

# Svetlana Kulakovskaya

## List of Publications by Year in descending order

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23  
papers

105  
citations

1477746

6  
h-index

1473754

9  
g-index

23  
all docs

23  
docs citations

23  
times ranked

46  
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of non-covalent interactions at the oxidation of 2,5-di-Me-pyrazine-di-N-oxide at glassy carbon, single-walled and multi-walled carbon nanotube paper electrodes. <i>Carbon Trends</i> , 2021, 4, 100057.	1.4	3
2	Comparative Electrochemical and Electron Paramagnetic Resonance Study of the Mechanism of Oxidation of 2,3,5,6-Tetra-Me-Pyrazine-Di-N-Oxide as a Mediator of Electrocatalytic Oxidation of Methanol at Glassy Carbon and Multi-Walled Carbon Nanotube Paper Electrodes. <i>Journal of Advanced Electrochemistry</i> , 2018, 4, 162-167.	0.3	3
3	Electrochemical and electron paramagnetic resonance study of the mechanism of oxidation of 2,3,5,6-tetra-Me-pyrazine-di-N-oxide as a mediator of electrocatalytic oxidation of isopropyl alcohol at glassy carbon and single-walled carbon nanotube electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2017, 795, 81-89.	1.9	5
4	Electrochemical and ESR study of the mechanism of oxidation of phenazine-di-N-oxide in the presence of cyclohexanol on glassy carbon and single-walled carbon nanotube electrodes. <i>Russian Journal of Electrochemistry</i> , 2014, 50, 1-12.	0.3	6
5	Electrochemical and Electron Paramagnetic Resonance Study of the Mechanism of Oxidation of Phenazine-di-N-oxide in the Presence of Isopropyl alcohol at Glassy Carbon and Single-Walled Carbon Nanotube Electrodes. <i>Electrochimica Acta</i> , 2014, 146, 798-808.	2.6	7
6	Electrochemical and ESR studies of the oxidation mechanism of pyrazine-di-N-oxides in the presence of methanol and its deuterated derivatives. <i>Russian Journal of Electrochemistry</i> , 2012, 48, 1023-1036.	0.3	5
7	Electrochemical and ESR studies of tert-butanol oxidation mechanism in the presence of radical cations pyrazine-di-N-oxide and its substituted derivatives as mediators. <i>Russian Journal of Electrochemistry</i> , 2010, 46, 1047-1055.	0.3	6
8	Electrochemical study of Au(III)-luteolin flavonoid system in tris-buffer. <i>Russian Journal of Electrochemistry</i> , 2009, 45, 1135-1144.	0.3	0
9	Electrochemical and ESR studies of the methane C-H bond activation in the presence of radical cations of pyrazine-di-N-oxide and its substituted derivatives. <i>Russian Journal of Electrochemistry</i> , 2009, 45, 1368-1375.	0.3	6
10	Gold(III) reduction in a tris-HCl buffer: Effect of riboflavin, rutin, 1,1-dipyridyl, and 1-naphthol. <i>Russian Journal of Electrochemistry</i> , 2007, 43, 92-104.	0.3	0
11	Substituted pyrazine-di-N-oxides as the mediators of catalytic oxidation of organic compounds. <i>Russian Journal of Electrochemistry</i> , 2007, 43, 1156-1163.	0.3	9
12	Electrochemical and ESR-study of the mechanism of organic compound oxidation in the presence of mediators—Radical cations of substituted pyrazin-di-N-oxides. <i>Russian Journal of Electrochemistry</i> , 2007, 43, 1234-1242.	0.3	7
13	Radical Cation of Pyrazine-di-N-oxide as a Mediator in Electrocatalytic Oxidation of Organic Compounds. <i>Russian Journal of Electrochemistry</i> , 2004, 40, 1035-1043.	0.3	9
14	Electrochemical and ESR study of the C-H bond activation. Electrocatalytical oxidation with participation of radical cation of phenazine-di-N-oxide. <i>Electrochimica Acta</i> , 2002, 47, 4245-4254.	2.6	17
15	Electrochemical and ESR Studies of Au-Protein from <i>Micrococcus luteus</i> . <i>Applied Biochemistry and Biotechnology</i> , 2000, 88, 201-210.	1.4	5
16	Intramolecular electron transfer and spin exchange in molecules with two electrophoric moieties. Bis(2,4,6-triphenylpyridinium)-1,1'-alkanes. <i>Russian Chemical Bulletin</i> , 1999, 48, 817-818.	0.4	1
17	Mechanism of oxidation of cyclohexane by the radical cation of pyridine N-Oxide. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , 1990, 39, 1345-1348.	0.0	3
18	Thermodynamic characteristics of the radical cation of pyridine N-oxide and its reaction with methanol. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , 1989, 38, 2237-2240.	0.0	0

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19	Catalytic currents in the oxidation of pyridine N-oxide in the presence of alcohols. Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 1989, 38, 2241-2244.	0.0	1
20	Electrochemical investigations of the components of the catalytic system Ti(III)-Mo(III)-pyrocatechol at the dropping mercury electrode. Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 1987, 36, 2255-2259.	0.0	0
21	Polarographic study of Mo(V) in methanol in the presence of phosphatidyl choline. Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 1987, 36, 1380-1384.	0.0	0
22	The effect of phosphatidylcholine in the electroreduction of Mo(V) in methanol. Bioelectrochemistry, 1984, 13, 7-13.	1.0	2
23	Electroreduction of dinitrogen in a Ti(III)-Mo(III)-guanidine system. Reaction Kinetics and Catalysis Letters, 1980, 14, 181-186.	0.6	10