Milan Remko

List of Publications by Year in descending order

37 papers	1,001 citations	471509 17 h-index	434195 31 g-index
37 all docs	37 docs citations	37 times ranked	1323 citing authors

#	Article	IF	Citations
1	The experimental and theoretical landscape of a new antiplatelet drug ticagrelor: Insight into supramolecular architecture directed by C Hâ‹¯F, Ï€â‹¯Ï€ and C Hâ‹¯Ï€ interactions. Journal of Molecular Structure, 2018, 1154, 290-300.	3.6	21
2	A Comparative Study of Molecular Structure, pKa, Lipophilicity, Solubility, Absorption and Polar Surface Area of Some Antiplatelet Drugs. International Journal of Molecular Sciences, 2016, 17, 388.	4.1	26
3	Theoretical Study of Molecular Structure and Physicochemical Properties of Novel Factor Xa Inhibitors and Dual Factor Xa and Factor IIa Inhibitors. Molecules, 2016, 21, 185.	3.8	14
4	Modelling of absorption, distribution and physicochemical properties of AT1 receptor antagonists / Modelovanie absorpcie, distribÃºcie a fyzikÃ¡lnochemickÃ½ch vlastnosti antagonistov AT1 receptorov. Acta Facultatis Pharmaceuticae Universitatis Comenianae, 2015, 62, 20-31.	0.2	1
5	How strong are Ca2+â€“heparin and Zn2+â€“heparin interactions?. Chemical Physics Letters, 2015, 621, 12-17.	2.6	3
6	Captopril and its dimer captopril disulfide: comparative structural and conformational studies. Acta Crystallographica Section C, Structural Chemistry, 2015, 71, 199-203.	0.5	15
7	Acidity and metal (Mg 2+ , Ca 2+ , Zn 2+) affinity of l -Î³-carboxyglutamic acid and its peptide analog. Chemical Physics Letters, 2014, 614, 214-219.	2.6	1
8	A comparative study of the molecular structure, lipophilicity, solubility, acidity, absorption and polar surface area of coumarinic anticoagulants and direct thrombin inhibitors. RSC Advances, 2014, 4, 8072-8084.	3.6	14
9	Effect of metal ions (Li+, Na+, K+, Mg2+ and Ca2+) and water on the conformational changes of glycosidic bonds in heparin oligosaccharides. RSC Advances, 2013, 3, 9843.	3.6	13
10	Structure and stability of complexes of charged structural units of heparin with arginine and lysine. RSC Advances, 2013, 3, 1789-1796.	3.6	7
11	Effect of water coordination on competition between Ï€ and non-Ï€ cation binding sites in aromatic amino acids: l-phenylalanine, l-tyrosine, and l-tryptophan Li+, Na+, and K+ complexes. Journal of Biological Inorganic Chemistry, 2012, 17, 621-630.	2.6	14
12	Molecular structure, pKa, lipophilicity, solubility, absorption, polar surface area, and blood brain barrier penetration of some antiangiogenic agents. Structural Chemistry, 2011, 22, 635-648.	2.0	48
13	Effect of metal Ions (Ni2+, Cu2+ and Zn2+) and water coordination on the structure of L-phenylalanine, L-tyrosine, L-tryptophan and their zwitterionic forms. Journal of Molecular Modeling, 2011, 17, 3117-3128.	1.8	62
14	Effect of metal ions (Li+, Na+, K+, Mg2+, Ca2+, Ni2+, Cu2+ and Zn2+) and water coordination on the structure and properties of l-histidine and zwitterionic l-histidine. Amino Acids, 2010, 39, 1309-1319.	2.7	60
15	Molecular structure of basic oligomeric building units of heparan-sulfate glycosaminoglycans. Structural Chemistry, 2010, 21, 965-976.	2.0	11
16	Molecular structure, pKa, lipophilicity, solubility and absorption of biologically active aromatic and heterocyclic sulfonamides. Computational and Theoretical Chemistry, 2010, 944, 34-42.	1.5	36
17	Theoretical study of molecular structure, pKa, lipophilicity, solubility, absorption, and polar surface area of some hypoglycemic agents. Computational and Theoretical Chemistry, 2009, 897, 73-82.	1.5	69
18	Molecular structure and stability of perindopril erbumine and perindopril l-arginine complexes. European Journal of Medicinal Chemistry, 2009, 44, 101-108.	5.5	10

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19	Preparation of trisodium O-monoalkyl and O-monoaryl diphosphates. Chemical Papers, 2008, 62, .	2.2	0
20	Effect of Metal Ions (Li⁺, Na⁺, K⁺, Mg²⁺,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 712 on the Structure and Properties of <scp>l</scp>-Arginine and Zwitterionic <scp>l</scp>-Arginine. Journal of Physical Chemistry A, 2008, 112, 7652-7661.	2.5	41
21	Conformational Behavior of Basic Monomeric Building Units of Glycosaminoglycans:Â Isolated Systems and Solvent Effect. Journal of Physical Chemistry B, 2007, 111, 2313-2321.	2.6	12
22	Conformational Structure of Some Trimeric and Pentameric Structural Units of Heparin. Journal of Physical Chemistry A, 2007, 111, 13484-13491.	2.5	14
23	Theoretical study of structure and properties of hexuronic acid and d-glucosamine structural units of glycosaminoglycans. Structural Chemistry, 2007, 18, 537-547.	2.0	9
24	Gas-Phase and Solution Conformations of the Î±-L-Iduronic Acid Structural Unit of Heparin. Journal of Chemical Information and Modeling, 2006, 46, 1194-1200.	5.4	23
25	Gas-Phase and Solution Conformations of Selected Dimeric Structural Units of Heparin. Journal of Chemical Information and Modeling, 2006, 46, 1687-1694.	5.4	13
26	Effect of Metal Ions (Li+, Na+, K+, Mg2+, Ca2+, Ni2+, Cu2+, and Zn2+) and Water Coordination on the Structure of Glycine and Zwitterionic Glycine. Journal of Physical Chemistry A, 2006, 110, 1960-1967.	2.5	140
27	Theoretical study of structure, pKa, lipophilicity, solubility, absorption, and polar surface area of some centrally acting antihypertensives. Bioorganic and Medicinal Chemistry, 2006, 14, 1715-1728.	3.0	80
28	Theoretical Study of Gas-Phase Acidities of Selected Angiotensin-Converting Enzyme Inhibitors. Structural Chemistry, 2005, 16, 391-399.	2.0	7
29	Catalyzed Peptide Bond Formation in the Gas Phase. Role of Bivalent Cations and Water in Formation of 2-Aminoacetamide from Ammonia and Glycine and in Dimerization of Glycine. Structural Chemistry, 2004, 15, 223-232.	2.0	30
30	Theoretical Study of Molecular Structure, Reactivity, Lipophilicity, and Solubility of N-Hydroxyurea, N-Hydroxythiourea, and N-Hydroxysilaurea. Structural Chemistry, 2004, 15, 285-294.	2.0	8
31	Theoretical study of gas-phase acidity, pKa, lipophilicity, and solubility of some biologically active sulfonamides. Bioorganic and Medicinal Chemistry, 2004, 12, 5395-5403.	3.0	70
32	Title is missing!. Structural Chemistry, 2003, 14, 271-278.	2.0	22
33	Thermodynamics of binding of Zn2+to carbonic anhydrase inhibitors. Molecular Physics, 2003, 101, 2357-2368.	1.7	19
34	Theoretical Study of Molecular Structure, Tautomerism, and Geometrical Isomerism of Moxonidine:â€‰ Two-Layered ONIOM Calculations. Journal of Physical Chemistry A, 2001, 105, 6926-6931.	2.5	32
35	Thermodynamic stability of carbonyl and silacarbonyl anions Râ€“M-22O [M=C, Si, R=H, F, Cl, OH, NH2, CH3, N(H)OH]. A comparative ab initio study. Physical Chemistry Chemical Physics, 2000, 2, 1113-1116.	2.8	10
36	Reactions of H2XXH2and H2XO Double Bonds (X = Si, Ge, Sn, Pb):Â Are 1,3-Dioxa-2,4-dimetaletanes Unusual Molecules?. Inorganic Chemistry, 1997, 36, 4241-4246.	4.0	42

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37	Quantum-Chemical Study of Phenylcarbamates with Local Anesthetic Activity. Archiv Der Pharmazie, 1984, 317, 45-53.	4.1	4