Konstantin P Volcho

List of Publications by Year
in descending order

214	3,037	201385 27	301761 39
papers	citations	h-index	g-index

244	244	244	1757
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Functional supramolecular systems: design and applications. Russian Chemical Reviews, 2021, 90, 895-1107.	2.5	93
2	Monoterpenes as a renewable source of biologically active compounds. Pure and Applied Chemistry, 2017, 89, 1105-1117.	0.9	92
3	Synthesis and biological evaluation of novel tyrosyl-DNA phosphodiesterase 1 inhibitors with a benzopentathiepine moiety. Bioorganic and Medicinal Chemistry, 2015, 23, 2044-2052.	1.4	75
4	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 Parkinsonâ€™s Disease. Journal of Medicinal Chemistry, 2011, 54, 3866-3874.	2.9	61
5	Reactions of Allyl Alcohols of the Pinane Series and of Their Epoxides in the Presence of Montmorillonite Clay. Helvetica Chimica Acta, 2007, 90, 353-368.	1.0	56
6	Asymmetric oxidation of sulfides catalyzed by titanium and vanadium complexes in the synthesis of biologically active sulfoxides. Russian Chemical Reviews, 2009, 78, 457-464.	2.5	54
7	New inhibitors of tyrosyl-DNA phosphodiesterase I (Tdp 1) combining 7-hydroxycoumarin and monoterpenoid moieties. Bioorganic and Medicinal Chemistry, 2016, 24, 5573-5581.	1.4	54
8	Novel tyrosyl-DNA phosphodiesterase 1 inhibitors enhance the therapeutic impact of topoteÑan on inÂvivo tumor models. European Journal of Medicinal Chemistry, 2019, 161, 581-593.	2.6	52
9	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. Medicinal Chemistry Research, 2016, 25, 1369-1383.	1.1	41
10	Prins cyclization: Synthesis of compounds with tetrahydropyran moiety over heterogeneous catalysts. Journal of Molecular Catalysis A, 2015, 410, 260-270.	4.8	40
11	A synthesis, in silico, in vitro and in vivo study of thieno[2,3-b]pyridine anticancer analogues. MedChemComm, 2015, 6, 1987-1997.	3.5	39
12	Rearrangement of Î±-pinene oxide to campholenic aldehyde over the trimesate metalâ€“organic frameworks MIL-100, MIL-110 and MIL-96. Journal of Catalysis, 2014, 311, 114-120.	3.1	38
13	Acid-catalyzed transformations of pinane terpenoids. New prospects. Russian Journal of Organic Chemistry, 2008, 44, 1-23.	0.3	36
14	Aminoadamantanes containing monoterpene-derived fragments as potent tyrosyl-DNA phosphodiesterase 1 inhibitors. Bioorganic Chemistry, 2018, 76, 392-399.	2.0	35
15	Synthesis of oxygen-containing heterocyclic compounds based on monoterpenoids. Russian Chemical Reviews, 2018, 87, 771-796.	2.5	35
16	One-pot myrtenol amination over Au nanoparticles supported on different metal oxides. Applied Catalysis A: General, 2013, 464-465, 348-356.	2.2	34
17	New Hydrazinothiazole Derivatives of Usnic Acid as Potent Tdp1 Inhibitors. Molecules, 2019, 24, 3711.	1.7	34
18	New reactions of isoprenoid olefins with aldehydes promoted by Al2O3-SiO2 catalysts. Tetrahedron, 1998, 54, 15619-15642.	1.0	33

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19	New chiral ligands from myrtenal and caryophyllene for asymmetric oxydation of sulfides catalyzed by metal complexes. Russian Journal of Organic Chemistry, 2006, 42, 1653-1661.	0.3	33
20	Metal Complexes in Asymmetric Oxidation of Sulfides. Russian Journal of Organic Chemistry, 2003, 39, 1537-1552.	0.3	32
21	Effect of iron content on selectivity in isomerization of Î±-pinene oxide to campholenic aldehyde over Fe-MMM-2 and Fe-VSB-5. Applied Catalysis A: General, 2014, 469, 427-433.	2.2	32
22	Synthesis of octahydro-2H-chromen-4-ol from vanillin and isopulegol over acid modified montmorillonite clays: Effect of acidity on the Prins cyclization. Journal of Molecular Catalysis A, 2015, 398, 26-34.	4.8	32
23	Effect of acid modification of kaolin and metakaolin on BrÃ¸nsted acidity and catalytic properties in the synthesis of octahydro-2H-chromen-4-ol from vanillin and isopulegol. Journal of Molecular Catalysis A, 2016, 414, 160-166.	4.8	32
24	Promising New Inhibitors of Tyrosyl-DNA Phosphodiesterase I (Tdp 1) Combining 4-Arylcoumarin and Monoterpenoid Moieties as Components of Complex Antitumor Therapy. International Journal of Molecular Sciences, 2020, 21, 126.	1.8	32
25	Anti-influenza activity of monoterpene-derived substituted hexahydro-2 H -chromenes. Bioorganic and Medicinal Chemistry, 2016, 24, 5158-5161.	1.4	31
26	Competing Michael and Knoevenagel reactions of terpenoids with malononitrile on basic Cs-beta zeolite. Journal of Molecular Catalysis A, 2003, 195, 263-274.	4.8	29
27	Anti-influenza activity of monoterpene-containing substituted coumarins. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 2920-2925.	1.0	29
28	A Novel Class of Tyrosyl-DNA Phosphodiesterase 1 Inhibitors That Contains the Octahydro-2H-chromen-4-ol Scaffold. Molecules, 2018, 23, 2468.	1.7	28
29	Highly potent activity of isopulegol-derived substituted octahydro-2 H -chromen-4-ols against influenza A and B viruses. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 2061-2067.	1.0	28
30	New chiral Schiff bases derived from (+)- and (â^')-Î±-pinenes in the metal complex catalyzed asymmetric oxidation of sulfides. Russian Chemical Bulletin, 2008, 57, 108-117.	0.4	27
31	Synthesis and analgesic activity of new heterocyclic compounds derived from monoterpenoids. Medicinal Chemistry Research, 2013, 22, 3026-3034.	1.1	27
32	Selective Preparation of trans-Carveol over Ceria Supported Mesoporous Materials MCM-41 and SBA-15. Materials, 2013, 6, 2103-2118.	1.3	27
33	Transformations of Terpenoids on Acidic Clays. Mini-Reviews in Organic Chemistry, 2008, 5, 345-354.	0.6	26
34	Synthesis and evaluation of aryliden- and hetarylidenfuranone derivatives of usnic acid as highly potent Tdp1 inhibitors. Bioorganic and Medicinal Chemistry, 2018, 26, 4470-4480.	1.4	26
35	Highly selective Prins reaction over acid-modified halloysite nanotubes for synthesis of isopulegol-derived 2H-chromene compounds. Journal of Catalysis, 2019, 374, 360-377.	3.1	26
36	Unusual Î±-hydroxyaldehyde with a cyclopentane framework from verbenol epoxide. Mendeleev Communications, 2007, 17, 303-305.	0.6	25

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37	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. Psychopharmacology, 2012, 221, 469-478.	1.5	24
38	Synthesis and analgesic activity of new compounds combining azaadamantane and monoterpene moieties. Medicinal Chemistry Research, 2015, 24, 4146-4156.	1.1	24
39	Novel Semisynthetic Derivatives of Bile Acids as Effective Tyrosyl-DNA Phosphodiesterase 1 Inhibitors. Molecules, 2018, 23, 679.	1.7	24
40	Preparation of octahydro-2 H -chromen-4-ol with analgesic activity from isopulegol and thiophene-2-carbaldehyde in the presence of acid-modified clays. Molecular Catalysis, 2018, 453, 139-148.	1.0	24
41	New chemical agents based on adamantaneâ€“monoterpene conjugates against orthopoxvirus infections. RSC Medicinal Chemistry, 2020, 11, 1185-1195.	1.7	24
42	Neuroregeneration in Parkinsonâ€™s Disease: From Proteins to Small Molecules. Current Neuropharmacology, 2019, 17, 268-287.	1.4	24
43	Synthesis of new chiral schiff bases from (+)-3-carene and their use in asymmetric oxidation of sulfides catalyzed by metal complexes. Russian Journal of Organic Chemistry, 2009, 45, 815-824.	0.3	23
44	Reactions of Verbenol Epoxide with Aromatic Aldehydes Containing Hydroxy or Methoxy Groups in the Presence of Montmorillonite Clay. Helvetica Chimica Acta, 2011, 94, 502-513.	1.0	23
45	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. Medicinal Chemistry Research, 2014, 23, 5063-5073.	1.1	23
46	Synthesis of New Compounds Combining Adamantanamine and Monoterpene Fragments and their Antiviral Activity Against Influenza Virus A(H1N1)pdm09. Letters in Drug Design and Discovery, 2013, 10, 477-485.	0.4	23
47	Reactivity of Î±-pinene epoxide in supercritical solvents. Journal of Supercritical Fluids, 2010, 52, 71-75.	1.6	22
48	Synthesis and anxiolytic activity of 2-aminoadamantane derivatives containing monoterpene fragments. Pharmaceutical Chemistry Journal, 2012, 46, 263-265.	0.3	22
49	One-pot monoterpene alcohol amination over Au/ZrO2 catalyst: Effect of the substrate structure. Journal of Catalysis, 2018, 360, 127-134.	3.1	22
50	Design, Synthesis, and Biological Investigation of Novel Classes of 3-Carene-Derived Potent Inhibitors of TDP1. Molecules, 2020, 25, 3496.	1.7	22
51	Synthesis of Optically Active, CyclicÎ±-Hydroxy Ketones and 1,2-Diketones from Verbenone Epoxide. Helvetica Chimica Acta, 2006, 89, 507-514.	1.0	21
52	Effect of structure and acidity of acid modified clay materials on synthesis of octahydro-2H-chromen-4-ol from vanillin and isopulegol. Catalysis Communications, 2015, 69, 234-238.	1.6	21
53	Acidâ€modified Halloysite Nanotubes as a Stereoselective Catalyst for Synthesis of 2Hâ€Chromene Derivatives by the Reaction of Isopulegol with Aldehydes. ChemCatChem, 2018, 10, 3950-3954.	1.8	21
54	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. Medicinal Chemistry Research, 2015, 24, 3821-3830.	1.1	19

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55	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-HT2A Receptor in the Brain. Neuroscience, 2018, 394, 220-231.	1.1	19
56	Clay nanotubes catalyzed solvent-free synthesis of octahydro-2H-chromenols with pharmaceutical potential from (-)-isopulegol and ketones. Journal of Catalysis, 2019, 380, 145-152.	3.1	19
57	8-(Trifluoromethyl)-1,2,3,4,5-benzopentathiepin-6-amine: Novel Aminobenzopentathiepine having In Vivo Anticonvulsant and Anxiolytic Activities. Letters in Drug Design and Discovery, 2009, 6, 464-467.	0.4	18
58	The Development of Tyrosyl-DNA Phosphodiesterase 1 Inhibitors. Combination of Monoterpene and Adamantine Moieties via Amide or Thioamide Bridges. Applied Sciences (Switzerland), 2019, 9, 2767.	1.3	18
59	Deoxycholic acid as a molecular scaffold for tyrosyl-DNA phosphodiesterase 1 inhibition: A synthesis, structureâ€“activity relationship and molecular modeling study. Steroids, 2021, 165, 108771.	0.8	18
60	Isomerization of bicyclic terpene epoxides into allylic alcohols without changing of the initial structure. Journal of Molecular Catalysis A, 2014, 388-389, 162-166.	4.8	17
61	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 (â€“)-Isopulegol. Chemistry of Natural Compounds, 2017, 53, 260-264.	0.2	17
62	Novel Inhibitors of DNA Repair Enzyme TDP1 Combining Monoterpenoid and Adamantane Fragments. Anti-Cancer Agents in Medicinal Chemistry, 2019, 19, 463-472.	0.9	17
63	Synthesis of optically active omeprazole by catalysis with vanadyl complexes with chiral Schiff bases. Russian Chemical Bulletin, 2008, 57, 1680-1685.	0.4	16
64	Heterogeneous catalysis for transformation of biomass derived compounds beyond fuels: Synthesis of monoterpenoid dioxinols with analgesic activity. Journal of Molecular Catalysis A, 2015, 397, 48-55.	4.8	16
65	Anti-influenza activity of diazaadamantanes combined with monoterpene moieties. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 4531-4535.	1.0	16
66	New Hybrid Compounds Combining Fragments of Usnic Acid and Monoterpenoids for Effective Tyrosyl-DNA Phosphodiesterase 1 Inhibition. Biomolecules, 2021, 11, 973.	1.8	16
67	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. Letters in Drug Design and Discovery, 2011, 8, 375-380.	0.4	16
68	Antidepressant Activity of 8-(trifluoromethyl)-1,2,3,4,5-benzopentathiepin- 6-amine hydrochloride (TC-2153): Comparison with Classical Antidepressants. Letters in Drug Design and Discovery, 2013, 11, 169-173.	0.4	16
69	Double heterocyclization in the reaction of unconjugated dienes and hydroxyolefins with salicylaldehyde on the askanite-bentonite clay. Tetrahedron Letters, 1996, 37, 6181-6184.	0.7	15
70	An efficient procedure for the synthesis of Esomeprazole using a titanium complex with two chiral ligands. Russian Journal of Organic Chemistry, 2008, 44, 124-127.	0.3	15
71	Selective carvone hydrogenation to dihydrocarvone over titania supported gold catalyst. Catalysis Today, 2015, 241, 189-194.	2.2	15
72	Novel Tdp1 Inhibitors Based on Adamantane Connected with Monoterpene Moieties via Heterocyclic Fragments. Molecules, 2021, 26, 3128.	1.7	15

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73	Benzopentathiepine Derivative, 8-(Trifluoromethyl)-1,2,3,4,5-Benzopentathiepin- 6-Amine Hydrochloride (TC-2153), as a Promising Antidepressant of New Generation. Letters in Drug Design and Discovery, 2017, 14, .	0.4	15
74	Unusual Reactions of (+)â€Carâ€2â€ene and (+)â€Carâ€3â€ene with Aldehydes on K10 Clay. Helvetica Chimica Acta, 2010, 93, 2135-2150.	1.0	14
75	Opening of monoterpene epoxide to a potent anti-Parkinson compound of para-menthane structure over heterogeneous catalysts. Reaction Kinetics, Mechanisms and Catalysis, 2013, 110, 449-458.	0.8	14
76	Promoting effect of alcohols and formic acid on Au-catalyzed one-pot myrtenol amination. Molecular Catalysis, 2017, 433, 414-419.	1.0	14
77	Aldol Condensation of Cyclopentanone with Valeraldehyde Over Metal Oxides. Catalysis Letters, 2019, 149, 1383-1395.	1.4	14
78	Derivatives of pinane amino acids as new anticonvulsants. Doklady Chemistry, 2008, 422, 248-250.	0.2	13
79	(4S,5R,6R)-para-mentha-1,8-dien-5,6-diol is a new highly effective anticonvulsant agent. Doklady Biological Sciences, 2009, 429, 494-496.	0.2	13
80	New chiral ligands based on (+)-Î±-pinene. Russian Journal of Organic Chemistry, 2010, 46, 1109-1115.	0.3	13
81	Efficient reduction of nitroarenes using supercritical alcohols as a source of hydrogen in flow-type reactor in the presence of alumina. Journal of Supercritical Fluids, 2014, 86, 137-144.	1.6	13
82	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. Medicinal Chemistry Research, 2014, 23, 1709-1717.	1.1	13
83	The First Berberine-Based Inhibitors of Tyrosyl-DNA Phosphodiesterase 1 (Tdp1), an Important DNA Repair Enzyme. International Journal of Molecular Sciences, 2020, 21, 7162.	1.8	13
84	Influenza antiviral activity of F- and OH-containing isopulegol-derived octahydro-2H-chromenes. Bioorganic and Medicinal Chemistry Letters, 2021, 31, 127677.	1.0	13
85	The Meerweinâ€“Ponndorfâ€“Verley type reaction in a mixture of supercritical isopropanol/CO2 in a continuous flow reactor in the presence of alumina. Journal of Supercritical Fluids, 2012, 61, 115-118.	1.6	12
86	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. Bioorganic and Medicinal Chemistry, 2013, 21, 1082-1087.	1.4	12
87	Formation of the Compounds with an Epoxychromene Framework: Role of the Methoxy Groups. Helvetica Chimica Acta, 2014, 97, 1406-1421.	1.0	12
88	The short way to chiral compounds with hexahydrofluoreno[9,1-bc]furan framework: Synthesis and cytotoxic activity. Bioorganic and Medicinal Chemistry, 2015, 23, 1472-1480.	1.4	12
89	A practical way to synthesize chiral fluoro-containing polyhydro-2H-chromenes from monoterpenoids. Beilstein Journal of Organic Chemistry, 2016, 12, 648-653.	1.3	12
90	Selectivity control in one-pot myrtenol amination over Au/ZrO2 by molecular hydrogen addition. Journal of Molecular Catalysis A, 2017, 426, 60-67.	4.8	12

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91	Application of Monoterpenoids and their Derivatives for Treatment of Neurodegenerative Disorders. Current Medicinal Chemistry, 2019, 25, 5327-5346.	1.2	12
92	Reactions of Epoxides Prepared from Some Monoterpenes with Acetic Anhydride on Aluminosilicate Catalysts. Russian Journal of Organic Chemistry, 2003, 39, 1076-1082.	0.3	11
93	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. Molecular Biology, 2011, 45, 251-257.	0.4	11
94	Compounds Combining Aminoadamantane and Monoterpene Moieties: Cytotoxicity and Mutagenic Effects. Medicinal Chemistry, 2015, 11, 629-635.	0.7	11
95	Stereoselectivity Inversion by Water Addition in the â˜SO 3 Hâ€catalyzed Tandem Prinsâ€Ritter Reaction for Synthesis of 4â€amidotetrahydropyran Derivatives. ChemCatChem, 2020, 12, 2605-2609.	1.8	11
96	Adamantane-Monoterpenoid Conjugates Linked via Heterocyclic Linkers Enhance the Cytotoxic Effect of Topotecan. Molecules, 2022, 27, 3374.	1.7	11
97	Title is missing!. Russian Journal of Organic Chemistry, 2001, 37, 1418-1429.	0.3	10
98	Transformations of epoxide derived from nopol over askanite-bentonite clay. Russian Journal of Organic Chemistry, 2004, 40, 1432-1436.	0.3	10
99	Synthesis of 6-Aminobenzopentathiepines by Reactions of 4-Nitrobenzodithiol- 2-ones with NaHS. Letters in Organic Chemistry, 2011, 8, 193-197.	0.2	10
100	Two-step synthesis of monoterpenoid dioxinols exhibiting analgesic activity from isopulegol and benzaldehyde over heterogeneous catalysts. Catalysis Today, 2017, 279, 56-62.	2.2	10
101	Gold catalyzed one-pot myrtenol amination: Effect of catalyst redox activation. Catalysis Today, 2017, 279, 63-70.	2.2	10
102	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 Parkinsonâ€™s Disease. ACS Chemical Neuroscience, 2019, 10, 4337-4349.	1.7	10
103	The Development of Tyrosyl-DNA Phosphodyesterase 1 (TDP1) Inhibitors Based on the Amines Combining Aromatic/Heteroaromatic and Monoterpenoid Moieties. Letters in Drug Design and Discovery, 2019, 16, 597-605.	0.4	10
104	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 (Danio Rerio): A Comparison with Fluoxetine. Letters in Drug Design and Discovery, 2019, 16, 1321-1328.	0.4	10
105	3-Methyl-6-(prop-1-en-2-yl)cyclohex-3-ene-1,2-diol: the Importance of Functional Groups for Antiparkinsonian Activity. Medicinal Chemistry, 2013, 9, 731-739.	0.7	10
106	Novel Multitarget Hydroxamic Acids with a Natural Origin CAP Group against Alzheimerâ€™s Disease: Synthesis, Docking and Biological Evaluation. Pharmaceutics, 2021, 13, 1893.	2.0	10
107	Conjugates of Bispidine and Monoterpenoids as Ligands of Metal Complex Catalysts for the Henry Reaction. Russian Journal of Organic Chemistry, 2020, 56, 1969-1981.	0.3	10
108	MPTP-Treated Zebrafish Recapitulate â€˜Late-Stageâ€™ Parkinsonâ€™s-like Cognitive Decline. Toxics, 2022, 10, 69.	1.6	10

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109	A highly effective antiparkinsonian drug of a new structural type. Doklady Biological Sciences, 2010, 435, 398-399.	0.2	9
110	Meerweinâ€“Ponndorfâ€“Verley reduction of aldehydes formed in situ from Î±- and Î²-pinene epoxides in a supercritical fluid in the presence of alumina. Journal of Saudi Chemical Society, 2011, 15, 313-317.	2.4	9
111	Cyclization of citronellal in a supercritical solvent in a flow reactor in the presence of Al2O3. Russian Journal of Physical Chemistry A, 2012, 86, 1917-1919.	0.1	9
112	Chiral schiff bases synthesized from terpenes of pinane series in asymmetric metall complex oxidation of sulfides. Russian Journal of Organic Chemistry, 2012, 48, 214-220.	0.3	9
113	Synthesis of hydroxy derivatives of limonene. Russian Chemical Reviews, 2014, 83, 281-298.	2.5	9
114	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. Letters in Drug Design and Discovery, 2015, 12, 833-836.	0.4	9
115	Selective one-pot carvone oxime hydrogenation over titania supported gold catalyst as a novel approach for dihydrocarvone synthesis. Journal of Molecular Catalysis A, 2016, 420, 142-148.	4.8	9
116	Effective Inhibitors of Tyrosyl-DNA Phosphodiesterase 1 Based on Monoterpenoids as Potential Agents for Antitumor Therapy. Russian Journal of Bioorganic Chemistry, 2019, 45, 647-655.	0.3	9
117	Synthesis of 1,3-Oxazine Derivatives Based on (â€“)-Isopulegol using the Ritter Reaction and Study of their Analgesic Activity. Chemistry of Heterocyclic Compounds, 2020, 56, 936-941.	0.6	9
118	Catalytic synthesis of bioactive 2H-chromene alcohols from (â^')-isopulegol and acetone on sulfonated clays. Reaction Kinetics, Mechanisms and Catalysis, 2020, 129, 627-644.	0.8	9
119	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. Letters in Drug Design and Discovery, 2013, 11, 611-617.	0.4	9
120	Clays catalyzed cascade Prins and Prins-Friedel-Crafts reactions for synthesis of terpenoid-derived polycyclic compounds. Applied Catalysis A: General, 2022, 629, 118395.	2.2	9
121	Synthesis of Derivatives of the Optically Active Î²â€Amino Acids from (+)â€Carâ€2â€ene. Helvetica Chimica Acta, 2008, 91, 1849-1856.	1.0	8
122	Reaction of sabinene with aldehydes in the presence of montmorillonite K10 clay. Russian Journal of Organic Chemistry, 2010, 46, 1002-1005.	0.3	8
123	Synthesis and Analgesic Activity of 4,7-Dimethyl-3,4,4a,5,8,8a-Hexahydro-2H-Chromen-4,8-Diols Containing Thiophene Substituents. Chemistry of Natural Compounds, 2016, 52, 813-820.	0.2	8
124	Synthesis and analgesic activity of monoterpenoid-derived alkyl-substituted chiral hexahydro-2H-chromenes. Medicinal Chemistry Research, 2017, 26, 1415-1426.	1.1	8
125	Identification of novel inhibitors for the tyrosyl-DNA-phosphodiesterase 1 (Tdp1) mutant SCAN1 using virtual screening. Bioorganic and Medicinal Chemistry, 2020, 28, 115234.	1.4	8
126	Evolution of anti-parkinsonian activity of monoterpenoid (1 R ,2 R ,6 S) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td ()-3-methyl-6-(prop-1 Pharmacology, 2017, 815, 351-363.	1.7	8

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127	Synthesis and Analgesic Activity of Amines Combining Diazaadamantane and Monoterpene Fragments. Medicinal Chemistry, 2017, 13, 773-779.	0.7	8
128	New Deoxycholic Acid Derived Tyrosyl-DNA Phosphodiesterase 1 Inhibitors Also Inhibit Tyrosyl-DNA Phosphodiesterase 2. Molecules, 2022, 27, 72.	1.7	8
129	Plant metabolites of the Siberian flora. Chemical transformations and the scope of practical application. Russian Chemical Reviews, 2007, 76, 655-671.	2.5	7
130	Hydrogenation and conformational analysis of (1R,2R,6S)-3-methyl-6-(1-methylethenyl)cyclohex-3-ene-1,2-diol. Russian Journal of Organic Chemistry, 2010, 46, 1786-1789.	0.3	7
131	The Analgesic Activity of 8-(Trifluoromethyl)-1,2,3,4,5-benzopentathiepine- 6-amine and Its Hydrochloride. Letters in Drug Design and Discovery, 2012, 9, 513-516.	0.4	7
132	Stepwise Selective Reduction of Polynitroarenes Using Isopropanol as a Source of Hydrogen in a Flow-Type Reactor in the Presence of Alumina. Journal of Flow Chemistry, 2014, 4, 113-117.	1.2	7
133	Prins cyclization of (-)-isopulegol with benzaldehyde for production of chromenols over organosulfonic clays. Molecular Catalysis, 2019, 478, 110569.	1.0	7
134	Synthesis and analgesic activity of octahydro-2H-chromenols, derivatives of aliphatic ketones. Russian Chemical Bulletin, 2019, 68, 1061-1066.	0.4	7
135	Synthesis of isobenzofuran derivatives from renewable 2-carene over halloysite nanotubes. Molecular Catalysis, 2020, 490, 110974.	1.0	7
136	Catalytic synthesis of terpenoid-derived hexahydro-2H-chromenes with analgesic activity over halloysite nanotubes. Applied Catalysis A: General, 2021, 618, 118144.	2.2	7
137	Effect of chiral polyhydrochromenes on cannabinoid system. Medicinal Chemistry Research, 2019, 28, 450-464.	1.1	7
138	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. Letters in Drug Design and Discovery, 2017, 14, 508-514.	0.4	7
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