

Konstantin P Volcho

List of Publications by Year in Descending Order

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Version: 2024-04-23

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

205
papers

2,272
citations

24
h-index

32
g-index

244
ext. papers

2,675
ext. citations

2.6
avg, IF

4.92
L-index

#	Paper	IF	Citations
205	On an association between fear-induced aggression and striatal-enriched protein tyrosine phosphatase (STEP) in the brain of Norway rats.. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 147, 112667	7.5	0
204	MPTP-Treated Zebrafish Recapitulate 'Late-Stage' Parkinson's-like Cognitive Decline.. <i>Toxics</i> , 2022 , 10,	4.7	2
203	Adamantane-Monoterpenoid Conjugates Linked via Heterocyclic Linkers Enhance the Cytotoxic Effect of Topotecan. <i>Molecules</i> , 2022 , 27, 3374	4.8	1
202	Clays catalyzed cascade Prins and Prins-Friedel-Crafts reactions for synthesis of terpenoid-derived polycyclic compounds. <i>Applied Catalysis A: General</i> , 2021 , 629, 118395	5.1	1
201	Catalytic synthesis of terpenoid-derived hexahydro-2H-chromenes with analgesic activity over halloysite nanotubes. <i>Applied Catalysis A: General</i> , 2021 , 618, 118144	5.1	1
200	Novel Tdp1 Inhibitors Based on Adamantane Connected with Monoterpene Moieties via Heterocyclic Fragments. <i>Molecules</i> , 2021 , 26,	4.8	7
199	A New Approach to the Synthesis of Diethyl 2,3-Diisobutylsuccinate, a Component of TitaniumMagnesium Catalysts for Propylene Polymerization. <i>Russian Journal of Applied Chemistry</i> , 2021 , 94, 715-725	0.8	
198	New Hybrid Compounds Combining Fragments of Usnic Acid and Monoterpenoids for Effective Tyrosyl-DNA Phosphodiesterase 1 Inhibition. <i>Biomolecules</i> , 2021 , 11,	5.9	6
197	Influenza antiviral activity of F- and OH-containing isopulegol-derived octahydro-2H-chromenes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021 , 31, 127677	2.9	3
196	Deoxycholic acid as a molecular scaffold for tyrosyl-DNA phosphodiesterase 1 inhibition: A synthesis, structure-activity relationship and molecular modeling study. <i>Steroids</i> , 2021 , 165, 108771	2.8	11
195	Discovery of Novel Sultone Fused Berberine Derivatives as Promising Tdp1 Inhibitors. <i>Molecules</i> , 2021 , 26,	4.8	5
194	Ambiguous Effects of Prolonged Dietary Supplementation with a Striatal-Enriched Protein Tyrosine Phosphatase Inhibitor, TC-2153, on a Rat Model of Sporadic Alzheimer's Disease. <i>Neurochemical Journal</i> , 2021 , 15, 292-301	0.5	1
193	Functional supramolecular systems: design and applications. <i>Russian Chemical Reviews</i> , 2021 , 90, 895-1107	6.8	15
192	Azaadamantanes, a New Promising Scaffold for Medical Chemistry.. <i>Russian Journal of Bioorganic Chemistry</i> , 2021 , 47, 1133-1154	1	0
191	New Deoxycholic Acid Derived Tyrosyl-DNA Phosphodiesterase 1 Inhibitors Also Inhibit Tyrosyl-DNA Phosphodiesterase 2.. <i>Molecules</i> , 2021 , 27,	4.8	4
190	New type of anti-influenza agents based on benzo[d][1,3]dithiol core. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 127653	2.9	
189	Synthesis of isobenzofuran derivatives from renewable 2-carene over halloysite nanotubes. <i>Molecular Catalysis</i> , 2020 , 490, 110974	3.3	6

188	Stereoselectivity Inversion by Water Addition in the BO_3H -catalyzed Tandem Prins-Ritter Reaction for Synthesis of 4-amidotetrahydropyran Derivatives. <i>ChemCatChem</i> , 2020 , 12, 2605-2609	5.2	7
187	Catalytic synthesis of bioactive 2H-chromene alcohols from (1S)-isopulegol and acetone on sulfonated clays. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2020 , 129, 627-644	1.6	4
186	Synthesis and analgesic activity of aliphatic ketones-derived chiral hexahydro-2H-chromenes. <i>Medicinal Chemistry Research</i> , 2020 , 29, 738-747	2.2	2
185	Monoterpenoid Oximes Hydrogenation Over Platinum Catalysts. <i>Topics in Catalysis</i> , 2020 , 63, 187-195	2.3	1
184	Conjugates of Bispidine and Monoterpenoids as Ligands of Metal Complex Catalysts for the Henry Reaction. <i>Russian Journal of Organic Chemistry</i> , 2020 , 56, 1969-1981	0.7	2
183	Preparation of chiral izobenzofuranes based on 3-carene in the presence of halloysite nanocatalysts 2020 , 64, 426-430	0.2	
182	Identification of novel inhibitors for the tyrosyl-DNA-phosphodiesterase 1 (Tdp1) mutant SCAN1 using virtual screening. <i>Bioorganic and Medicinal Chemistry</i> , 2020 , 28, 115234	3.4	7
181	The First Berberine-Based Inhibitors of Tyrosyl-DNA Phosphodiesterase 1 (Tdp1), an Important DNA Repair Enzyme. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	10
180	New chemical agents based on adamantane-monoterpene conjugates against orthopoxvirus infections. <i>RSC Medicinal Chemistry</i> , 2020 , 11, 1185-1195	3.5	6
179	Design, Synthesis, and Biological Investigation of Novel Classes of 3-Carene-Derived Potent Inhibitors of TDP1. <i>Molecules</i> , 2020 , 25,	4.8	13
178	Alterations of STEP46 and STEP61 Expression in the Rat Retina with Age and AMD-Like Retinopathy Development. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
177	Menthylamine synthesis via gold-catalyzed hydrogenation of menthone oxime. <i>Applied Catalysis A: General</i> , 2020 , 605, 117799	5.1	1
176	Synthesis of Fluorinated Octahydro-2H-Chromenes in the Presence of the $\text{BF}_3 \cdot \text{Et}_2\text{O} / \text{H}_2\text{O}$ Catalytic System. <i>Chemistry of Heterocyclic Compounds</i> , 2020 , 56, 867-874	1.4	1
175	Synthesis of 1,3-Oxazine Derivatives Based on (1S)-isopulegol using the Ritter Reaction and Study of their Analgesic Activity. <i>Chemistry of Heterocyclic Compounds</i> , 2020 , 56, 936-941	1.4	3
174	One-Pot Myrtenol Amination over Au, AuPd and Pd Nanoparticles Supported on Alumina. <i>Catalysis Letters</i> , 2019 , 149, 3454-3464	2.8	2
173	New Hydrazinothiazole Derivatives of Usnic Acid as Potent Tdp1 Inhibitors. <i>Molecules</i> , 2019 , 24,	4.8	23
172	Tdp1 Inhibition as a Promising Approach to New Anticancer Drugs. <i>Proceedings (mdpi)</i> , 2019 , 22, 35	0.3	1
171	A Novel Small Molecule Supports the Survival of Cultured Dopamine Neurons and May Restore the Dopaminergic Innervation of the Brain in the MPTP Mouse Model of Parkinson's Disease. <i>ACS Chemical Neuroscience</i> , 2019 , 10, 4337-4349	5.7	5

170	Prins cyclization of (-)-isopulegol with benzaldehyde for production of chromenols over organosulfonic clays. <i>Molecular Catalysis</i> , 2019 , 478, 110569	3.3	5
169	Highly selective Prins reaction over acid-modified halloysite nanotubes for synthesis of isopulegol-derived 2H-chromene compounds. <i>Journal of Catalysis</i> , 2019 , 374, 360-377	7.3	19
168	Synthesis and analgesic activity of octahydro-2H-chromenols, derivatives of aliphatic ketones. <i>Russian Chemical Bulletin</i> , 2019 , 68, 1061-1066	1.7	3
167	Antimicrobial Activity of Substituted Benzopentathiepin-6-amines. <i>Journal of Antibiotics</i> , 2019 , 72, 590-599	3.7	1
166	Synthesis of diazaadamantanes from 1,5-dimethylbispidinone and some natural ketones. <i>Russian Chemical Bulletin</i> , 2019 , 68, 601-605	1.7	4
165	Aldol Condensation of Cyclopentanone with Valeraldehyde Over Metal Oxides. <i>Catalysis Letters</i> , 2019 , 149, 1383-1395	2.8	8
164	The Development of Tyrosyl-DNA Phosphodiesterase 1 Inhibitors. Combination of Monoterpene and Adamantine Moieties via Amide or Thioamide Bridges. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 2767	2.6	14
163	Clay nanotubes catalyzed solvent-free synthesis of octahydro-2H-chromenols with pharmaceutical potential from (-)-isopulegol and ketones. <i>Journal of Catalysis</i> , 2019 , 380, 145-152	7.3	14
162	Comparison of dried matrix spots and fabric phase sorptive extraction methods for quantification of highly potent analgesic activity agent (2R,4aR,7R,8aR)-4,7-dimethyl-2-(thiophen-2-yl)octahydro-2H-chromen-4-ol in rat whole blood and plasma using LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019 , 1517, 151-157	3.2	1
161	Neuroregeneration in Parkinson's Disease: From Proteins to Small Molecules. <i>Current Neuropharmacology</i> , 2019 , 17, 268-287	7.6	18
160	The Development of Tyrosyl-DNA Phosphodiesterase 1 (TDP1) Inhibitors Based on the Amines Combining Aromatic/Heteroaromatic and Monoterpenoid Moieties. <i>Letters in Drug Design and Discovery</i> , 2019 , 16, 597-605	0.8	8
159	Effects of Acute and Chronic Treatment of Novel Psychotropic Drug, 8- (Trifluoromethyl)-1, 2, 3, 4, 5-benzopentathiepin-6-amine Hydrochloride (TC-2153), on the Behavior of Zebrafish (<i>Danio Rerio</i>): A Comparison with Fluoxetine. <i>Letters in Drug Design and Discovery</i> , 2019 , 16, 1321-1328	0.8	4
158	Novel Inhibitors of DNA Repair Enzyme TDP1 Combining Monoterpenoid and Adamantane Fragments. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019 , 19, 463-472	2.2	14
157	Recent Developments in the Catalytic Asymmetric Sulfoxidation Reactions. <i>Green Chemistry and Sustainable Technology</i> , 2019 , 93-112	1.1	
156	Effect of chiral polyhydrochromenes on cannabinoid system. <i>Medicinal Chemistry Research</i> , 2019 , 28, 450-464	2.2	5
155	Promising New Inhibitors of Tyrosyl-DNA Phosphodiesterase I (Tdp 1) Combining 4-Arylcoumarin and Monoterpenoid Moieties as Components of Complex Antitumor Therapy. <i>International Journal of Molecular Sciences</i> , 2019 , 21,	6.3	19
154	Effective Inhibitors of Tyrosyl-DNA Phosphodiesterase 1 Based on Monoterpenoids as Potential Agents for Antitumor Therapy. <i>Russian Journal of Bioorganic Chemistry</i> , 2019 , 45, 647-655	1	8
153	Novel tyrosyl-DNA phosphodiesterase 1 inhibitors enhance the therapeutic impact of topotecan on in vivo tumor models. <i>European Journal of Medicinal Chemistry</i> , 2019 , 161, 581-593	6.8	35

152	One-pot monoterpene alcohol amination over Au/ZrO ₂ catalyst: Effect of the substrate structure. <i>Journal of Catalysis</i> , 2018 , 360, 127-134	7.3	15
151	Aminoadamantanes containing monoterpene-derived fragments as potent tyrosyl-DNA phosphodiesterase 1 inhibitors. <i>Bioorganic Chemistry</i> , 2018 , 76, 392-399	5.1	30
150	Synthesis of oxygen-containing heterocyclic compounds based on monoterpenoids. <i>Russian Chemical Reviews</i> , 2018 , 87, 771-796	6.8	22
149	Highly selective reduction of nitroarenes by sc-isopropanol in the presence of zirconia in a flow reactor. <i>Journal of Supercritical Fluids</i> , 2018 , 140, 233-237	4.2	1
148	Synthesis and evaluation of aryliden- and hetarylidenfuranone derivatives of usnic acid as highly potent Tdp1 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2018 , 26, 4470-4480	3.4	20
147	Synthesis and Inhibitory Properties of Imines Containing Monoterpenoid and Adamantane Fragments Against DNA Repair Enzyme Tyrosyl-DNA Phosphodiesterase 1 (Tdp1). <i>Chemistry of Natural Compounds</i> , 2018 , 54, 672-676	0.7	3
146	Novel Semisynthetic Derivatives of Bile Acids as Effective Tyrosyl-DNA Phosphodiesterase 1 Inhibitors. <i>Molecules</i> , 2018 , 23,	4.8	21
145	Acid-modified Halloysite Nanotubes as a Stereoselective Catalyst for Synthesis of 2H-Chromene Derivatives by the Reaction of Isopulegol with Aldehydes. <i>ChemCatChem</i> , 2018 , 10, 3950-3954	5.2	14
144	Highly potent activity of isopulegol-derived substituted octahydro-2H-chromen-4-ols against influenza A and B viruses. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018 , 28, 2061-2067	2.9	25
143	Preparation of octahydro-2 H -chromen-4-ol with analgesic activity from isopulegol and thiophene-2-carbaldehyde in the presence of acid-modified clays. <i>Molecular Catalysis</i> , 2018 , 453, 139-148	3.3	17
142	Application of Monoterpenoids and their Derivatives for Treatment of Neurodegenerative Disorders. <i>Current Medicinal Chemistry</i> , 2018 , 25, 5327-5346	4.3	7
141	Catalytic myrtenol amination over gold, supported on alumina doped with ceria and zirconia. <i>Catalysis for Sustainable Energy</i> , 2018 , 5, 49-58	0.6	2
140	Molecular and Supramolecular Structure of 8-(Trifluoromethyl)Benzo[f][1,2,3,4,5]Pentathiepin-6-Amine [A Representative of Condensed Arene Pentathiepines. <i>Journal of Structural Chemistry</i> , 2018 , 59, 1753-1758	0.9	
139	A Novel Class of Tyrosyl-DNA Phosphodiesterase 1 Inhibitors That Contains the Octahydro-2-chromen-4-ol Scaffold. <i>Molecules</i> , 2018 , 23,	4.8	24
138	Inhibitor of Striatal-Enriched Protein Tyrosine Phosphatase, 8-(Trifluoromethyl)-1,2,3,4,5-Benzopentathiepin-6-Amine hydrochloride (TC-2153), Produces Antidepressant-Like Effect and Decreases Functional Activity and Protein Level of 5-HT Receptor in the Brain. <i>Neuroscience</i> , 2018 , 394, 220-231	3.9	13
137	Preparation of chiral isobenzofurans from 3-carene in the presence of modified clays. <i>Molecular Catalysis</i> , 2018 , 459, 38-45	3.3	5
136	Two-step synthesis of monoterpene dioxinols exhibiting analgesic activity from isopulegol and benzaldehyde over heterogeneous catalysts. <i>Catalysis Today</i> , 2017 , 279, 56-62	5.3	8
135	Promoting effect of alcohols and formic acid on Au-catalyzed one-pot myrtenol amination. <i>Molecular Catalysis</i> , 2017 , 433, 414-419	3.3	13

134	Monoterpenes as a renewable source of biologically active compounds. <i>Pure and Applied Chemistry</i> , 2017 , 89, 1105-1117	2.1	54
133	Influenza Antiviral Activity of Br-Containing [2R,4R(S),4aR,7R,8aR]-4,7-Dimethyl-2-(Thiophen-2-yl)Octahydro-2H-Chromen-4-Ols Prepared from (R)-Hisopulegol. <i>Chemistry of Natural Compounds</i> , 2017 , 53, 260-264	0.7	15
132	Anti-influenza activity of monoterpene-containing substituted coumarins. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 2920-2925	2.9	15
131	Synthesis and analgesic activity of monoterpene-derived alkyl-substituted chiral hexahydro-2H-chromenes. <i>Medicinal Chemistry Research</i> , 2017 , 26, 1415-1426	2.2	7
130	Cytotoxic and cancer preventive activity of benzotrithioles and benzotrithiole oxides, synthetic analogues of varacins. <i>Medicinal Chemistry Research</i> , 2017 , 26, 397-404	2.2	5
129	Anti-influenza activity of diazaadamantanes combined with monoterpene moieties. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 4531-4535	2.9	11
128	Synthesis and Analgesic Activity of 4,7-Dimethyl-3,4,4a,5,8,8a-Hexahydro-2-Chromen-4,8-Diols Containing Alkyl-Substituted Aromatic Moieties. <i>Chemistry of Natural Compounds</i> , 2017 , 53, 1066-1071	0.7	1
127	Synthesis and Analgesic Activity of 5,7- and 6-Substituted Diazaadamantanes Containing Monoterpene Moieties. <i>Chemistry of Natural Compounds</i> , 2017 , 53, 1131-1136	0.7	1
126	Selectivity control in one-pot myrtenol amination over Au/ZrO ₂ by molecular hydrogen addition. <i>Journal of Molecular Catalysis A</i> , 2017 , 426, 60-67		11
125	Gold catalyzed one-pot myrtenol amination: Effect of catalyst redox activation. <i>Catalysis Today</i> , 2017 , 279, 63-70	5.3	10
124	The Decisive Role of Mutual Arrangement of Hydroxy and Methoxy Groups in (3(4)-hydroxy-4(3)-methoxyphenyl)-4,7-dimethyl-3,4,4a,5,8,8ahexahydro- 2H-chromene-4,8-diols in their Biological Activity. <i>Letters in Drug Design and Discovery</i> , 2017 , 14, 508-514	0.8	6
123	Benzopentathiepine Derivative, 8-(Trifluoromethyl)-1,2,3,4,5-Benzopentathiepin- 6-Amine Hydrochloride (TC-2153), as a Promising Antidepressant of New Generation. <i>Letters in Drug Design and Discovery</i> , 2017 , 14,	0.8	13
122	Synthesis and Analgesic Activity of Amines Combining Diazaadamantane and Monoterpene Fragments. <i>Medicinal Chemistry</i> , 2017 , 13, 773-779	1.8	3
121	Evolution of anti-parkinsonian activity of monoterpene (1R,2R,6S)-3-methyl-6-(prop-1-en-2-yl)cyclohex-3-ene-1,2-diol in various in vivo models. <i>European Journal of Pharmacology</i> , 2017 , 815, 351-363	5.3	5
120	Anti-influenza activity of monoterpene-derived substituted hexahydro-2H-chromenes. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 5158-5161	3.4	26
119	Synthesis and Analgesic Activity of 4,7-Dimethyl-3,4,4a,5,8,8a-Hexahydro-2H-Chromen-4,8-Diols Containing Thiophene Substituents. <i>Chemistry of Natural Compounds</i> , 2016 , 52, 813-820	0.7	5
118	Unprecedented Selective Heterogeneously Catalysed Green Oxidation of Betulin to Biologically Active Compounds using Synthetic Air and Supported Ru Catalysts. <i>ChemistrySelect</i> , 2016 , 1, 3866-3869	1.8	4
117	New inhibitors of tyrosyl-DNA phosphodiesterase I (Tdp 1) combining 7-hydroxycoumarin and monoterpene moieties. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 5573-5581	3.4	46

116	Effect of acid modification of kaolin and metakaolin on Brønsted acidity and catalytic properties in the synthesis of octahydro-2H-chromen-4-ol from vanillin and isopulegol. <i>Journal of Molecular Catalysis A</i> , 2016 , 414, 160-166		24
115	Unusual transformations of aliphatic nitro compounds in a flow reactor in high-pressure isopropanol on alumina. Part 2. Formation of esters. <i>Journal of Supercritical Fluids</i> , 2016 , 107, 179-181	4.2	3
114	A practical way to synthesize chiral fluoro-containing polyhydro-2H-chromenes from monoterpenoids. <i>Beilstein Journal of Organic Chemistry</i> , 2016 , 12, 648-53	2.5	10
113	The Convenient Way for Obtaining Geranial by Acid-Catalyzed Kinetic Resolution of Citral. <i>Helvetica Chimica Acta</i> , 2016 , 99, 373-377	2	3
112	Selective one-pot carvone oxime hydrogenation over titania supported gold catalyst as a novel approach for dihydrocarvone synthesis. <i>Journal of Molecular Catalysis A</i> , 2016 , 420, 142-148		9
111	Discovery of highly potent analgesic activity of isopulegol-derived (2R,4aR,7R,8aR)-4,7-dimethyl-2-(thiophen-2-yl)octahydro-2H-chromen-4-ol. <i>Medicinal Chemistry Research</i> , 2016 , 25, 1369-1383	2.2	31
110	Unique shortening of carbon chain during reduction of aliphatic nitro compounds to amines in the presence of supercritical isopropanol on alumina. <i>Journal of Supercritical Fluids</i> , 2015 , 103, 101-104	4.2	3
109	Synthesis and Cytotoxic Activity of Aza-Michael Reaction Products from Ethyl Sorbate and Heterocyclic Amines. <i>Chemistry of Natural Compounds</i> , 2015 , 51, 296-301	0.7	2
108	The short way to chiral compounds with hexahydrofluoreno[9,1-bc]furan framework: synthesis and cytotoxic activity. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 1472-80	3.4	7
107	Synthesis and biological evaluation of novel tyrosyl-DNA phosphodiesterase 1 inhibitors with a benzopentathiepine moiety. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 2044-52	3.4	58
106	Synthesis and analgesic activity of stereoisomers of 2-(3(4)-hydroxy-4(3)-methoxyphenyl)-4,7-dimethyl-3,4,4a,5,8,8a-hexahydro-2H-chromene-4,8-diols. <i>Medicinal Chemistry Research</i> , 2015 , 24, 3821-3830	2.2	15
105	Prins cyclization: Synthesis of compounds with tetrahydropyran moiety over heterogeneous catalysts. <i>Journal of Molecular Catalysis A</i> , 2015 , 410, 260-270		35
104	A synthesis, in silico, in vitro and in vivo study of thieno[2,3-b]pyridine anticancer analogues. <i>MedChemComm</i> , 2015 , 6, 1987-1997	5	33
103	Effect of structure and acidity of acid modified clay materials on synthesis of octahydro-2H-chromen-4-ol from vanillin and isopulegol. <i>Catalysis Communications</i> , 2015 , 69, 234-238	3.2	16
102	Synthesis and analgesic activity of new compounds combining azaadamantane and monoterpene moieties. <i>Medicinal Chemistry Research</i> , 2015 , 24, 4146-4156	2.2	18
101	Isomerization of verbenol oxide to a diol with para-menthane structure exhibiting anti-Parkinson activity. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2015 , 116, 299-314	1.6	3
100	Synthesis of octahydro-2H-chromen-4-ol from vanillin and isopulegol over acid modified montmorillonite clays: Effect of acidity on the Prins cyclization. <i>Journal of Molecular Catalysis A</i> , 2015 , 398, 26-34		31
99	Heterogeneous catalysis for transformation of biomass derived compounds beyond fuels: Synthesis of monoterpene dioxinols with analgesic activity. <i>Journal of Molecular Catalysis A</i> , 2015 , 397, 48-55		14

98	Selective carvone hydrogenation to dihydrocarvone over titania supported gold catalyst. <i>Catalysis Today</i> , 2015 , 241, 189-194	5.3	13
97	Synthesis and cytotoxic activity of substituted hexahydro-2H-4,6-(epoxymethano)chromen-8(5H)-ones obtained from (–)-liverbenone. <i>Russian Chemical Bulletin</i> , 2015 , 64, 2257-2260	1.7	1
96	The First Synthesis of (4S,5R,6R)-5,6-Dihydroxy-4-(prop-1-en-2-yl)cyclohex-1-ene-1-carboxylic Acid. <i>Helvetica Chimica Acta</i> , 2015 , 98, 1442-1455	2	4
95	Effect of Acute Administration of 8-(Trifluoromethyl)-1,2,3,4,5-benzopentathiepin-6-amine Hydrochloride (TC-2153) on Biogenic Amines Metabolism in Mouse Brain. <i>Letters in Drug Design and Discovery</i> , 2015 , 12, 833-836	0.8	6
94	Compounds Combining Aminoadamantane and Monoterpene Moieties: Cytotoxicity and Mutagenic Effects. <i>Medicinal Chemistry</i> , 2015 , 11, 629-35	1.8	8
93	Synthesis of 10-Carbonyl and 10-Carboxylic Derivatives of para-Mentha-1,8-Diene-5,6-Diol. <i>Chemistry of Natural Compounds</i> , 2015 , 51, 483-487	0.7	1
92	Effect of acidity and texture of micro-, mesoporous and hybrid micromesoporous materials on the synthesis of paramenthanic diol exhibiting anti-Parkinson activity 2015 , 1, 146-154		5
91	Reduction of nitrotoluenes in supercritical isopropanol over Al ₂ O ₃ in a flow reactor. <i>Russian Journal of Physical Chemistry A</i> , 2015 , 89, 202-206	0.7	4
90	Synthesis and analgesic activity of monoterpene-derived 2-aryl-4,4,7-trimethyl-4a,5,8,8a-tetrahydro-4H-benzo[d][1,3]dioxin-8-ols. <i>Medicinal Chemistry Research</i> , 2014 , 23, 1709-1717	2.2	13
89	Rearrangement of α -pinene oxide to campholenic aldehyde over the trimesate metal-organic frameworks MIL-100, MIL-110 and MIL-96. <i>Journal of Catalysis</i> , 2014 , 311, 114-120	7.3	33
88	Highly potent analgesic activity of monoterpene-derived (2S,4aR,8R,8aR)-2-aryl-4,7-dimethyl-3,4,4a,5,8,8a-hexahydro-2H-chromene-4,8-diols. <i>Medicinal Chemistry Research</i> , 2014 , 23, 5063-5073	2.2	22
87	Formation of the Compounds with an Epoxychromene Framework: Role of the Methoxy Groups. <i>Helvetica Chimica Acta</i> , 2014 , 97, 1406-1421	2	12
86	Synthesis of hydroxy derivatives of limonene. <i>Russian Chemical Reviews</i> , 2014 , 83, 281-298	6.8	7
85	Stepwise Selective Reduction of Polynitroarenes Using Isopropanol as a Source of Hydrogen in a Flow-Type Reactor in the Presence of Alumina. <i>Journal of Flow Chemistry</i> , 2014 , 4, 113-117	3.3	5
84	Effect of iron content on selectivity in isomerization of α -pinene oxide to campholenic aldehyde over Fe-MMM-2 and Fe-VSB-5. <i>Applied Catalysis A: General</i> , 2014 , 469, 427-433	5.1	27
83	Isomerization of bicyclic terpene epoxides into allylic alcohols without changing of the initial structure. <i>Journal of Molecular Catalysis A</i> , 2014 , 388-389, 162-166		15
82	Effect of 2-aminoadamantane derivatives on behavior of mice in a modified light/dark test. <i>Bulletin of Experimental Biology and Medicine</i> , 2014 , 158, 213-8	0.8	4
81	Environmentally Benign Transformations of Monoterpenes and Monoterpenoids in Supercritical Fluids 2014 , 69-87		2

80	Efficient reduction of nitroarenes using supercritical alcohols as a source of hydrogen in flow-type reactor in the presence of alumina. <i>Journal of Supercritical Fluids</i> , 2014 , 86, 137-144	4.2	11
79	One-pot myrtenol amination over Au nanoparticles supported on different metal oxides. <i>Applied Catalysis A: General</i> , 2013 , 464-465, 348-356	5.1	30
78	Synthesis and analgesic activity of new heterocyclic compounds derived from monoterpenoids. <i>Medicinal Chemistry Research</i> , 2013 , 22, 3026-3034	2.2	26
77	First synthesis of p-mentha-1,8-diene triol. <i>Russian Chemical Bulletin</i> , 2013 , 62, 171-174	1.7	4
76	Transformations of β and δ ionones in the presence of Al ₂ O ₃ in a supercritical solvent in a flow reactor. <i>Russian Journal of Physical Chemistry A</i> , 2013 , 87, 1940-1942	0.7	1
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70	Selective Preparation of α -Carveol over Ceria Supported Mesoporous Materials MCM-41 and SBA-15. <i>Materials</i> , 2013 , 6, 2103-2118	3.5	23
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