

# Konstantin P Volcho

## List of Publications by Citations

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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	Synthesis and biological evaluation of novel tyrosyl-DNA phosphodiesterase 1 inhibitors with a benzopentathiepine moiety. <i>Bioorganic and Medicinal Chemistry</i> , <b>2015</b> , 23, 2044-52	3.4	58
204	Monoterpenes as a renewable source of biologically active compounds. <i>Pure and Applied Chemistry</i> , <b>2017</b> , 89, 1105-1117	2.1	54
203	Asymmetric oxidation of sulfides catalyzed by titanium and vanadium complexes in the synthesis of biologically active sulfoxides. <i>Russian Chemical Reviews</i> , <b>2009</b> , 78, 457-464	6.8	49
202	Reactions of Allyl Alcohols of the Pinane Series and of Their Epoxides in the Presence of Montmorillonite Clay. <i>Helvetica Chimica Acta</i> , <b>2007</b> , 90, 353-368	2	49
201	Highly potent activity of (1R,2R,6S)-3-methyl-6-(prop-1-en-2-yl)cyclohex-3-ene-1,2-diol in animal models of Parkinson's disease. <i>Journal of Medicinal Chemistry</i> , <b>2011</b> , 54, 3866-74	8.3	47
200	New inhibitors of tyrosyl-DNA phosphodiesterase I (Tdp 1) combining 7-hydroxycoumarin and monoterpenoid moieties. <i>Bioorganic and Medicinal Chemistry</i> , <b>2016</b> , 24, 5573-5581	3.4	46
199	Prins cyclization: Synthesis of compounds with tetrahydropyran moiety over heterogeneous catalysts. <i>Journal of Molecular Catalysis A</i> , <b>2015</b> , 410, 260-270		35
198	Novel tyrosyl-DNA phosphodiesterase 1 inhibitors enhance the therapeutic impact of topotecan on in vivo tumor models. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 161, 581-593	6.8	35
197	A synthesis, in silico, in vitro and in vivo study of thieno[2,3-b]pyridine anticancer analogues. <i>MedChemComm</i> , <b>2015</b> , 6, 1987-1997	5	33
196	Rearrangement of pinene oxide to campholenic aldehyde over the trimesate metal-organic frameworks MIL-100, MIL-110 and MIL-96. <i>Journal of Catalysis</i> , <b>2014</b> , 311, 114-120	7.3	33
195	Acid-catalyzed transformations of pinane terpenoids. New prospects. <i>Russian Journal of Organic Chemistry</i> , <b>2008</b> , 44, 1-23	0.7	33
194	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> , <b>2015</b> , 398, 26-34		31
193	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> , <b>2016</b> , 25, 1369-1383	2.2	31
192	Aminoadamantanes containing monoterpene-derived fragments as potent tyrosyl-DNA phosphodiesterase 1 inhibitors. <i>Bioorganic Chemistry</i> , <b>2018</b> , 76, 392-399	5.1	30
191	One-pot myrtenol amination over Au nanoparticles supported on different metal oxides. <i>Applied Catalysis A: General</i> , <b>2013</b> , 464-465, 348-356	5.1	30
190	Metal Complexes in Asymmetric Oxidation of Sulfides. <i>Russian Journal of Organic Chemistry</i> , <b>2003</b> , 39, 1537-1552	0.7	30
189	New reactions of isoprenoid olefins with aldehydes promoted by Al <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> catalysts. <i>Tetrahedron</i> , <b>1998</b> , 54, 15619-15642	2.4	29

188	New chiral ligands from myrtenal and caryophyllene for asymmetric oxydation of sulfides catalyzed by metal complexes. <i>Russian Journal of Organic Chemistry</i> , <b>2006</b> , 42, 1653-1661	0.7	29
187	Effect of iron content on selectivity in isomerization of $\beta$ -pinene oxide to campholenic aldehyde over Fe-MMM-2 and Fe-VSB-5. <i>Applied Catalysis A: General</i> , <b>2014</b> , 469, 427-433	5.1	27
186	Competing Michael and Knoevenagel reactions of terpenoids with malononitrile on basic Cs-beta zeolite. <i>Journal of Molecular Catalysis A</i> , <b>2003</b> , 195, 263-274		27
185	Anti-influenza activity of monoterpene-derived substituted hexahydro-2H-chromenes. <i>Bioorganic and Medicinal Chemistry</i> , <b>2016</b> , 24, 5158-5161	3.4	26
184	Synthesis and analgesic activity of new heterocyclic compounds derived from monoterpenoids. <i>Medicinal Chemistry Research</i> , <b>2013</b> , 22, 3026-3034	2.2	26
183	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> , <b>2018</b> , 28, 2061-2067	2.9	25
182	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> , <b>2016</b> , 414, 160-166		24
181	Unusual $\beta$ -hydroxyaldehyde with a cyclopentane framework from verbenol epoxide. <i>Mendeleev Communications</i> , <b>2007</b> , 17, 303-305	1.9	24
180	A Novel Class of Tyrosyl-DNA Phosphodiesterase 1 Inhibitors That Contains the Octahydro-2-chromen-4-ol Scaffold. <i>Molecules</i> , <b>2018</b> , 23,	4.8	24
179	New Hydrazinothiazole Derivatives of Usnic Acid as Potent Tdp1 Inhibitors. <i>Molecules</i> , <b>2019</b> , 24,	4.8	23
178	Selective Preparation of $\beta$ -Carveol over Ceria Supported Mesoporous Materials MCM-41 and SBA-15. <i>Materials</i> , <b>2013</b> , 6, 2103-2118	3.5	23
177	Reactions of Verbenol Epoxide with Aromatic Aldehydes Containing Hydroxy or Methoxy Groups in the Presence of Montmorillonite Clay. <i>Helvetica Chimica Acta</i> , <b>2011</b> , 94, 502-513	2	23
176	Transformations of Terpenoids on Acidic Clays. <i>Mini-Reviews in Organic Chemistry</i> , <b>2008</b> , 5, 345-354	1.7	23
175	Synthesis of oxygen-containing heterocyclic compounds based on monoterpenoids. <i>Russian Chemical Reviews</i> , <b>2018</b> , 87, 771-796	6.8	22
174	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> , <b>2014</b> , 23, 5063-5073	2.2	22
173	Reactivity of $\beta$ -pinene epoxide in supercritical solvents. <i>Journal of Supercritical Fluids</i> , <b>2010</b> , 52, 71-75	4.2	22
172	New chiral Schiff bases derived from (+)- and (-)- $\beta$ -pinenes in the metal complex catalyzed asymmetric oxydation of sulfides. <i>Russian Chemical Bulletin</i> , <b>2008</b> , 57, 108-117	1.7	22
171	Novel Semisynthetic Derivatives of Bile Acids as Effective Tyrosyl-DNA Phosphodiesterase 1 Inhibitors. <i>Molecules</i> , <b>2018</b> , 23,	4.8	21

170	Synthesis and evaluation of aryliden- and hetarylidenfuranone derivatives of usnic acid as highly potent Tdp1 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , <b>2018</b> , 26, 4470-4480	3.4	20
169	Synthesis of Optically Active, Cyclic $\beta$ -Hydroxy Ketones and 1,2-Diketones from Verbenone Epoxide. <i>Helvetica Chimica Acta</i> , <b>2006</b> , 89, 507-514	2	20
168	Highly selective Prins reaction over acid-modified halloysite nanotubes for synthesis of isopulegol-derived 2H-chromene compounds. <i>Journal of Catalysis</i> , <b>2019</b> , 374, 360-377	7.3	19
167	Synthesis and anxiolytic activity of 2-aminoadamantane derivatives containing monoterpene fragments. <i>Pharmaceutical Chemistry Journal</i> , <b>2012</b> , 46, 263-265	0.9	19
166	A new synthetic varacin analogue, 8-(trifluoromethyl)-1,2,3,4,5-benzopentathiepin-6-amine hydrochloride (TC-2153), decreased hereditary catalepsy and increased the BDNF gene expression in the hippocampus in mice. <i>Psychopharmacology</i> , <b>2012</b> , 221, 469-78	4.7	19
165	Synthesis of new chiral schiff bases from (+)-3-carene and their use in asymmetric oxidation of sulfides catalyzed by metal complexes. <i>Russian Journal of Organic Chemistry</i> , <b>2009</b> , 45, 815-824	0.7	19
164	Synthesis of New Compounds Combining Adamantanamine and Monoterpene Fragments and their Antiviral Activity Against Influenza Virus A(H1N1)pdm09. <i>Letters in Drug Design and Discovery</i> , <b>2013</b> , 10, 477-485	0.8	19
163	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> , <b>2019</b> , 21,	6.3	19
162	Synthesis and analgesic activity of new compounds combining azaadamantane and monoterpene moieties. <i>Medicinal Chemistry Research</i> , <b>2015</b> , 24, 4146-4156	2.2	18
161	Neuroregeneration in Parkinson's Disease: From Proteins to Small Molecules. <i>Current Neuropharmacology</i> , <b>2019</b> , 17, 268-287	7.6	18
160	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> , <b>2018</b> , 453, 139-148	3.3	17
159	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> , <b>2015</b> , 69, 234-238	3.2	16
158	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 (S)-Isopulegol. <i>Chemistry of Natural Compounds</i> , <b>2017</b> , 53, 260-264	0.7	15
157	Anti-influenza activity of monoterpene-containing substituted coumarins. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2017</b> , 27, 2920-2925	2.9	15
156	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> , <b>2015</b> , 24, 3821-3830	2.2	15
155	One-pot monoterpene alcohol amination over Au/ZrO <sub>2</sub> catalyst: Effect of the substrate structure. <i>Journal of Catalysis</i> , <b>2018</b> , 360, 127-134	7.3	15
154	Isomerization of bicyclic terpene epoxides into allylic alcohols without changing of the initial structure. <i>Journal of Molecular Catalysis A</i> , <b>2014</b> , 388-389, 162-166		15
153	8-(Trifluoromethyl)-1,2,3,4,5-benzopentathiepin-6-amine: Novel Aminobenzopentathiepine having In Vivo Anticonvulsant and Anxiolytic Activities. <i>Letters in Drug Design and Discovery</i> , <b>2009</b> , 6, 464-467	0.8	15

152	Functional supramolecular systems: design and applications. <i>Russian Chemical Reviews</i> , <b>2021</b> , 90, 895-1107	15
151	Heterogeneous catalysis for transformation of biomass derived compounds beyond fuels: Synthesis of monoterpenoid dioxinols with analgesic activity. <i>Journal of Molecular Catalysis A</i> , <b>2015</b> , 397, 48-55	14
150	Acid-modified Halloysite Nanotubes as a Stereoselective Catalyst for Synthesis of 2H-Chromene Derivatives by the Reaction of Isopulegol with Aldehydes. <i>ChemCatChem</i> , <b>2018</b> , 10, 3950-3954	5.2 14
149	The Development of Tyrosyl-DNA Phosphodiesterase 1 Inhibitors. Combination of Monoterpene and Adamantine Moieties via Amide or Thioamide Bridges. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 2767	2.6 14
148	Clay nanotubes catalyzed solvent-free synthesis of octahydro-2H-chromenols with pharmaceutical potential from (-)-isopulegol and ketones. <i>Journal of Catalysis</i> , <b>2019</b> , 380, 145-152	7.3 14
147	Novel Inhibitors of DNA Repair Enzyme TDP1 Combining Monoterpenoid and Adamantane Fragments. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , <b>2019</b> , 19, 463-472	2.2 14
146	Promoting effect of alcohols and formic acid on Au-catalyzed one-pot myrtenol amination. <i>Molecular Catalysis</i> , <b>2017</b> , 433, 414-419	3.3 13
145	Selective carvone hydrogenation to dihydrocarvone over titania supported gold catalyst. <i>Catalysis Today</i> , <b>2015</b> , 241, 189-194	5.3 13
144	Synthesis and analgesic activity of monoterpenoid-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> , <b>2014</b> , 23, 1709-1717	2.2 13
143	Opening of monoterpene epoxide to a potent anti-Parkinson compound of para-menthane structure over heterogeneous catalysts. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , <b>2013</b> , 110, 449-458	1.6 13
142	Derivatives of pinane amino acids as new anticonvulsants. <i>Doklady Chemistry</i> , <b>2008</b> , 422, 248-250	0.8 13
141	Antidepressant Activity of 8-(trifluoromethyl)-1,2,3,4,5-benzopentathiepin- 6-amine hydrochloride (TC-2153): Comparison with Classical Antidepressants. <i>Letters in Drug Design and Discovery</i> , <b>2013</b> , 11, 169-173	0.8 13
140	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> , <b>2017</b> , 14,	0.8 13
139	Design, Synthesis, and Biological Investigation of Novel Classes of 3-Carene-Derived Potent Inhibitors of TDP1. <i>Molecules</i> , <b>2020</b> , 25,	4.8 13
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> , <b>2018</b> , 394, 220-231	3.9 13
137	Formation of the Compounds with an Epoxychromene Framework: Role of the Methoxy Groups. <i>Helvetica Chimica Acta</i> , <b>2014</b> , 97, 1406-1421	2 12
136	The Meerwein-Bonndorf-Verley type reaction in a mixture of supercritical isopropanol/CO <sub>2</sub> in a continuous flow reactor in the presence of alumina. <i>Journal of Supercritical Fluids</i> , <b>2012</b> , 61, 115-118	4.2 12
135	Synthesis of optically active omeprazole by catalysis with vanadyl complexes with chiral Schiff bases. <i>Russian Chemical Bulletin</i> , <b>2008</b> , 57, 1680-1685	1.7 12

134	Double heterocyclization in the reaction of unconjugated dienes and hydroxyolefins with salicylaldehyde on the askanite-bentonite clay. <i>Tetrahedron Letters</i> , <b>1996</b> , 37, 6181-6184	2	12
133	Antiviral Activity of 3-methyl-6-(prop-1-en-2-yl)cyclohex-3-ene-1,2-diol and its Derivatives Against Influenza A(H1N1)2009 Virus. <i>Letters in Drug Design and Discovery</i> , <b>2011</b> , 8, 375-380	0.8	12
132	Anti-influenza activity of diazaadamantanes combined with monoterpene moieties. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2017</b> , 27, 4531-4535	2.9	11
131	Selectivity control in one-pot myrtenol amination over Au/ZrO <sub>2</sub> by molecular hydrogen addition. <i>Journal of Molecular Catalysis A</i> , <b>2017</b> , 426, 60-67		11
130	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> , <b>2014</b> , 86, 137-144	4.2	11
129	An efficient procedure for the synthesis of Esomeprazole using a titanium complex with two chiral ligands. <i>Russian Journal of Organic Chemistry</i> , <b>2008</b> , 44, 124-127	0.7	11
128	Deoxycholic acid as a molecular scaffold for tyrosyl-DNA phosphodiesterase 1 inhibition: A synthesis, structure-activity relationship and molecular modeling study. <i>Steroids</i> , <b>2021</b> , 165, 108771	2.8	11
127	Gold catalyzed one-pot myrtenol amination: Effect of catalyst redox activation. <i>Catalysis Today</i> , <b>2017</b> , 279, 63-70	5.3	10
126	(4S,5R,6R)-para-mentha-1,8-dien-5,6-diol is a new highly effective anticonvulsant agent. <i>Doklady Biological Sciences</i> , <b>2009</b> , 429, 494-6	0.9	10
125	New chiral ligands based on (+)- $\alpha$ -pinene. <i>Russian Journal of Organic Chemistry</i> , <b>2010</b> , 46, 1109-1115	0.7	10
124	Unusual Reactions of (+)-Car-2-ene and (+)-Car-3-ene with Aldehydes on K10 Clay. <i>Helvetica Chimica Acta</i> , <b>2010</b> , 93, 2135-2150	2	10
123	Reactions of Epoxides Prepared from Some Monoterpenes with Acetic Anhydride on Aluminosilicate Catalysts. <i>Russian Journal of Organic Chemistry</i> , <b>2003</b> , 39, 1076-1082	0.7	10
122	The First Berberine-Based Inhibitors of Tyrosyl-DNA Phosphodiesterase 1 (Tdp1), an Important DNA Repair Enzyme. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	10
121	A practical way to synthesize chiral fluoro-containing polyhydro-2H-chromenes from monoterpenoids. <i>Beilstein Journal of Organic Chemistry</i> , <b>2016</b> , 12, 648-53	2.5	10
120	Antiparkinsonian activity of some 9-N-, O-, S- and C-derivatives of 3-methyl-6-(prop-1-en-2-yl)cyclohex-3-ene-1,2-diol. <i>Bioorganic and Medicinal Chemistry</i> , <b>2013</b> , 21, 1082-734		9
119	Meerwein-Ponndorf-Verley reduction of aldehydes formed in situ from $\alpha$ - and $\beta$ -pinene epoxides in a supercritical fluid in the presence of alumina. <i>Journal of Saudi Chemical Society</i> , <b>2011</b> , 15, 313-317	4.3	9
118	Transformations of epoxide derived from nopol over askanite-bentonite clay. <i>Russian Journal of Organic Chemistry</i> , <b>2004</b> , 40, 1432-1436	0.7	9
117	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> , <b>2016</b> , 420, 142-148		9

116	Two-step synthesis of monoterpene dioxinols exhibiting analgesic activity from isopulegol and benzaldehyde over heterogeneous catalysts. <i>Catalysis Today</i> , <b>2017</b> , 279, 56-62	5.3	8
115	Aldol Condensation of Cyclopentanone with Valeraldehyde Over Metal Oxides. <i>Catalysis Letters</i> , <b>2019</b> , 149, 1383-1395	2.8	8
114	Chiral schiff bases synthesized from terpenes of pinane series in asymmetric metal complex oxidation of sulfides. <i>Russian Journal of Organic Chemistry</i> , <b>2012</b> , 48, 214-220	0.7	8
113	Compounds Combining Aminoadamantane and Monoterpene Moieties: Cytotoxicity and Mutagenic Effects. <i>Medicinal Chemistry</i> , <b>2015</b> , 11, 629-35	1.8	8
112	Cyclization of citronellal in a supercritical solvent in a flow reactor in the presence of Al <sub>2</sub> O <sub>3</sub> . <i>Russian Journal of Physical Chemistry A</i> , <b>2012</b> , 86, 1917-1919	0.7	8
111	Synthesis of 6-Aminobenzopentathiepin-2-ones by Reactions of 4-Nitrobenzodithiol-2-ones with NaHS. <i>Letters in Organic Chemistry</i> , <b>2011</b> , 8, 193-197	0.6	8
110	Reaction of sabinene with aldehydes in the presence of montmorillonite K10 clay. <i>Russian Journal of Organic Chemistry</i> , <b>2010</b> , 46, 1002-1005	0.7	8
109	Synthesis of Derivatives of the Optically Active $\alpha$ -Amino Acids from (+)-Car-2-ene. <i>Helvetica Chimica Acta</i> , <b>2008</b> , 91, 1849-1856	2	8
108	The Development of Tyrosyl-DNA Phosphodiesterase 1 (TDP1) Inhibitors Based on the Amines Combining Aromatic/Heteroaromatic and Monoterpene Moieties. <i>Letters in Drug Design and Discovery</i> , <b>2019</b> , 16, 597-605	0.8	8
107	Effective Inhibitors of Tyrosyl-DNA Phosphodiesterase 1 Based on Monoterpenoids as Potential Agents for Antitumor Therapy. <i>Russian Journal of Bioorganic Chemistry</i> , <b>2019</b> , 45, 647-655	1	8
106	Synthesis and analgesic activity of monoterpene-derived alkyl-substituted chiral hexahydro-2H-chromenes. <i>Medicinal Chemistry Research</i> , <b>2017</b> , 26, 1415-1426	2.2	7
105	The short way to chiral compounds with hexahydrofluoreno[9,1-bc]furan framework: synthesis and cytotoxic activity. <i>Bioorganic and Medicinal Chemistry</i> , <b>2015</b> , 23, 1472-80	3.4	7
104	Stereoselectivity Inversion by Water Addition in the SO <sub>3</sub> H-catalyzed Tandem Prins-Ritter Reaction for Synthesis of 4-amidotetrahydropyran Derivatives. <i>ChemCatChem</i> , <b>2020</b> , 12, 2605-2609	5.2	7
103	Synthesis of hydroxy derivatives of limonene. <i>Russian Chemical Reviews</i> , <b>2014</b> , 83, 281-298	6.8	7
102	Effect of a new potential psychotropic drug, 8-(trifluoromethyl)-1,2,3,4,5-benzopentathiepin-6-amine hydrochloride, on the expression of serotonin-related genes in the mouse brain. <i>Molecular Biology</i> , <b>2011</b> , 45, 251-257	1.2	7
101	A highly effective antiparkinsonian drug of a new structural type. <i>Doklady Biological Sciences</i> , <b>2010</b> , 435, 398-9	0.9	7
100	Application of Monoterpenoids and their Derivatives for Treatment of Neurodegenerative Disorders. <i>Current Medicinal Chemistry</i> , <b>2018</b> , 25, 5327-5346	4.3	7
99	Potent Neuroprotective Activity of Monoterpene Derived 4-[(3aR,7aS)-1,3,3a,4,5,7a-Hexahydro-3,3,6-trimethylisobenzofuran-1-yl]-2-methoxyphenol in MPTP Mice Model. <i>Letters in Drug Design and Discovery</i> , <b>2013</b> , 11, 611-617	0.8	7

98	Identification of novel inhibitors for the tyrosyl-DNA-phosphodiesterase 1 (Tdp1) mutant SCAN1 using virtual screening. <i>Bioorganic and Medicinal Chemistry</i> , <b>2020</b> , 28, 115234	3.4	7
97	Novel Tdp1 Inhibitors Based on Adamantane Connected with Monoterpene Moieties via Heterocyclic Fragments. <i>Molecules</i> , <b>2021</b> , 26,	4.8	7
96	Synthesis of isobenzofuran derivatives from renewable 2-carene over halloysite nanotubes. <i>Molecular Catalysis</i> , <b>2020</b> , 490, 110974	3.3	6
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> , <b>2015</b> , 12, 833-836	0.8	6
94	The Analgesic Activity of 8-(Trifluoromethyl)-1,2,3,4,5-benzopentathiepine- 6-amine and Its Hydrochloride. <i>Letters in Drug Design and Discovery</i> , <b>2012</b> , 9, 513-516	0.8	6
93	The thermolysis of $\alpha$ -pinene and verbenone epoxides in supercritical solvents. <i>Russian Journal of Physical Chemistry A</i> , <b>2010</b> , 84, 1112-1117	0.7	6
92	Reaction of (1 <i>R</i> )-cis-verbenol epoxide with aromatic aldehydes over montmorillonite K10 clay. <i>Russian Journal of Organic Chemistry</i> , <b>2010</b> , 46, 998-1001	0.7	6
91	Effects of the properties of SO <sub>4</sub> /ZrO <sub>2</sub> solid catalysts on the products of transformation and reaction mechanism of R-(+)-limonene diepoxides. <i>Journal of Molecular Catalysis A</i> , <b>2007</b> , 269, 72-80		6
90	Transformations of (-)-myrtenal epoxide over askanite-bentonite clay. <i>Russian Journal of Organic Chemistry</i> , <b>2007</b> , 43, 56-59	0.7	6
89	Reactions of Some Terpenes and Their Derivatives with Acylating Agents in the Presence of Aluminosilicate Catalysts. <i>Russian Journal of Organic Chemistry</i> , <b>2001</b> , 37, 1418-1429	0.7	6
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