

Goran V JanjiÄ

List of Publications by Year in descending order

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430874

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docs citations

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times ranked

1356
citing authors

#	ARTICLE	IF	CITATIONS
1	Dinuclear platinum(II) complexes as the pattern for phosphate backbone binding: a new perspective for recognition of binding modes to DNA. <i>Journal of Biological Inorganic Chemistry</i> , 2022, 27, 65-79.	2.6	1
2	On the supramolecular outcomes of fluorination of cyclohexane-5-spirohydantoin derivatives. <i>CrystEngComm</i> , 2021, 23, 2606-2622.	2.6	11
3	Na, K-ATPase as a Biological Target for Gold(III) Complexes: A Theoretical and Experimental Approach. <i>Current Medicinal Chemistry</i> , 2021, 28, 4742-4798.	2.4	2
4	Cytotoxic activity and influence on acetylcholinesterase of series dinuclear platinum(II) complexes with aromatic nitrogen-containing heterocyclic bridging ligands: Insights in the mechanisms of action. <i>Chemico-Biological Interactions</i> , 2021, 351, 109708.	4.0	1
5	Supramolecular Perspective of Coordination Effects on Fluorine Interactions. <i>Crystal Growth and Design</i> , 2021, 21, 6129-6142.	3.0	2
6	Recovery of Vanadium (V) Oxyanions by a Magnetic Macroporous Copolymer Nanocomposite Sorbent. <i>Metals</i> , 2021, 11, 1777.	2.3	8
7	Fabrication and characterization of luminescent Pr ³⁺ doped fluorapatite nanocrystals as bioimaging contrast agents. <i>Journal of Luminescence</i> , 2020, 217, 116757.	3.1	21
8	Supramolecular insight into the substitution of sulfur by selenium, based on crystal structures, quantum-chemical calculations and biosystem recognition. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2020, 76, 122-136.	1.1	6
9	Self-Assembly and Biorecognition of a Spirohydantoin Derived from Î±-Tetralone: Interplay between Chirality and Intermolecular Interactions. <i>ChemPlusChem</i> , 2020, 85, 1220-1232.	2.8	3
10	A new acetylcholinesterase allosteric site responsible for binding voluminous negatively charged molecules – the role in the mechanism of AChE inhibition. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 151, 105376.	4.0	20
11	New minor groove covering DNA binding mode of dinuclear Pt(II) complexes with various pyridine-linked bridging ligands and dual anticancer-antiangiogenic activities. <i>Journal of Biological Inorganic Chemistry</i> , 2020, 25, 395-409.	2.6	19
12	New Theoretical Insight into Fluorination and Fluorine-Fluorine Interactions as a Driving Force in Crystal Structures. <i>Crystal Growth and Design</i> , 2020, 20, 2943-2951.	3.0	26
13	Influence of C-H/X (X = S, Cl, N, Pt/Pd) Interactions on the Molecular and Crystal Structures of Pt(II) and Pd(II) Complexes with Thiomorpholine-4-carbonitrile: Crystallographic, Thermal, and DFT Study. <i>Crystal Growth and Design</i> , 2020, 20, 3018-3033.	3.0	3
14	Silver-based monomer and coordination polymer with organic thiocyanate ligand: Structural, computational and antiproliferative activity study. <i>Polyhedron</i> , 2019, 173, 114132.	2.2	4
15	Theoretical modeling of sorption of metal ions on amino-functionalized macroporous copolymer in aqueous solution. <i>Journal of Molecular Modeling</i> , 2019, 25, 177.	1.8	3
16	Substituent Effects on the Patterns of Intermolecular Interactions of 3-Alkyl and 3-Cycloalkyl Derivatives of Phenytoin: A Crystallographic and Quantum-Chemical Study. <i>Crystal Growth and Design</i> , 2019, 19, 2163-2174.	3.0	2
17	Design of amino-functionalized chelated macroporous copolymer [poly(GMA-EDGMA)] for the sorption of Cu (II) ions. <i>Journal of the Serbian Chemical Society</i> , 2019, 84, 1391-1404.	0.8	5
18	Influence of hydrogen bonds on edge-to-face interactions between pyridine molecules. <i>Journal of Molecular Modeling</i> , 2018, 24, 60.	1.8	6

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19	Positive and negative nano-electrospray mass spectrometry of ruthenated serum albumin supported by docking studies: an integrated approach towards defining metallodrug binding sites on proteins. <i>Metallomics</i> , 2018, 10, 587-594.	2.4	13
20	Synthesis, cytotoxic activity and DNA interaction studies of new dinuclear platinum(II) complexes with an aromatic 1,5-naphthyridine bridging ligand: DNA binding mode of polynuclear platinum(II) complexes in relation to the complex structure. <i>Dalton Transactions</i> , 2018, 47, 15091-15102.	3.3	19
21	Interaction of Au(III) and Pt(II) complexes with Na/K-ATPase: experimental and theoretical study of reaction stoichiometry and binding sites. <i>Metallomics</i> , 2018, 10, 1003-1015.	2.4	2
22	Mononuclear silver(I) complexes with 1,7-phenanthroline as potent inhibitors of <i>Candida</i> growth. <i>European Journal of Medicinal Chemistry</i> , 2018, 156, 760-773.	5.5	36
23	Na/K-ATPase as a target for anticancer metal based drugs: insights into molecular interactions with selected gold(III) complexes. <i>Metallomics</i> , 2017, 9, 292-300.	2.4	13
24	Prediction of strong O-H/M hydrogen bonding between water and square-planar Ir and Rh complexes. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 8657-8660.	2.8	8
25	The influence of oxo-bridged binuclear gold(III) complexes on Na/K-ATPase activity: a joint experimental and theoretical approach. <i>Journal of Biological Inorganic Chemistry</i> , 2017, 22, 819-832.	2.6	7
26	Noncovalent bonding: Stacking interactions of chelate rings of transition metal complexes. <i>Coordination Chemistry Reviews</i> , 2017, 345, 318-341.	18.8	81
27	Mononuclear gold(III) complexes with phenanthroline ligands as efficient inhibitors of angiogenesis: A comparative study with auranofin and sunitinib. <i>Journal of Inorganic Biochemistry</i> , 2017, 174, 156-168.	3.5	22
28	Very Strong Parallel Interactions Between Two Saturated Acyclic Groups Closed with Intramolecular Hydrogen Bonds Forming Hydrogen-Bridged Rings. <i>Crystals</i> , 2016, 6, 34.	2.2	5
29	Coordinating Benzenes Stack Stronger than Noncoordinating Benzenes, even at Large Horizontal Displacements. <i>Crystal Growth and Design</i> , 2016, 16, 4169-4172.	3.0	22
30	The stacking interactions of bipyridine complexes: the influence of the metal ion type on the strength of interactions. <i>Journal of Molecular Modeling</i> , 2016, 22, 30.	1.8	7
31	Preferred Geometries and Energies of Sulfur-Sulfur Interactions in Crystal Structures. <i>Crystal Growth and Design</i> , 2016, 16, 632-639.	3.0	54
32	<i>Gentiana lutea</i> Extracts and their Constituents as Inhibitors of Synaptosomal Ecto-NTPDase. <i>International Journal of Pharmacology</i> , 2016, 12, 272-289.	0.3	5
33	Nature of the water/aromatic parallel alignment interactions. <i>Journal of Computational Chemistry</i> , 2015, 36, 171-180.	3.3	9
34	π-Hole Interactions of Covalently-Bonded Nitrogen, Phosphorus and Arsenic: A Survey of Crystal Structures. <i>Crystals</i> , 2014, 4, 12-31.	2.2	149
35	Parallel Water/Aromatic Interactions of Non-Coordinated and Coordinated Water. <i>ChemPhysChem</i> , 2014, 15, 2386-2396.	2.1	5
36	What are preferred water-aromatic interactions in proteins and crystal structures of small molecules?. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 23549-23553.	2.8	16

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37	Stacking Interactions between Square-Planar Metal Complexes with 2,2'-Bipyridine Ligands. Analysis of Crystal Structures and Quantum Chemical Calculations. <i>Crystal Growth and Design</i> , 2014, 14, 3880-3889.	3.0	27
38	Crystallographic and ab initio study of pyridine CH \cdots O interactions: linearity of the interactions and influence of pyridine classical hydrogen bonds. <i>CrystEngComm</i> , 2013, 15, 10481.	2.6	30
39	Mutual influence of parallel, CH/O, OH/ π and lone pair/ π interactions in water/benzene/water system. <i>Computational and Theoretical Chemistry</i> , 2013, 1018, 59-65.	2.5	25
40	The influence of water molecule coordination onto the water \cdots aromatic interaction. Strong interactions of water coordinating to a metal ion. <i>CrystEngComm</i> , 2013, 15, 2099.	2.6	15
41	Stacking Interactions of Ni(acac) Chelates with Benzene: Calculated Interaction Energies. <i>ChemPhysChem</i> , 2013, 14, 1797-1800.	2.1	16
42	Influence of supramolecular structures in crystals on parallel stacking interactions between pyridine molecules. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2013, 69, 389-394.	1.1	12
43	The influence of water molecule coordination to a metal ion on water hydrogen bonds. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 10896.	2.8	46
44	CH/ π interactions in metal \cdots porphyrin complexes with pyrrole and chelate rings as hydrogen acceptors. <i>Journal of Inorganic Biochemistry</i> , 2012, 117, 157-163.	3.5	11
45	Crystallographic and <i>ab Initio</i> Study of Pyridine Stacking Interactions. Local Nature of Hydrogen Bond Effect in Stacking Interactions. <i>Crystal Growth and Design</i> , 2012, 12, 1060-1063.	3.0	71
46	Water/Aromatic Parallel Alignment Interactions. Significant Interactions at Large Horizontal Displacements. <i>Crystal Growth and Design</i> , 2011, 11, 2680-2683.	3.0	31
47	Are C \cdots H \cdots O interactions linear? The case of aromatic CH donors. <i>CrystEngComm</i> , 2011, 13, 5005.	2.6	73
48	Geometries of stacking interactions between phenanthroline ligands in crystal structures of square-planar metal complexes. <i>Journal of Molecular Modeling</i> , 2011, 17, 2083-2092.	1.8	17
49	What Are the Preferred Horizontal Displacements in Parallel Aromatic \cdots Aromatic Interactions? Significant Interactions at Large Displacements. <i>ChemPhysChem</i> , 2011, 12, 3511-3514.	2.1	76
50	Classification of stacking interaction geometries of terpyridyl square-planar complexes in crystal structures. <i>CrystEngComm</i> , 2010, , .	2.6	3
51	Intramolecular MLOH/ π and MLNH/ π interactions in crystal structures of metal complexes. <i>Chemical Papers</i> , 2009, 63, .	2.2	6
52	Parallel alignment of water and aryl rings \cdots crystallographic and theoretical evidence for the interaction. <i>Chemical Communications</i> , 2008, , 6546.	4.1	46
53	Unravelling conformational and crystal packing preferences of cyclohexane-5-spirohydantoin derivatives incorporating a halogenated benzoyl group. <i>CrystEngComm</i> , 0, , .	2.6	1