Stanislav A Grabovskiy

List of Publications by Year
in descending order

60	316	933447 10	996975 15
papers	citations	h-index	g-index

61	61	61	217
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Base-Promoted Reaction of 5-Hydroxyuracil Derivatives with Peroxyl Radicals. Organic Letters, 2010, 12, 4130-4133.	4.6	29
2	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
3	Kinetic and Product Studies of the Reaction of Triorganosilanes with Dimethyldioxirane. Organometallics, 2002, 21, 3506-3510.	2.3	15
4	5-Substituted Uracil Derivatives as Scavengers of Peroxyl Radicals. Current Organic Chemistry, 2012, 16, 2389-2393.	1.6	15
5	5-Aminouracil as Effective Inhibitor of Peroxyl Radicals. Experimental and Theoretical Studies. Current Organic Chemistry, 2012, 16, 1447-1452.	1.6	14
6	Reactivity of Cross-Conjugated Enynones in Cyclocondensations with Hydrazines: Synthesis of Pyrazoles and Pyrazolines. Journal of Organic Chemistry, 2021, 86, 7229-7241.	3.2	14
7	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
8	Oxidation of some cage hydrocarbons by dioxiranes. Nature of the transition structure for the reaction of Câ€“H bonds with dimethyldioxirane: a comparison of B3PW91 density functional theory with experiment. Organic and Biomolecular Chemistry, 2007, 5, 2302-2310.	2.8	12
9	5-Hydroxy-6-methyluracil, an Efficient Scavenger of Peroxyl Radical in Water. Current Organic Chemistry, 2009, 13, 1733-1736.	1.6	12
10	Pro- and antioxidant properties of uracil derivatives. Russian Chemical Bulletin, 2019, 68, 946-954.	1.5	12
11	Oxidation of ethers with dimethyldioxirane. Russian Chemical Bulletin, 2005, 54, 2384-2393.	1.5	10
12	5-Hydroxy-6-methyluracil as an efficient scavenger of peroxy radicals. Russian Chemical Bulletin, 2008, 57, 2265-2270.	1.5	10
13	Synthesis and In Vitro Anticancer Activity of 6-Ferrocenylpyrimidin-4(3H)-one Derivatives. Current Organic Synthesis, 2019, 16, 160-164.	1.3	9
14	Epoxidation of Polyunsaturated Fatty Acid Double Bonds by Dioxirane Reagent: Regioselectivity and Lipid Supramolecular Organization. Helvetica Chimica Acta, 2006, 89, 2243-2253.	1.6	8
15	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
16	Synthesis and thermal decomposition of hydrotrioxide obtained by ozonization of exo-bicyclo[2.2.1]heptan-2-ol. Russian Chemical Bulletin, 2007, 56, 271-275.	1.5	7
17	Separation of cis/trans geometrical fatty acid isomers by silver-exchanged zeolite Y. Tetrahedron, 2010, 66, 2203-2209.	1.9	7
18	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

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19	Complex formation between 5-aminoorotic acid and copper(II) ions in dimethylsulfoxide solution. Russian Journal of General Chemistry, 2015, 85, 1686-1691.	0.8	6
20	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
21	The role of oxygen in the reaction of ferrocene with benzoyl peroxide. Russian Journal of General Chemistry, 2015, 85, 123-125.	0.8	5
22	Alkene hydrogenation over palladium supported on a carbonâ€“silica material. Kinetics and Catalysis, 2016, 57, 586-591.	1.0	5
23	Heterogeneous Palladium Catalysts in the Hydrogenation of the Carbon-carbon Double Bond. Current Organic Chemistry, 2021, 25, 315-329.	1.6	5
24	The role of free radicals in the reaction of dimethyldioxirane with adamantane. Kinetics and Catalysis, 2004, 45, 809-812.	1.0	4
25	Activation of molecular oxygen on copper(II) complexes of 5-hydroxy and 5-aminoorotic acids. Russian Journal of General Chemistry, 2017, 87, 1542-1546.	0.8	4
26	Kinetics of thermal decomposition of dimethyldioxirane in oxygen atmosphere. Reaction Kinetics and Catalysis Letters, 1997, 62, 179-183.	0.6	3
27	Kinetics of dimethyldioxirane decomposition in the presence of cumene. Reaction Kinetics and Catalysis Letters, 1997, 60, 131-135.	0.6	3
28	Oxidation of alcohols by chlorine dioxide in organic solvents. Russian Chemical Bulletin, 2008, 57, 2328-2331.	1.5	3
29	A new synthesis of 5-hydroxy-6-methyluracil. Tetrahedron Letters, 2012, 53, 6025-6028.	1.4	3
30	Complex formation of 5-hydroxyorotic acid with copper(II) ions in water solutions. Russian Journal of General Chemistry, 2012, 82, 736-738.	0.8	3
31	Products of ozone oxidation of some saturated cyclic hydrocarbons. Russian Journal of Organic Chemistry, 2015, 51, 1710-1716.	0.8	3
32	Complexes of palladium(II) and platinum(II) with 6-tert-butyl-2-thiouracil. Russian Journal of General Chemistry, 2017, 87, 117-121.	0.8	3
33	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
34	The Quantum Yield of Singlet Oxygen in Thermal Degradation of Alcohol Hydrotrioxides. High Energy Chemistry, 2018, 52, 446-448.	0.9	3
35	Reactivity of 5â€aminouracil derivatives towards peroxyl radicals. Journal of Physical Organic Chemistry, 2020, 33, e4065.	1.9	3
36	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

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37	Oxidation of alcohols by dimethyldioxirane. Russian Chemical Bulletin, 2000, 49, 1332-1337.	1.5	2
38	Oxidation of valeraldehyde by chlorine dioxide. Russian Chemical Bulletin, 2008, 57, 2332-2334.	1.5	2
39	Kinetics of the thermal decomposition of 1,2-dioxaspiro[2,5]octane. Kinetics and Catalysis, 2009, 50, 180-185.	1.0	2
40	Interaction of diacylated ethylenediamine with hydrochloric acid. Russian Chemical Bulletin, 2015, 64, 375-378.	1.5	2
41	6-Amino-5-hydroxy-2,3-dimethylpyrimidin-4(3H)-one as an efficient inhibitor of free radical oxidation. Mendeleev Communications, 2019, 29, 414-416.	1.6	2
42	Kinetics of oxidation of fullerene C60with dimethyldioxirane. Russian Chemical Bulletin, 2004, 53, 800-802.	1.5	1
43	Mechanism of One-Electron Reactions of Copper(I) Chloride Complexes with Chlorohydrocarbons. Kinetics and Catalysis, 2005, 46, 52-55.	1.0	1
44	Products, kinetic regularities, and mechanism of thermal decomposition of ethyl(methyl)dioxirane. Russian Chemical Bulletin, 2006, 55, 1780-1787.	1.5	1
45	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
46	Decomposition of Benzoyl Peroxide in the Presence of Ferrocene. Russian Journal of General Chemistry, 2019, 89, 1560-1563.	0.8	1
47	CuCl2-Mediated Hydroxylation of 2,3-Dimethyl-5-hydroxy-6-aminopyrimidine-4(3H)-one with Molecular Oxygen in Aqueous and Non-Aqueous Solutions. Russian Journal of General Chemistry, 2019, 89, 405-408.	0.8	1
48	Formation of Singlet Oxygen during Thermal Degradation of Hydrotrioxides of Triorganosilanes. High Energy Chemistry, 2019, 53, 435-437.	0.9	1
49	Complexation of 2,3-Dimethyl-5-hydroxy-6-aminopyrimidin-4(3H)-one with Copper(II) Ions in Nonaqueous Solutions. Russian Journal of General Chemistry, 2019, 89, 2052-2056.	0.8	1
50	Inhibiting Effect of 4-Hydroxy-2,5-Dimethylfuran-3-one on the Radical Chain Oxidation of Styrene. Kinetics and Catalysis, 2021, 62, 43-48.	1.0	1
51	Synergistic Effect for a Mixture of 3-Butyl-5-Amino-6-Methyluracil and Butylated Hydroxytoluene during Inhibited Styrene Autoxidation. Kinetics and Catalysis, 2020, 61, 369-373.	1.0	1
52	The Impact of 5-Substituted Uracil Derivatives on Immortalized Embryo Lung Cells. Letters in Drug Design and Discovery, 2017, 14, .	0.7	1
53	Oxidation of Triorganosilanes and Related Compounds by Chlorine Dioxide. Russian Journal of General Chemistry, 2021, 91, 2391-2402.	0.8	1
54	The ratio of the rate constants for H atom abstraction and Î²-cleavage for bis-oxyisopropylidene biradical. Russian Chemical Bulletin, 1998, 47, 1284-1286.	1.5	0

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55	Chemiluminescence in the reaction of dimethyldioxirane with quaternary ammonium salts. Russian Chemical Bulletin, 1998, 47, 1414-1415.	1.5	0
56	Thermolysis of 2-[4-(chloro-tert-butyl)phenyl]propan-2-yl hydroperoxide: Kinetics and mechanism. Petroleum Chemistry, 2007, 47, 354-358.	1.4	0
57	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
58	Synthesis and kinetic regularities of the thermal decomposition of new hydrotrioxides of cyclic alcohols. Russian Chemical Bulletin, 2016, 65, 464-468.	1.5	0
59	Synthesis and Structure of Chloro Complex of Palladium(II) with {[6-Amino-2-(butylsulfanyl)pyrimidin-4-yl]oxy}acetic Acid. Russian Journal of General Chemistry, 2019, 89, 1808-1815.	0.8	0
60	Thermal Stability of Cyclododecylidene-1,1-bishydroperoxide in the Presence of Ferrocene. Russian Journal of General Chemistry, 2020, 90, 2029-2031.	0.8	0