

# Nora Okulik

## List of Publications by Year in descending order

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38  
papers

557  
citations

623734

14  
h-index

677142

22  
g-index

38  
all docs

38  
docs citations

38  
times ranked

738  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vibrational and theoretical studies of non-steroidal anti-inflammatory drugs Ibuprofen [2-(4-isobutylphenyl)propionic acid]; Naproxen [6-methoxy-1 $\alpha$ -methyl-2-naphthalene acetic acid] and Tolmetin acids [1-methyl-5-(4-methylbenzoyl)-1H-pyrrole-2-acetic acid]. <i>Journal of Molecular Structure</i> , 2006, 783, 34-51.	3.6	70
2	Theoretical study on the structure and reactive sites of three non-steroidal anti-inflammatory drugs: Ibuprofen, Naproxen and Tolmetin acids. <i>Computational and Theoretical Chemistry</i> , 2006, 769, 135-141.	1.5	45
3	QSAR modeling of the MAO inhibitory activity of xanthenes derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 5611-5617.	2.2	42
4	Theoretical study on the structure and reactive sites of non-steroidal anti-inflammatory drugs. <i>Computational and Theoretical Chemistry</i> , 2004, 682, 55-62.	1.5	31
5	Development and characterization of benzimidazole nano- and microparticles: A new tool for pediatric treatment of Chagas disease?. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 177, 169-177.	5.0	31
6	Nanocarriers for effective delivery of benzimidazole and nifurtimox in the treatment of chagas disease: A review. <i>Acta Tropica</i> , 2019, 198, 105080.	2.0	28
7	Apigenin oxidovanadium(IV) cation interactions. Synthesis, spectral, bovine serum albumin binding, antioxidant and anticancer studies. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 344, 84-100.	3.9	27
8	Vibrational and theoretical studies of the non-steroidal anti-inflammatory drugs Niflumic [2-3((3-trifluoromethyl)phenylamino)-3-pyridinecarboxylic acid]; Diclofenac [[2-(2,6-dichlorophenyl)amino]-benzeneacetic acid] and Indometacin acids [1-(4-chlorobenzoyl)-5-methoxy-2-methyl-1H-indole-3-acetic acid]. <i>Vibrational Spectroscopy</i> , 2005, 37, 161-178.	2.2	21
9	Three-Center $\sim$ Two-Electron and Four-Center $\sim$ Four-Electron Bonds. A Study by Electron Charge Density over the Structure of Methonium Cations. <i>Journal of Physical Chemistry A</i> , 2006, 110, 9974-9982.	2.5	21
10	Copper(II) complexes with cyanoguanidine and o-phenanthroline: Theoretical studies, in vitro antimicrobial activity and alkaline phosphatase inhibitory effect. <i>Journal of Molecular Structure</i> , 2014, 1058, 298-307.	3.6	19
11	Ab Initio Topological Analysis of the Electronic Density in n-Butonium Cations and Their van der Waals Complexes. <i>Journal of Physical Chemistry A</i> , 2002, 106, 1584-1595.	2.5	18
12	Ab Initio Topological Analysis of the Electronic Density in Proponium Cations. <i>Journal of Physical Chemistry A</i> , 2000, 104, 7586-7592.	2.5	16
13	Synthesis of bioadditives of fuels from biodiesel-derived glycerol by esterification with acetic acid on solid catalysts. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 1955-1966.	2.2	16
14	Ab Initio Topological Analysis of the Electronic Density in Isobutonium Cations. <i>Journal of Physical Chemistry A</i> , 1999, 103, 8491-8495.	2.5	14
15	Study of Gas Phase m-Cresol Alkylation with Methanol on Solid Acid Catalysts. <i>Catalysis Letters</i> , 2014, 144, 1946-1954.	2.6	14
16	Synthesis, characterization, theoretical studies and biological (antioxidant, anticancer, toxicity and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Pharmacotherapy, 2019, 111, 414-426.	5.6	14
17	Topological Insights into the Nature of the Halogen $\sim$ Carbon Bonds in Dimethylhalonium Ylides and Their Cations. <i>Journal of Physical Chemistry A</i> , 2008, 112, 11468-11480.	2.5	12
18	Molecular structure, bioavailability and bioactivity of [Cu(o-phen) <sub>2</sub> (cngc)](NO <sub>3</sub> ) <sub>2</sub> ·2H <sub>2</sub> O and [Cu(o-phen)(cngc)(H <sub>2</sub> O)(NO <sub>3</sub> ) <sub>2</sub> ] complexes. <i>Journal of Inorganic Biochemistry</i> , 2007, 101, 741-749.	3.5	11

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19	A combined experimental and computational study of the esterification reaction of glycerol with acetic acid. <i>Journal of Molecular Modeling</i> , 2014, 20, 2167.	1.8	11
20	A Topological Study of the Transition States of the Hydrogen Exchange and Dehydrogenation Reactions of Methane on a Zeolite Cluster. <i>Journal of Physical Chemistry A</i> , 2001, 105, 7079-7084.	2.5	10
21	Improved QSAR Analysis of the Toxicity of Aliphatic Carboxylic Acids. <i>Russian Journal of General Chemistry</i> , 2003, 73, 1792-1798.	0.8	10
22	A Topological Study of the Transition States of the Hydrogen Exchange and Dehydrogenation Reactions of Ethane on a Zeolite Cluster. <i>Journal of Physical Chemistry A</i> , 2004, 108, 2469-2474.	2.5	10
23	Theoretical/experimental investigation and antimutagenic effect of the oxidovanadium(IV) baicalin coordination complex. <i>Inorganica Chimica Acta</i> , 2019, 487, 369-378.	2.4	8
24	Topological Study of the Effect of the Isomorphous Substitution of Silicon by Aluminum on the Zeolite Structure and Its Interaction with Methane. <i>Journal of Physical Chemistry A</i> , 2003, 107, 6225-6230.	2.5	7
25	The interaction between sulfathiazole and cobalt(II): potentiometric studies. <i>Quimica Nova</i> , 2007, 30, 1136-1142.	0.3	7
26	Synthesis, characterization and biological properties of vanadyl(IV) complexes of diclofenac and indomethacin: an experimental and theoretical study. <i>Applied Organometallic Chemistry</i> , 2005, 19, 711-718.	3.5	6
27	Theoretical study of new pseudohalogen CS <sub>2</sub> N <sub>3</sub> and some related compounds. <i>Computational and Theoretical Chemistry</i> , 2002, 589-590, 79-87.	1.5	5
28	DFT vibrational assignments, <i>in vitro</i> antifungal activity, genotoxic and acute toxicity determinations of the [Zn(phen) <sub>2</sub> (cng)(H <sub>2</sub> O)](NO <sub>3</sub> ) <sub>2</sub> ·H <sub>2</sub> O complex. <i>Journal of Molecular Structure</i> , 2015, 1100, 366-375.	3.6	5
29	Esterification of Succinic Acid Using Sulfated Zirconia Supported on SBA-15. <i>Chemical Engineering and Technology</i> , 2021, 44, 1185-1194.	1.5	5
30	Study on the cytotoxic, antimetastatic and albumin binding properties of the oxidovanadium(IV) chrysin complex. Structural elucidation by computational methodologies. <i>Chemico-Biological Interactions</i> , 2022, 351, 109750.	4.0	5
31	Theoretical studies on the structure and spectroscopic properties of pseudohalides. <i>Journal of Structural Chemistry</i> , 2008, 49, 922-936.	1.0	4
32	Theoretical investigation of the conformational space of baicalin. <i>Journal of Molecular Graphics and Modelling</i> , 2017, 76, 181-191.	2.4	4
33	Bonding in some covalent derivatives of the 1,2,3,4-thiazotriazole-5-thiolate anion. A topological study. <i>Computational and Theoretical Chemistry</i> , 2006, 770, 13-22.	1.5	3
34	m-Cresol methylation: Role of internal and external acid sites in the product distribution. <i>Catalysis Communications</i> , 2017, 92, 10-14.	3.3	3
35	Study of the Topological Properties of Some Pseudohalides. <i>Journal of Chemical Theory and Computation</i> , 2006, 2, 1335-1341.	5.3	2
36	Using hydrogen atoms to terminate zeolite clusters: A semiempirical study. <i>Computational Materials Science</i> , 2000, 17, 88-92.	3.0	1

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37	Topological properties of some PhSeX compounds. Journal of Molecular Modeling, 2012, 18, 913-920.	1.8	1
38	Quantitative Structure–Activity Relationships of Antimicrobial Compounds. , 2012, , 1343-1357.		0