , 2013, 27, 4181-4185.	0.5	7
18	In Vitro Activity of Biometal(II) Complexes of Monensin Against Virus-Induced Transplantable Animal Tumors. <i>Biotechnology and Biotechnological Equipment</i> , 2013, 27, 3703-3708.	0.5	6

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19	Cytostatic and cytotoxic properties of monensic acid and its biometal(II) complexes against human tumor / non-tumor cell lines. <i>Open Chemistry</i> , 2012, 10, 1464-1474.	1.0	4
20	Cytotoxicity of Monensic Acid and its Biometal(II) Complexes Against Anaerobic Bacterial Strain <i>Clostridium Perfringens</i> Spp.. <i>Biotechnology and Biotechnological Equipment</i> , 2013, 27, 4308-4310.	0.5	3
21	Self-administrated propofol – case report of a physician suicide. <i>Toxicologie Analytique Et Clinique</i> , 2018, 30, 142-148.	0.1	3
22	New insights into coordination chemistry of Monensin A towards divalent metal ions. <i>Inorganica Chimica Acta</i> , 2020, 505, 119481.	1.2	3
23	A DFT/PCM Study on the Affinity of Salinomycin to Bind Monovalent Metal Cations. <i>Molecules</i> , 2022, 27, 532.	1.7	3
24	Pd(II) complexes of acetylcholinesterase reactivator obidoxime. <i>Interdisciplinary Toxicology</i> , 2014, 7, 139-145.	1.0	2
25	Circular Dichroism is Sensitive to Monovalent Cation Binding in Monensin Complexes. <i>Chirality</i> , 2016, 28, 420-428.	1.3	2
26	Factors governing the competition between group IA and IB cations for monensin A: a DFT/PCM study. <i>RSC Advances</i> , 2020, 10, 5734-5741.	1.7	2
27	Synthetic Cannabinoids 5F-QUPIC and MDMB-CHMICA in Plant Material – Identification and Quantification by Gas Chromatography – Mass Spectrometry (GC-MS), Nuclear Magnetic Resonance (NMR), and High-Performance Liquid Chromatography with Diode Array Detection (HPLC-DAD). <i>Analytical Letters</i> , 2021, 54, 2600-2610.	1.0	2
28	Mononuclear copper(II) complexes of the macrolide antibiotics tylosin and tilmicosin. <i>Transition Metal Chemistry</i> , 2022, 47, 67-76.	0.7	2
29	Dinuclear vs. Mononuclear Copper(II) Coordination Species of Tylosin and Tilmicosin in Non-Aqueous Solutions. <i>Molecules</i> , 2022, 27, 3899.	1.7	2
30	Copper(II) complexes of the antihypertensive drug nadolol. <i>Open Chemistry</i> , 2007, 5, 118-131.	1.0	1
31	Determination of some biochemical parameters in oral fluid and evaluation of their stability under different storage conditions. <i>Toxicologie Analytique Et Clinique</i> , 2015, 27, 195-202.	0.1	1
32	Spectral properties and biological activity of La(III) and Nd(III) Monensinates. <i>Open Chemistry</i> , 2019, 17, 1423-1434.	1.0	1
33	Study on <i>in vitro</i> Toxicity of Biometal(II) Monensinates Against Rat Zajdela Liver Tumour. <i>Chemistry, Didactics, Ecology, Metrology</i> , 2020, 25, 125-132.	0.1	1
34	Alkaline-earth metal(II) complexes of salinomycin – spectral properties and antibacterial activity. <i>ChemistrySelect</i> , 2022, .	0.7	1
35	New coordination mode of Lasalocid in its dinuclear lithium(I) complex. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 957-965.	1.2	0
36	Oxime-containing acetylcholinesterase reactivators and their complexes with Pd(II) and Pt(II) ions: recent developments. <i>Turkish Journal of Chemistry</i> , 2018, 42, .	0.5	0