

Rustam L Safiullin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9493738/publications.pdf>

Version: 2024-02-01

105
papers

636
citations

686830

13
h-index

839053

18
g-index

107
all docs

107
docs citations

107
times ranked

310
citing authors

#	ARTICLE	IF	CITATIONS
1	para-Substituent Effect on the Decay Kinetics of the Isomeric Forms of Aromatic Nitroso Oxides. <i>Kinetics and Catalysis</i> , 2022, 63, 172-179.	0.3	2
2	Reactivity of Peroxyl Radicals with 5-Methyl-4-[(Propylsulfanyl)methyl]-2,4-Dihydro-3H-Pyrazol-3-one. <i>Kinetics and Catalysis</i> , 2021, 62, 56-61.	0.3	3
3	Rate Constants of the Interaction of 2-Thio-6-Aminouracil with Peroxyl Radicals. <i>Kinetics and Catalysis</i> , 2021, 62, 49-55.	0.3	2
4	Quantitative Analysis of the Antioxidant Activity of Mexidol. <i>Pharmaceutical Chemistry Journal</i> , 2021, 54, 1282-1285.	0.3	2
5	Formation of 1,2,4-oxadiazoles in the course of photooxidation of aromatic azides in acetonitrile. <i>Mendeleev Communications</i> , 2021, 31, 233-235.	0.6	4
6	Reactivity of Arylnitroso Oxide Isomers with Benzoquinones. <i>Kinetics and Catalysis</i> , 2021, 62, 387-394.	0.3	1
7	Kinetics of Methyl Oleate Oxidation in Microemulsion Stabilized with Triton X-100. I. Lipid-Soluble Initiator 2,2'-Azo-bis-isobutyronitrile. <i>Kinetics and Catalysis</i> , 2021, 62, 573-579.	0.3	1
8	The substituent effects on the [3+2] cycloaddition of nitrile oxides generated by photooxidation of arylazides to acetonitrile. <i>Journal of Molecular Graphics and Modelling</i> , 2020, 95, 107491.	1.3	2
9	Structure-activity relationship in the case of intramolecular ortho-cyclization of aromatic nitroso oxides: Inverted steric effect of substituent in the 2,6-H ₄ NOO transformation. <i>International Journal of Quantum Chemistry</i> , 2020, 120, e26094.	1.0	4
10	Ortho-Cyclization in Asymmetrically Substituted Arylnitroso Oxides. <i>Journal of Organic Chemistry</i> , 2020, 85, 10813-10822.	1.7	5
11	Antioxidant Activity of 2-Aminothiazoles Containing a Diterpene Fragment in the Model System of the Liquid-Phase Radical-Chain Oxidation of 1,4-Dioxane. <i>Kinetics and Catalysis</i> , 2020, 61, 232-237.	0.3	9
12	Condensation of Propan-2-one with Formaldehyde and Propane-2-thiol. <i>Russian Journal of General Chemistry</i> , 2020, 90, 567-571.	0.3	0
13	Effect of Fullerene Containing a Maleopimarimide Substituent on the Kinetics of Liquid-Phase Radical Chain Oxidation of Ethylbenzene. <i>Kinetics and Catalysis</i> , 2019, 60, 21-27.	0.3	7
14	Kinetics and Mechanism of the Reactions of Aromatic Nitroso Oxides with Tetracyanoethylene. <i>Kinetics and Catalysis</i> , 2019, 60, 155-163.	0.3	3
15	Effect of Succinic Acid on the Antiradical Properties of 5-Hydroxy-6-Methyluracil. <i>Kinetics and Catalysis</i> , 2019, 60, 783-789.	0.3	1
16	On the Mechanism of the [3+2]-Cycloaddition of Phenylnitroso Oxide to trans-Stilbene. <i>Letters in Organic Chemistry</i> , 2019, 16, 161-164.	0.2	1
17	Chemiluminescent Method for Determination of Rate Constants for Reactions of Triplet Aromatic Nitrenes. <i>High Energy Chemistry</i> , 2018, 52, 123-130.	0.2	1
18	On the mechanism for the photooxidation of aromatic azides containing a secondary N-H bond: A sequence of intramolecular transformations with the formation of heterocyclic oximes. <i>Tetrahedron Letters</i> , 2018, 59, 3267-3271.	0.7	7

#	ARTICLE	IF	CITATIONS
19	Interplay of Conformational and Chemical Transformations of Ortho-Substituted Aromatic Nitroso Oxides: Experimental and Theoretical Study. <i>Journal of Organic Chemistry</i> , 2017, 82, 7750-7763.	1.7	15
20	Free-radical chain oxidation of 1,4-dioxane inhibited by 2-thio-6-aminouracil. <i>Kinetics and Catalysis</i> , 2016, 57, 154-158.	0.3	4
21	Mechanism of 5-amino-6-methyluracil-inhibited oxidation of organic compounds. <i>Kinetics and Catalysis</i> , 2016, 57, 758-767.	0.3	4
22	Conformational Transformations in Aromatic Nitroso Oxides. <i>Journal of Physical Chemistry A</i> , 2016, 120, 5693-5705.	1.1	14
23	Reaction of levoglucosenone with Dene's diene. <i>Russian Journal of Organic Chemistry</i> , 2015, 51, 1725-1728.	0.3	3
24	A simple one-pot preparation of 3,3a-dihydro-5H-pyrano[3,3a-c]isoxazol-5-ylideneethanal from 4-vinyloxyphenyl azide: an example of aromatic azide photooxidation for the synthesis of nitrogen-containing heterocyclic compounds. <i>Tetrahedron Letters</i> , 2015, 56, 1332-1334.	0.7	7
25	Inversion of diastereoselectivity under high pressure conditions: Diels-Alder reactions of 12-N-substituted derivatives of ($\hat{\alpha}$)-cytisine with N-phenylmaleimide. <i>Tetrahedron: Asymmetry</i> , 2015, 26, 732-737.	1.8	14
26	4-N,N-Dimethylaminophenyl azide photooxidation: effect of conditions on the reaction pathway. Ring contraction of benzene to cyclopentadiene due to a strongly electron-donating substituent. <i>Tetrahedron Letters</i> , 2015, 56, 4661-4665.	0.7	10
27	The mechanism of 5-amino-6-methyluracil oxidation with 1,4-dioxanyl peroxy radical. <i>Chemistry of Heterocyclic Compounds</i> , 2015, 51, 162-165.	0.6	5
28	Effect of metallocenes on benzoyl peroxide decomposition. <i>Kinetics and Catalysis</i> , 2015, 56, 71-75.	0.3	4
29	Kinetics of the radical-chain oxidation of methyl oleate inhibited by 5-amino-6-methyluracil and 5-amino-1,3,6-trimethyluracil. <i>Kinetics and Catalysis</i> , 2015, 56, 125-131.	0.3	4
30	Aza-Michael reaction of 12-N-carboxamide of ($\hat{\alpha}$)-cytisine under high pressure conditions. <i>Natural Product Research</i> , 2015, 29, 141-148.	1.0	10
31	Reaction of levoglucosenone with ($\hat{\alpha}$)-terpineol and its acetate. <i>Russian Journal of Organic Chemistry</i> , 2014, 50, 1848-1850.	0.3	2
32	Antiradical activity of 5-amino-1,3,6-trimethyluracil in the radical chain oxidation of ethylbenzene as the model system. <i>Kinetics and Catalysis</i> , 2013, 54, 279-283.	0.3	9
33	Kinetics and mechanism of the nitrosobenzene deoxygenation by trivalent phosphorous compounds. <i>Russian Chemical Bulletin</i> , 2013, 62, 2477-2486.	0.4	9
34	Free-radical chain oxidation of 1,4-dioxane and styrene in the presence of fullerene C60. <i>Kinetics and Catalysis</i> , 2013, 54, 709-715.	0.3	12
35	Synthesis of nitrogen-containing heterocyclic compounds by photooxidation of aromatic azides. <i>Tetrahedron Letters</i> , 2013, 54, 2140-2142.	0.7	12
36	Thermal Intramolecular Transformation of Key Intermediates in the Photooxidation of <i>para</i> -Allyl-Substituted Phenyl Azide. <i>Journal of Physical Chemistry A</i> , 2013, 117, 2728-2737.	1.1	14

#	ARTICLE	IF	CITATIONS
37	No Longer a Complex, Not Yet a Molecule: A Challenging Case of Nitrosyl <i>O</i> -Hydroxide, HOON. <i>Journal of Physical Chemistry A</i> , 2013, 117, 679-685.	1.1	12
38	A Revised Mechanism of Thermal Decay of Arylnitroso Oxides. <i>Journal of Physical Chemistry A</i> , 2012, 116, 8142-8147.	1.1	22
39	Synthesis and inhibiting activity of pyrocatechol monoethers. <i>Petroleum Chemistry</i> , 2012, 52, 432-436.	0.4	2
40	Inhibiting effect of 5-amino-5-methyluracil and its derivatives on the free-radical oxidation of 1,4-dioxane. <i>Kinetics and Catalysis</i> , 2012, 53, 665-672.	0.3	13
41	A new intramolecular transformation of aromatic nitroso oxides. <i>Russian Journal of Physical Chemistry A</i> , 2012, 86, 235-243.	0.1	11
42	Redox isomerization of aromatic nitroso oxides. <i>Doklady Chemistry</i> , 2012, 442, 12-14.	0.2	4
43	Products of 6-azidoquinoline photooxidation: Thermal and photochemical routes of nitroso oxide consumption. <i>Doklady Chemistry</i> , 2012, 442, 30-33.	0.2	5
44	Measurement of the rate constants for the interaction of diarylcarbonyl oxides with ketones by the flash photolysis technique. <i>High Energy Chemistry</i> , 2011, 45, 305-309.	0.2	0
45	Kinetics of the initiated and inhibited oxidation of methyl oleate in homogeneous and aqueous emulsion media. <i>Kinetics and Catalysis</i> , 2011, 52, 785-792.	0.3	6
46	The reaction of nitroso oxides with olefins: Concerted or nonconcerted addition?. <i>Russian Journal of Physical Chemistry A</i> , 2011, 85, 364-376.	0.1	9
47	Fatty acid composition of <i>Oenothera biennis</i> seed oil during storage. Antioxidant activity. <i>Chemistry of Natural Compounds</i> , 2010, 46, 278-282.	0.2	2
48	Inhibiting effect of 6-methyluracil derivatives on the free-radical oxidation of 1,4-dioxane. <i>Russian Chemical Bulletin</i> , 2010, 59, 517-521.	0.4	15
49	A flash photolysis and theoretical study of the reaction of arylnitroso oxides with phosphorus(III) compounds. <i>High Energy Chemistry</i> , 2010, 44, 284-289.	0.2	4
50	Chain processes in the reduction of aromatic nitroso compounds by triphenylphosphine in the presence of oxygen. <i>Russian Chemical Bulletin</i> , 2009, 58, 926-928.	0.4	5
51	Influence of 1,3-dichloroacetone on the regularities of decay of arylnitroso oxides. <i>Russian Chemical Bulletin</i> , 2009, 58, 2437-2442.	0.4	2
52	Chemiluminescence during deoxygenation of nitrosobenzene with triphenylphosphine. <i>High Energy Chemistry</i> , 2009, 43, 147-148.	0.2	4
53	Flash photolysis study of the reactivity of isomeric forms of arylnitroso oxides toward triphenyl phosphite. <i>High Energy Chemistry</i> , 2009, 43, 467-470.	0.2	5
54	Kinetics of reactions between arylnitroso oxides and methyl vinyl ketone. <i>Kinetics and Catalysis</i> , 2009, 50, 97-102.	0.3	5

#	ARTICLE	IF	CITATIONS
55	Reactions of arylnitroso oxides with substituted styrenes: Kinetics and products. <i>Kinetics and Catalysis</i> , 2009, 50, 174-179.	0.3	15
56	Reactivity of arylnitroso oxides to triphenylphosphine. <i>Kinetics and Catalysis</i> , 2009, 50, 527-529.	0.3	14
57	The quantum-chemical modeling of the reaction of nitroso oxides with olefins. <i>Russian Journal of Physical Chemistry B</i> , 2009, 3, 529-536.	0.2	6
58	RRKM and Ab Initio Investigation of the NH (X) Oxidation by Dioxygen. <i>Journal of Physical Chemistry A</i> , 2009, 113, 6468-6476.	1.1	30
59	Formation of stable carbonyl oxide by photooxidation of (phenyl)(2-thienyl)diazomethane. <i>Russian Chemical Bulletin</i> , 2008, 57, 679-681.	0.4	1
60	Kinetics of copper(II)-catalyzed cyclopropanation of olefins. <i>Kinetics and Catalysis</i> , 2008, 49, 43-51.	0.3	9
61	Analysis of the reactivities of organic compounds in hydrogen atom abstraction from their C-H bonds by the sulfate radical anion $\text{SO}_4^{\cdot-}$. <i>Kinetics and Catalysis</i> , 2008, 49, 202-211.	0.3	12
62	Contributions from monomolecular and bimolecular reactions to the disappearance of diphenylcarbonyl oxide in solution. <i>Kinetics and Catalysis</i> , 2008, 49, 212-217.	0.3	0
63	Kinetics of the liquid-phase oxidation of 1,4-dioxane in the presence of inhibitors. <i>Kinetics and Catalysis</i> , 2008, 49, 366-370.	0.3	20
64	Oxidation of 2-methoxy-3,6-dichloropropenylbenzene with ozone. <i>Russian Journal of Applied Chemistry</i> , 2007, 80, 611-614.	0.1	0
65	Isomeric forms of arylnitroso oxides: Electronic spectra and reactivity. <i>Kinetics and Catalysis</i> , 2006, 47, 549-554.	0.3	31
66	Quantum-chemical modeling of the detachment of hydrogen atoms by the sulfate radical anion. <i>Russian Journal of Physical Chemistry A</i> , 2006, 80, 366-371.	0.1	16
67	Theoretical investigation of the electronic spectra of aromatic nitrosooxides with allowance for solvent effects. <i>Journal of Structural Chemistry</i> , 2006, 47, 1051-1058.	0.3	13
68	Electronic Spectra and Decay Kinetics of Isomeric Forms of 4-Methoxyphenylnitroso Oxide. <i>Doklady Physical Chemistry</i> , 2005, 403, 133-135.	0.2	8
69	Kinetics of the carbomethoxylation of methylacetylene-allene mixtures catalyzed by palladium complexes. <i>Kinetics and Catalysis</i> , 2005, 46, 43-46.	0.3	0
70	Strong Solvent Effect on the Reactivity of Polar Intermediates $\text{X}^{\ominus}\text{O}^{\ominus}$: Isomerization of 4-(N,N-Dimethylamino)phenylnitroso Oxide. <i>Doklady Physical Chemistry</i> , 2004, 396, 138-140.	0.2	6
71	The Effect of Acids on the Kinetics of Cyclopentanone Oxidation by Decanesulfonic Peracid in an Acetonitrile Solution. <i>Kinetics and Catalysis</i> , 2004, 45, 10-13.	0.3	0
72	Formation of Nitroso Oxides in the Photolysis of Aromatic Azides: Analysis of Products; Reaction Kinetics and Mechanism. <i>Kinetics and Catalysis</i> , 2004, 45, 640-648.	0.3	30

#	ARTICLE	IF	CITATIONS
73	Effect of the structure of reactants on the reaction rate constants of aromatic nitroso oxides with olefins. <i>Kinetics and Catalysis</i> , 2004, 45, 794-798.	0.3	14
74	Phenylnitroso Oxide: Formation and Decay Kinetics. <i>Doklady Physical Chemistry</i> , 2003, 390, 163-165.	0.2	9
75	The Kinetics of Thermal Decomposition of Acetyl-cyclo-hexylsulfonylperoxide. <i>Kinetics and Catalysis</i> , 2002, 43, 312-315.	0.3	0
76	Kinetics of oxidation of alkanes and their derivatives by n-decanepersulfonic acid. <i>Russian Chemical Bulletin</i> , 2000, 49, 819-822.	0.4	1
77	The kinetics of acid-catalyzed decomposition of decanepersulfonic acid. <i>Russian Chemical Bulletin</i> , 1999, 48, 201-202.	0.4	1
78	Absolute rate constants of decay of aryl-substituted carbonyl oxides. <i>Russian Chemical Bulletin</i> , 1999, 48, 672-676.	0.4	3
79	Quantitative description of the effect of solvent on kinetics of benzophenone oxide decay. <i>Reaction Kinetics and Catalysis Letters</i> , 1998, 65, 311-314.	0.6	5
80	Decay kinetics of benzophenone oxide in the liquid phase. <i>Russian Chemical Bulletin</i> , 1998, 47, 1292-1295.	0.4	1
81	Medium effect on the decay kinetics of benzophenone oxide. <i>Reaction Kinetics and Catalysis Letters</i> , 1997, 61, 173-174.	0.6	8
82	Effect of the solvent on the kinetics of thermal decomposition of acetylcyclohexylsulfonyl peroxide. <i>Russian Chemical Bulletin</i> , 1997, 46, 895-897.	0.4	0
83	Enantiospecific synthesis of (S)-(+)-3-methylheneicosan-2-one, an analog of the sex pheromone of the German cockroach (<i>Blattella germanica</i> L.) from (±)-(1R,4S)-menthone. <i>Russian Chemical Bulletin</i> , 1997, 46, 1033-1035.	0.4	3
84	Induced decomposition of acetylcyclohexylsulfonyl peroxide. <i>Russian Chemical Bulletin</i> , 1995, 44, 1011-1013.	0.4	0
85	The kinetics of the oxidation of cyclopentanone with decaneperoxysulfonic acid. <i>Russian Chemical Bulletin</i> , 1993, 42, 1751-1753.	0.4	0
86	Optically pure acyclic bifunctional compounds from (±)-menthone. Synthesis of R-4-methyl-1-nonanol, the sex pheromone of the larger flour beetle (<i>Tenebrio molitor</i> L.). <i>Russian Chemical Bulletin</i> , 1993, 42, 1244-1245.	0.4	6
87	Kinetics of the reaction of decanesulfoperacid with SO ₂ in the presence of water. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , 1991, 40, 469-471.	0.0	0
88	Chemiluminescence in the decomposition of acetylcyclohexanesulfonyl peroxide. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , 1991, 40, 2316-2316.	0.0	0
89	Oxidation of olefins with alkanesulfoperacids. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , 1991, 40, 280-284.	0.0	3
90	Alkanepersulfonic acid-SO ₂ system as a new sulfonating reagent. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , 1990, 39, 1991-1991.	0.0	0

#	ARTICLE	IF	CITATIONS
91	Alkanepersulfonic acids as new oxidizing agents in the bayervilliger reaction. Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 1990, 39, 1998-1998.	0.0	0
92	The oxidation of secondary amines by alkanesulfonic peracids. Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 1990, 39, 1045-1047.	0.0	3
93	Kinetics of oxidation of 2,2,4,5,5-pentamethyl-1-hydroxy-3-imidazoline-3-oxide by decanepersulfonic acid. Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 1990, 39, 1136-1138.	0.0	0
94	Pulse photolysis of di-tert-butyl peroxide in benzene. Reaction Kinetics and Catalysis Letters, 1989, 39, 261-266.	0.6	6
95	Hydroxylation of saturated hydrocarbons by alkanesulfonic peracids. Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 1989, 38, 878-878.	0.0	0
96	Recombination of polyatomic ester peroxy radicals in solution. Reaction Kinetics and Catalysis Letters, 1987, 34, 427-432.	0.6	3
97	Diffusion-controlled recombination of peroxide radicals in polyatomic esters. Reaction Kinetics and Catalysis Letters, 1987, 33, 453-458.	0.6	6
98	Chemiluminescence upon the thermal decomposition of alkanesulfonic peracids. Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 1986, 35, 1542-1542.	0.0	0
99	Determination of the extinction coefficients of alkyl and alkylsulfonyl radicals. Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 1986, 35, 1140-1144.	0.0	0
100	Chemiluminescence upon the sulfoxidation of saturated hydrocarbons. Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 1986, 35, 1314-1314.	0.0	0
101	Reaction kinetics of alkyl and alkylperoxide radicals. Reaction Kinetics and Catalysis Letters, 1986, 31, 355-359.	0.6	5
102	Pulse photolysis rate constants of the decay of ester peroxide radicals. Reaction Kinetics and Catalysis Letters, 1984, 24, 19-23.	0.6	7
103	Vibrational kinetics of N-decane sulfoxidation at high pressure. Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 1984, 33, 1536-1536.	0.0	0
104	Kinetics of the reaction between cyclohexylsulfonyl and cyclohexyl radicals. Reaction Kinetics and Catalysis Letters, 1982, 19, 65-69.	0.6	4
105	Neutral Lipids of Common Borage (<i>Borago officinalis</i> L.) Seeds: Stability to Oxidation During Long-Term Storage. Pharmaceutical Chemistry Journal, 0, , .	0.3	0