

Stanislav A Grabovskiy

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Heterogeneous Palladium Catalysts in the Hydrogenation of the Carbon-carbon Double Bond. <i>Current Organic Chemistry</i> , 2021, 25, 315-329.	1.6	5
2	Reactivity of Cross-Conjugated Enynones in Cyclocondensations with Hydrazines: Synthesis of Pyrazoles and Pyrazolines. <i>Journal of Organic Chemistry</i> , 2021, 86, 7229-7241.	3.2	14
3	Inhibiting Effect of 4-Hydroxy-2,5-Dimethylfuran-3-one on the Radical Chain Oxidation of Styrene. <i>Kinetics and Catalysis</i> , 2021, 62, 43-48.	1.0	1
4	Oxidation of Triorganosilanes and Related Compounds by Chlorine Dioxide. <i>Russian Journal of General Chemistry</i> , 2021, 91, 2391-2402.	0.8	1
5	Thermal Stability of Cyclododecylidene-1,1-bis(hydroperoxide) in the Presence of Ferrocene. <i>Russian Journal of General Chemistry</i> , 2020, 90, 2029-2031.	0.8	0
6	Reactivity of 5-aminouracil derivatives towards peroxy radicals. <i>Journal of Physical Organic Chemistry</i> , 2020, 33, e4065.	1.9	3
7	Synergistic Effect for a Mixture of 3-Butyl-5-Amino-6-Methyluracil and Butylated Hydroxytoluene during Inhibited Styrene Autoxidation. <i>Kinetics and Catalysis</i> , 2020, 61, 369-373.	1.0	1
8	Synthesis and Structure of Chloro Complex of Palladium(II) with {[6-Amino-2-(butylsulfanyl)pyrimidin-4-yl]oxy}acetic Acid. <i>Russian Journal of General Chemistry</i> , 2019, 89, 1808-1815.	0.8	0
9	Decomposition of Benzoyl Peroxide in the Presence of Ferrocene. <i>Russian Journal of General Chemistry</i> , 2019, 89, 1560-1563.	0.8	1
10	6-Amino-5-hydroxy-2,3-dimethylpyrimidin-4(3H)-one as an efficient inhibitor of free radical oxidation. <i>Mendeleev Communications</i> , 2019, 29, 414-416.	1.6	2
11	Pro- and antioxidant properties of uracil derivatives. <i>Russian Chemical Bulletin</i> , 2019, 68, 946-954.	1.5	12
12	CuCl ₂ -Mediated Hydroxylation of 2,3-Dimethyl-5-hydroxy-6-aminopyrimidine-4(3H)-one with Molecular Oxygen in Aqueous and Non-Aqueous Solutions. <i>Russian Journal of General Chemistry</i> , 2019, 89, 405-408.	0.8	1
13	Formation of Singlet Oxygen during Thermal Degradation of Hydrotrioxides of Triorganosilanes. <i>High Energy Chemistry</i> , 2019, 53, 435-437.	0.9	1
14	Complexation of 2,3-Dimethyl-5-hydroxy-6-aminopyrimidin-4(3H)-one with Copper(II) Ions in Nonaqueous Solutions. <i>Russian Journal of General Chemistry</i> , 2019, 89, 2052-2056.	0.8	1
15	Synthesis and In Vitro Anticancer Activity of 6-Ferrocenylpyrimidin-4(3H)-one Derivatives. <i>Current Organic Synthesis</i> , 2019, 16, 160-164.	1.3	9
16	The Quantum Yield of Singlet Oxygen in Thermal Degradation of Alcohol Hydrotrioxides. <i>High Energy Chemistry</i> , 2018, 52, 446-448.	0.9	3
17	Complexes of palladium(II) and platinum(II) with 6-tert-butyl-2-thiouracil. <i>Russian Journal of General Chemistry</i> , 2017, 87, 117-121.	0.8	3
18	Activation of molecular oxygen on copper(II) complexes of 5-hydroxy and 5-aminoorotic acids. <i>Russian Journal of General Chemistry</i> , 2017, 87, 1542-1546.	0.8	4

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19	Oxidation of 5-aminouracil with molecular oxygen in aqueous solution in the presence of copper(II) chloride. Russian Journal of General Chemistry, 2017, 87, 1667-1674.	0.8	3
20	Effect of the 6-Methyl Group on Peroxyl Radical Trapping by 5-Hydroxyand 5-Amino- Derivatives of 1,3-Dimethyluracil. Letters in Organic Chemistry, 2017, 14, 24-32.	0.5	8
21	The Impact of 5-Substituted Uracil Derivatives on Immortalized Embryo Lung Cells. Letters in Drug Design and Discovery, 2017, 14, .	0.7	1
22	Protonation of 5-aminouracil, 5-amino-1,3,6-trimethyluracil, and 6-aminouracil in aqueous solutions. Russian Journal of General Chemistry, 2016, 86, 2338-2343.	0.8	1
23	Alkene hydrogenation over palladium supported on a carbon-silica material. Kinetics and Catalysis, 2016, 57, 586-591.	1.0	5
24	Synthesis and kinetic regularities of the thermal decomposition of new hydrotrioxides of cyclic alcohols. Russian Chemical Bulletin, 2016, 65, 464-468.	1.5	0
25	Products of ozone oxidation of some saturated cyclic hydrocarbons. Russian Journal of Organic Chemistry, 2015, 51, 1710-1716.	0.8	3
26	The role of oxygen in the reaction of ferrocene with benzoyl peroxide. Russian Journal of General Chemistry, 2015, 85, 123-125.	0.8	5
27	Interaction of diacylated ethylenediamine with hydrochloric acid. Russian Chemical Bulletin, 2015, 64, 375-378.	1.5	2
28	Complex formation between 5-aminouracil and copper(II) ions in dimethylsulfoxide solution. Russian Journal of General Chemistry, 2015, 85, 1686-1691.	0.8	6
29	Molecular structure of 3,7-dimethyl-9-thia-3,7-diazabicyclo[3.3.1]nonane-9,9-dioxide. Journal of Structural Chemistry, 2013, 54, 465-467.	1.0	0
30	Mechanism of Methyl Methacrylate Polymerization Initiated by Benzoyl Peroxide and Ferrocene in the Presence of Oxygen. Mendeleev Communications, 2013, 23, 53-55.	1.6	13
31	5-Aminouracil as Effective Inhibitor of Peroxyl Radicals. Experimental and Theoretical Studies. Current Organic Chemistry, 2012, 16, 1447-1452.	1.6	14
32	5-Substituted Uracil Derivatives as Scavengers of Peroxyl Radicals. Current Organic Chemistry, 2012, 16, 2389-2393.	1.6	15
33	A new synthesis of 5-hydroxy-6-methyluracil. Tetrahedron Letters, 2012, 53, 6025-6028.	1.4	3
34	Trans Fatty Acids: Chemical Synthesis of Eicosapentaenoic Acid Isomers and Detection in Rats Fed a Deodorized Fish Oil Diet. Chemical Research in Toxicology, 2012, 25, 687-694.	3.3	27
35	Complex formation of 5-hydroxyuracil with copper(II) ions in water solutions. Russian Journal of General Chemistry, 2012, 82, 736-738.	0.8	3
36	Oxidation of 5-hydroxy-6-methyluracil with molecular oxygen in the presence of copper(II) chloride in aqueous solution. Russian Journal of General Chemistry, 2011, 81, 1543-1546.	0.8	5

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37	Base-Promoted Reaction of 5-Hydroxyuracil Derivatives with Peroxyl Radicals. <i>Organic Letters</i> , 2010, 12, 4130-4133.	4.6	29
38	Separation of cis/trans geometrical fatty acid isomers by silver-exchanged zeolite Y. <i>Tetrahedron</i> , 2010, 66, 2203-2209.	1.9	7
39	Kinetics of the thermal decomposition of 1,2-dioxaspiro[2,5]octane. <i>Kinetics and Catalysis</i> , 2009, 50, 180-185.	1.0	2
40	5-Hydroxy-6-methyluracil, an Efficient Scavenger of Peroxyl Radical in Water. <i>Current Organic Chemistry</i> , 2009, 13, 1733-1736.	1.6	12
41	5-Hydroxy-6-methyluracil as an efficient scavenger of peroxy radicals. <i>Russian Chemical Bulletin</i> , 2008, 57, 2265-2270.	1.5	10
42	Oxidation of alcohols by chlorine dioxide in organic solvents. <i>Russian Chemical Bulletin</i> , 2008, 57, 2328-2331.	1.5	3
43	Oxidation of valeraldehyde by chlorine dioxide. <i>Russian Chemical Bulletin</i> , 2008, 57, 2332-2334.	1.5	2
44	Oxidation of some cage hydrocarbons by dioxiranes. Nature of the transition structure for the reaction of C-H bonds with dimethyldioxirane: a comparison of B3PW91 density functional theory with experiment. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 2302-2310.	2.8	12
45	Thermolysis of 2-[4-(chloro-tert-butyl)phenyl]propan-2-yl hydroperoxide: Kinetics and mechanism. <i>Petroleum Chemistry</i> , 2007, 47, 354-358.	1.4	0
46	Synthesis and thermal decomposition of hydrotrioxide obtained by ozonization of exo-bicyclo[2.2.1]heptan-2-ol. <i>Russian Chemical Bulletin</i> , 2007, 56, 271-275.	1.5	7
47	Products, kinetic regularities, and mechanism of thermal decomposition of ethyl(methyl)dioxirane. <i>Russian Chemical Bulletin</i> , 2006, 55, 1780-1787.	1.5	1
48	Epoxidation of Polyunsaturated Fatty Acid Double Bonds by Dioxirane Reagent: Regioselectivity and Lipid Supramolecular Organization. <i>Helvetica Chimica Acta</i> , 2006, 89, 2243-2253.	1.6	8
49	Mechanism of One-Electron Reactions of Copper(I) Chloride Complexes with Chlorohydrocarbons. <i>Kinetics and Catalysis</i> , 2005, 46, 52-55.	1.0	1
50	Oxidation of ethers with dimethyldioxirane. <i>Russian Chemical Bulletin</i> , 2005, 54, 2384-2393.	1.5	10
51	Kinetics of oxidation of fullerene C ₆₀ with dimethyldioxirane. <i>Russian Chemical Bulletin</i> , 2004, 53, 800-802.	1.5	1
52	The role of free radicals in the reaction of dimethyldioxirane with adamantane. <i>Kinetics and Catalysis</i> , 2004, 45, 809-812.	1.0	4
53	Kinetic and Product Studies of the Reaction of Triorganosilanes with Dimethyldioxirane. <i>Organometallics</i> , 2002, 21, 3506-3510.	2.3	15
54	Oxidation of alcohols by dimethyldioxirane. <i>Russian Chemical Bulletin</i> , 2000, 49, 1332-1337.	1.5	2

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55	The kinetic regularities, products, and mechanism of the thermal decomposition of dimethyldioxirane. The contribution of molecular and radical reaction channels. Russian Chemical Bulletin, 2000, 49, 1338-1348.	1.5	6
56	The formation of nitroxyl radicals in reactions of dimethyldioxirane with 2,2,6,6-tetramethylpiperidine and 2,2,5,5-tetramethyl-3-imidazoline-3-oxide derivatives. Russian Chemical Bulletin, 1998, 47, 2419-2421.	1.5	2
57	The ratio of the rate constants for H atom abstraction and $\hat{1}^2$ -cleavage for bis-oxyisopropylidene biradical. Russian Chemical Bulletin, 1998, 47, 1284-1286.	1.5	0
58	Chemiluminescence in the reaction of dimethyldioxirane with quaternary ammonium salts. Russian Chemical Bulletin, 1998, 47, 1414-1415.	1.5	0
59	Kinetics of thermal decomposition of dimethyldioxirane in oxygen atmosphere. Reaction Kinetics and Catalysis Letters, 1997, 62, 179-183.	0.6	3
60	Kinetics of dimethyldioxirane decomposition in the presence of cumene. Reaction Kinetics and Catalysis Letters, 1997, 60, 131-135.	0.6	3