

# Goran Kovacevic

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3855788/publications.pdf>

Version: 2024-02-01

18  
papers

866  
citations

933447

10  
h-index

940533

16  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1248  
citing authors

#	ARTICLE	IF	CITATIONS
1	OpenMolcas: From Source Code to Insight. <i>Journal of Chemical Theory and Computation</i> , 2019, 15, 5925-5964.	5.3	661
2	Mechanisms and reaction-path dynamics of hydroxyl radical reactions with aromatic hydrocarbons: The case of chlorobenzene. <i>Chemosphere</i> , 2013, 92, 851-856.	8.2	29
3	Structure, defects, and strain in silicon-silicon oxide interfaces. <i>Journal of Applied Physics</i> , 2014, 115, 043531.	2.5	27
4	Luscus: molecular viewer and editor for MOLCAS. <i>Journal of Cheminformatics</i> , 2015, 7, 16.	6.1	25
5	Reconstructed graphene nanoribbon as a sensor for nitrogen based molecules. <i>Applied Surface Science</i> , 2015, 357, 55-59.	6.1	24
6	Theoretical study on the mechanism and kinetics of addition of hydroxyl radicals to fluorobenzene. <i>Journal of Computational Chemistry</i> , 2013, 34, 646-655.	3.3	17
7	Atmospheric oxidation of halogenated aromatics: comparative analysis of reaction mechanisms and reaction kinetics. <i>Environmental Sciences: Processes and Impacts</i> , 2017, 19, 357-369.	3.5	15
8	<i>cis</i> - versus <i>trans</i> -Square Planar Palladium(II) and Platinum(II) Complexes with Triphenylphosphine Amino Acid Bioconjugates. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3928-3937.	2.0	13
9	Reactions in silicon-nitrogen plasma. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 3826-3836.	2.8	11
10	The study of secondary effects in vibrational and hydrogen bonding properties of 2- and 3-ethynylpyridine and ethynylbenzene by IR spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 132, 215-224.	3.9	10
11	Atmospheric oxidation of hexachlorobenzene: New global source of pentachlorophenol. <i>Chemosphere</i> , 2016, 159, 488-495.	8.2	10
12	Sarin chemisorbent based on cobalt-doped graphene. <i>Applied Surface Science</i> , 2019, 480, 759-764.	6.1	7
13	Modeling the interface between crystalline silicon and silicon oxide polymorphs. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2013, 210, 717-722.	1.8	4
14	The exploration of hydrogen bonding properties of 2,6- and 3,5-diethynylpyridine by IR spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 136, 1912-1923.	3.9	3
15	On the evolution and electronic properties of self-assembled gold nanowires. <i>Computational Materials Science</i> , 2017, 130, 222-231.	3.0	2
16	Tropospheric Degradation of Perfluorinated Aromatics: A Case of Hexafluorobenzene. <i>Croatica Chemica Acta</i> , 2015, 88, 547-552.	0.4	2
17	Modeling the interface between crystalline silicon and silicon oxide polymorphs. , 2013, 210, 717.		1
18	Gaussian product rule for two-electron wave functions. <i>Journal of Chemical Physics</i> , 0, , .	3.0	1