Vladislav Y Korotaev

List of Publications by Year
in descending order

80	1,140	393982	525886
papers	citations	19 h-index	27 g-index

108	108	108	626
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	1,5-Diarylpent-4-ene-1,3-diones in the synthesis of spiro[(thia)pyrrolizidine-3,3'-oxindoles] and 1,3-diaryl-5-spiro[oxindole-3,3'-pyrrolizidin-2'-yl]-1H-pyrazoles. Chemistry of Heterocyclic Compounds, 2021, 57, 81-91.	0.6	3
2	Two approaches toward the regio- and stereoselective synthesis of N-unsubstituted 3-aryl-4-(trifluoromethyl)-4H-spiro-[chromeno[3,4-c]pyrrolidine-1,3'-oxindoles]. Chemistry of Heterocyclic Compounds, 2021, 57, 679.	0.6	10
3	Acenaphthenequinone-Based Stabilized Azomethine Ylides in (3+2) Cycloaddition Reactions with 1,5-diarylpent-4-ene-1,3-diones. Chemistry of Heterocyclic Compounds, 2021, 57, 743-750.	0.6	3
4	Regio- and Stereoselective 1,3-dipolar Cycloaddition of Azomethine Ylides Based on Isatins and (thia)proline to 3-nitro-2-(trifluoro(trichloro)methyl)-2H-chromenes: Synthesis and Cytotoxic Activity of 6-(trihalomethyl)-spiro[chromeno(thia)pyrrolizidine-11,3'-indolin]-2'-ones. Chemistry of Heterocyclic Compounds, 2021, 57, 751-763.	0.6	9
5	Diversity-Oriented Synthesis of Novel Trihalomethyl-Containing Spirochromeno[3,4-a](thia)pyrrolizidines and Spirochromeno-[3,4-a]indolizidines by One-Pot, Three-Component [3+2]-CycloÂaddition Reaction. SynOpen, 2021, 05, 1-16.	0.8	3
6	[3+2] Annulation of 2-substituted 3-nitro-2H-chromenes with mercaptoacetaldehyde: stereoselective synthesis of tetrahydro-4H-thieno[3,2-c]chromen-3-ols. Chemistry of Heterocyclic Compounds, 2021, 57, 1204-1211.	0.6	3
7	3-Nitro-2-phenyl-2-trifluoromethyl-2H-chromenes in reactions with azomethine ylides from isatins and (thia)proline: synthesis of spiro[chromeno(thia)pyrrolizidine-11,3'-oxindoles]. Chemistry of Heterocyclic Compounds, 2020, 56, 1302-1313.	0.6	10
8	An expedient synthesis of novel spiro[indenoquinoxaline-pyrrolizidine]-pyrazole conjugates with anticancer activity from 1,5-diarylpent-4-ene-1,3-diones through the 1,3-dipolar cycloaddition/cyclocondensation sequence. New Journal of Chemistry, 2020, 44, 16185-16199.	1.4	12
9	Catalyst-free Tandem 1,3-Dipolar Cycloaddition/Aldol Condensation: Diastereoselective Construction of the Azatetraquinane Skeleton. Journal of Organic Chemistry, 2020, 85, 8683-8694.	1.7	9
10	3-Nitro-2H-chromenes in [3+2] cycloaddition reaction with azomethine ylides derived from N-unsubstituted Î±-amino acids and isatins: regio- and stereoselective synthesis of spirochromeno[3,4-c]pyrrolidines. Chemistry of Heterocyclic Compounds, 2019, 55, 529-540.	0.6	11
11	Synthesis of ferrocene annulated trifluoromethylated heterocycles with crispine and lamellarin skeletons. Tetrahedron Letters, 2019, 60, 150916.	0.7	9
12	Different behavior of azomethine ylides derived from 11H-indeno[1,2-b]quinoxalin-11-one and proline/sarcosine in reactions with 3-nitro-2H-chromenes. Chemistry of Heterocyclic Compounds, 2019, 55, 861-874.	0.6	10
13	A regio- and stereocontrolled approach to the synthesis of 4-CF₃-substituted spiro[chromeno[3,4-c]pyrrolidine-oxindoles]viareversible [3+2] cycloaddition of azomethine ylides generated from isatins and sarcosine to 3-nitro-2-(trifluoromethyl)-2H-chromenes. New Journal of Chemistry, 2019, 43, 18495-18504.	1.4	19
14	Recent advances in the chemistry of 3-nitro-2H- and 3-nitro-4H-chromenes. Russian Chemical Reviews, 2019, 88, 27-58.	2.5	30
15	Unexpected regiochemistry in [3+2] cycloaddition reaction of azomethine ylides of indenoquinoxalinone series to arylidene malononitriles. Chemistry of Heterocyclic Compounds, 2018, 54, 43-50.	0.6	11
16	Stabilized azomethine ylides derived from indeno[1,2-b]quinoxalinones in [3+2] cycloaddition reactions with electrophilic alkenes. Chemistry of Heterocyclic Compounds, 2018, 54, 905-922.	0.6	9
17	3-Nitro-2-phenyl-2-(trifluoromethyl)-2H-chromenes in reaction with N-methylazomethine ylide: stereoselective synthesis of 3a,4,4-trisubstituted chromeno[3,4-c]pyrrolidines. Chemistry of Heterocyclic Compounds, 2018, 54, 852-858.	0.6	1
18	Regio- and stereoselective 1,3-dipolar cycloaddition of indenoquinoxalinone azomethine ylides to Î²-nitrostyrenes: synthesis of spiro[indeno[1,2-b]quinoxaline-11,3'-pyrrolizidines] and spiro[indeno[1,2-b]quinoxaline-11,2'-pyrrolidines]. Chemistry of Heterocyclic Compounds, 2017, 53, 451-459.	0.6	24

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19	3-Nitro-2-(trihalomethyl)-2H-chromenes in reactions with sodium azide: synthesis of 4-(trihalomethyl)-2,4-dihydrochromeno[3,4-d][1,2,3]triazoles. Chemistry of Heterocyclic Compounds, 2017, 53, 597-603.	0.6	13
20	Highly regio- and stereoselective 1,3-dipolar cycloaddition of stabilised azomethine ylides to 3,3,3-trihalogeno-1-nitropropenes: Synthesis of trihalomethylated spiroindenepyrroli(zi)dines. Journal of Fluorine Chemistry, 2017, 204, 37-44.	0.9	9
21	Highly stereoselective [3+2]-cycloaddition reaction of stabilised N , N â€²-cyclic azomethine imines with 3-nitro-2-phenyl-2 H -chromenes: Synthesis of tetrahydrochromeno[4,3- c]pyrazolo[1,2- a]pyrazol-11-ones. Tetrahedron Letters, 2017, 58, 3989-3992.	0.7	9
22	Highly diastereoselective synthesis of novel 2,3,4-trisubstituted chromanes via the reaction of 3-nitro-2-(trihalomethyl)- and 3-nitro-2-phenyl-2 H -chromenes with 1-morpholinocyclopentene. Tetrahedron, 2017, 73, 5122-5137.	1.0	6
23	Regio- and stereoselective 1,3-dipolar cycloaddition reactions between arylideneacetones and stabilized azomethine ylides obtained from ninhydrin and indenoquinoxalinones. Chemistry of Heterocyclic Compounds, 2017, 53, 1315-1323.	0.6	14
24	2-Substituted 3-nitro-2H-chromenes in reaction with azomethine ylide derived from ninhydrin and proline: regio- and stereoselective synthesis of spiro[chromeno[3,4-a]pyrrolizidine-11,2'-indene]-1',3'-diones. Chemistry of Heterocyclic Compounds, 2017, 53, 1192-1198.	0.6	17
25	3-Nitro-2-phenyl-2-(trifluoromethyl)-2H-chromenes: synthesis and reactions with nucleophiles. Chemistry of Heterocyclic Compounds, 2016, 52, 814-822.	0.6	12
26	Highly regio- and stereoselective 1,3-dipolar cycloaddition of stabilised azomethine ylides to 3,3,3-trihalogeno-1-nitropropenes: synthesis of trihalomethylated spiro[indoline-3,2â€²-pyrrolidin]-2-ones and spiro[indoline-3,3â€²-pyrrolizin]-2-ones. Tetrahedron, 2016, 72, 6825-6836.	1.0	34
27	One-pot synthesis of functionalized benzo[c]coumarins and their precursors via the reaction of 2-(polyfluoroalkyl)chromones with 4-alkyl-3-cyanocoumarins. RSC Advances, 2016, 6, 58188-58202.	1.7	6
28	Uncatalyzed, highly stereoselective addition of Î±-morpholinostyrene to 3-nitro-2-(trihalomethyl)-2H-chromenes. Synthesis of transâ€“cis- and transâ€“trans-3-nitro-4-phenacyl-(2-trihalomethyl)chromanes. Tetrahedron, 2016, 72, 216-226.	1.0	8
29	Synthesis of polyfunctionalized benzophenones via the reaction of 3-formylchromones with tertiary pushâ€“pull enamines. Tetrahedron, 2016, 72, 2026-2033.	1.0	9
30	Synthesis of 1-hetaryl-5,6-dihydropyrrolo[2,1-a]isoquinolines from 1-hetarylmethyl-3,4-dihydroisoquinolines and 1,1,1-trifluoro-3-nitrobut-2-ene. Russian Chemical Bulletin, 2015, 64, 891-896.	0.4	1
31	Products from the addition of acetoacetic ester or acetylacetone to 3-nitro-2Ð•chromenes â€“ axially chiral trans,trans-2,3,4-trisubstituted chromans and related pyrazoles. Chemistry of Heterocyclic Compounds, 2015, 51, 704-708.	0.6	5
32	Oneâ€Pot Domino Synthesis of Polyfunctionalized Benzophenones, Dihydroxanthones, and mâ€Terphenyls from 2â€(Polyfluoroalkyl)chromones. European Journal of Organic Chemistry, 2015, 2015, 1932-1944.	1.2	10
33	Synthesis of trans,trans-2,3,4-trisubstituted chromans from 3-nitro-2Ð•chromenes and enamines of acetoacetic ester and acetylacetone. A new type of configurationally stable atropisomers. Chemistry of Heterocyclic Compounds, 2015, 51, 531-540.	0.6	7
34	Stereoselective addition of ethyl 3-morpholino(piperidino)-crotonates to 2-trihalomethyl-3-nitro-2H-chromenes. Synthesis of 4-acetonyl-3-nitrochromans. Chemistry of Heterocyclic Compounds, 2015, 51, 440-446.	0.6	5
35	Highly regio- and stereoselective addition of aminoenones to 2-substituted 3-nitro-2H-chromenes. Unexpected synthesis of 5-(trifluoromethyl)-5H-chromeno[3,4-b]pyridines. Tetrahedron, 2015, 71, 2658-2669.	1.0	11
36	A DFT computational study on the molecular mechanism of the nitro group migration in the product derived from 3-nitro-2-(trifluoromethyl)-2 H -chromene and 2-(1-phenylpropylidene)malononitrile. Journal of Fluorine Chemistry, 2014, 168, 236-239.	0.9	13

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37	Synthesis of electron-deficient dienes bearing a chromonyl moiety via the reaction of 3-formylchromones with ylidenemalononitriles and ethyl Î±-cyano-Î²-methylcinnamate. Tetrahedron, 2014, 70, 3584-3589.	1.0	6
38	Interaction between Mo132 nanocluster polyoxometalate and solvents. Russian Journal of Physical Chemistry A, 2014, 88, 2179-2182.	0.1	10
39	Synthesis of chromeno[3,4-c][1,2]oxazine-N-oxides via formal [4+2] cycloaddition of 3-nitro-2-trihalomethyl-2H-chromenes with cyclohexanone and pinacolone enamines. Tetrahedron, 2014, 70, 5161-5167.	1.0	12
40	Highly diastereoselective 1,3-dipolar cycloaddition of nonstabilized azomethine ylides to 3-nitro-2-trihalomethyl-2H-chromenes: synthesis of 1-benzopyrano[3,4-c]pyrrolidines. Tetrahedron, 2013, 69, 8602-8608.	1.0	32
41	Synthesis and properties of 3-nitro-2H-chromenes. Russian Chemical Reviews, 2013, 82, 1081-1116.	2.5	47
42	A novel synthesis of Î³-nitro ketones via detrifluoroacetylative Michael addition of 1-trifluoromethyl-1,3-diketones to conjugated nitroalkenes. Tetrahedron Letters, 2013, 54, 6819-6821.	0.7	11
43	Domino reaction of 3-nitro-2-(trifluoromethyl)-2H-chromenes with 2-(1-phenylalkylidene)malononitriles: synthesis of functionalized 6-(trifluoromethyl)-6H-dibenzo[b,d]pyrans and a rare case of [1,5] sigmatropic shift of the nitro group. Tetrahedron, 2013, 69, 9642-9647.	1.0	16
44	Highly Regio-and Stereoselective Addition of Ethyl 3-Aminobut-2-enoates to 2-substituted 3-nitro-2H-chromenes. Mendeleev Communications, 2013, 23, 150-152.	0.6	10
45	Synthesis of 5-(trifluoromethyl)-5H-chromeno[3,4-b]pyridines from 3-nitro-2-(trifluoromethyl)-2H-chromenes and aminoenones derived from acetylacetone and cyclic amines. Tetrahedron Letters, 2013, 54, 3091-3093.	0.7	11
46	Synthesis of Î²-(trifluoromethyl)furans and spiro-gem-dichlorocyclopropanes from cyclic 1,3-dicarbonyl compounds and Î±-(trihaloethylidene)nitroethanes. Tetrahedron Letters, 2013, 54, 4181-4184.	0.7	13
47	Simple synthesis of functionalized 7-aza-2H-chromenes from pyridoxal and nitroalkenes in aqueous medium. Russian Chemical Bulletin, 2012, 61, 674-677.	0.4	3
48	Stability of the Mo72Fe30 polyoxometalate buckyball in solution. Russian Journal of Inorganic Chemistry, 2012, 57, 1210-1213.	0.3	24
49	Synthesis of Novel 5,6â€Dihydropyrrolo[2,1â€a]isoquinolines via Grob Reaction between (E)â€1,1,1â€Trifluoroâ€3â€nitroâ€2â€butene and 3,4â€Dihydroisoquinolines. Journal of Heterocyclic Chemistry, 2012, 49, 856-860.	1.0	11
50	Reaction of 2-(trifluoromethyl)chromones with pyridoxal: Formation of 1-benzopyranooxepino- and 1-benzopyranopyranopyridines. Journal of Fluorine Chemistry, 2012, 141, 58-63.	0.9	9
51	Reactions of (E)-3,3,3-trichloro(trifluoro)-1-nitropropenes with enamines derived from cycloalkanones. A new type of ring-chain tautomerism in a series of cyclobutane derivatives and stereochemistry of the products. Russian Chemical Bulletin, 2012, 61, 1736-1749.	0.4	4
52	Reactions of 1,1,1-trihalo-3-nitrobut-2-enes with enamines derived from cycloalkanones. Rearrangement of trifluoromethylated 1,2-oxazine N-oxide into 1-pyrroline N-oxides and stereochemistry of the products. Russian Chemical Bulletin, 2012, 61, 1750-1760.	0.4	7
53	Reaction of (E)-1,1,1-trichloro-3-nitrobut-2-ene with amines: diastereoselective synthesis of N-substituted Î±-trichloromethyl-Î²-nitroamines. Russian Chemical Bulletin, 2012, 61, 1564-1569.	0.4	2
54	Three-component synthesis of substituted Î²-(trifluoromethyl)pyrroles via Grob cyclization of 1,1,1-trifluoro-3-nitrobut-2-ene with 1,3-dicarbonylic compounds and ammonia or primary amines. Journal of Fluorine Chemistry, 2012, 138, 42-47.	0.9	19

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55	Study of the stability of solid polyoxometalate Mo72Fe30 with a buckyball structure. Russian Journal of Inorganic Chemistry, 2012, 57, 858-863.	0.3	17
56	Electrotransport, sorption, and photochemical properties of nanocluster polyoxomolybdates with a toroidal structure. Russian Journal of Physical Chemistry A, 2012, 86, 1268-1273.	0.1	17
57	A simple synthesis of the pentacyclic lamellarin skeleton from 3-nitro-2-(trifluoromethyl)-2H-chromenes and 1-methyl(benzyl)-3,4-dihydroisoquinolines. Tetrahedron, 2011, 67, 8685-8698.	1.0	32
58	Uncatalyzed reactions of Î±-(trihaloethylidene)nitroalkanes with pushâ€“pull enamines: a new type of ringâ€“ring tautomerism in cyclobutane derivatives and the dramatic effect of the trihalomethyl group on the reaction pathway. Tetrahedron Letters, 2011, 52, 5764-5768.	0.7	27
59	Unexpected spontaneous ring-contraction rearrangement of trifluoromethylated 1,2-oxazine N-oxides to 1-pyrroline N-oxides. Mendeleev Communications, 2011, 21, 277-279.	0.6	10
60	Spectroscopic studies of molybdenum polyoxometallates with the buckyball structure and polymer-containing compositions based thereon. Russian Journal of Inorganic Chemistry, 2011, 56, 276-281.	0.3	8
61	Reactions of 3,3,3-trichloro(trifluoro)-1-nitropropenes with 2-morpholinoalk-1-enes. Russian Chemical Bulletin, 2011, 60, 143-147.	0.4	5
62	Diastereoselective reactions of 1,1,1-trichloro(trifluoro)-3-nitrobut-2-enes with 2-morpholinoalk-1-enes. Mendeleev Communications, 2011, 21, 112-114.	0.6	32
63	Unusual ring-chain tautomerism in bicyclo[4.2.0]octane derivatives. Tetrahedron Letters, 2011, 52, 3029-3032.	0.7	15
64	A simple synthesis of the lamellarin analogues from 3-nitro-2-trifluoromethyl-2H-chromenes and 1-benzyl-3,4-dihydroisoquinolines. Mendeleev Communications, 2010, 20, 321-322.	0.6	13
65	Stereoselective tandem [4 + 2]/[3 + 2] cycloaddition reactions of 3,3,3-trichloro(trifluoro)-1-nitropropenes and 2,3-dihydrofuran. Mendeleev Communications, 2010, 20, 17-19.	0.6	20
66	Stereoselective hetero-Dielsâ€“Alder reaction of 3-nitro-2-trihalomethyl-2H-chromenes with 2,3-dihydrofuran and ethyl vinyl ether under solvent-free conditions. Tetrahedron, 2010, 66, 1404-1409.	1.0	27
67	N-Substituted Î±-trifluoromethyl Î²-nitro amines in the synthesis of fluorine-containing 1,2-diamines, amino alcohols, and Î²-amino acids. Russian Chemical Bulletin, 2009, 58, 1886-1898.	0.4	8
68	Thermal behavior of polyoxometalate Mo132. Russian Journal of Inorganic Chemistry, 2009, 54, 172-179.	0.3	20
69	A facile route to the pentacyclic lamellarin skeleton via Grob reaction between 3-nitro-2-(trifluoromethyl)-2H-chromenes and 1,3,3-trimethyl-3,4-dihydroisoquinolines. Tetrahedron Letters, 2008, 49, 5376-5379.	0.7	31
70	A simple and convenient synthesis of 4-methyl-3-nitro-2-trihalomethyl-2H-chromenes from N-unsubstituted imines of 2-hydroxyacetophenones and trichloro(trifluoro)ethylidene nitromethanes. Tetrahedron, 2008, 64, 5055-5060.	1.0	40
71	Stereoselective synthesis of N-unsubstituted pyrazolidines from 3-nitro-2-trichloromethyl-2H-chromenes and hydrazine hydrate. Mendeleev Communications, 2007, 17, 52-53.	0.6	16
72	Reactions of 3-nitro-2-trihalomethyl-2H-chromenes with indole, N-methylindole, and N-methylpyrrole. Stereoselective synthesis of 4-azolyl-3-nitro-2-trihalomethylchromanes. Russian Chemical Bulletin, 2007, 56, 2054-2059.	0.4	11

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73	Reaction of Polyhaloalkyl-Substituted Chromones, Pyrones, and Furanones with Salicylaldehydes as a Direct Route to Fused 2H-Chromenes. Journal of Organic Chemistry, 2006, 71, 4538-4543.	1.7	40
74	Reactions of 3-nitro-2-trihalomethyl-2H-chromenes with S-and N-nucleophiles. Synthesis and stereochemistry of 2,3,4-trisubstituted chromanes. Russian Chemical Bulletin, 2006, 55, 317-330.	0.4	19
75	Reactions of 3-nitro-2-trihalomethyl-2H-chromenes with C-nucleophiles. Synthesis of 3-nitro-4-(pyrazol-4-yl)-2-trihalomethylchromanes. Russian Chemical Bulletin, 2006, 55, 2020-2031.	0.4	18
76	Synthesis of 3-substituted 2-trifluoro(trichloro)methyl-2H-chromenes by reaction of salicylaldehydes with activated trihalomethyl alkenes. Heteroatom Chemistry, 2005, 16, 492-496.	0.4	57
77	3,3,3-Trifluoro-Nâ€²-(3-trifluoromethylphenyl)-1,2-propanediamine and its N-mono-and N,N-dicarboxyethyl derivatives: synthesis, protolytic and complexation properties. Russian Chemical Bulletin, 2005, 54, 2545-2549.	0.4	1
78	Synthesis of 2,3,4-Trisubstituted Chromans Via Nucleophilic Addition of N-, C-, and SNucleophiles to 3-Nitro-2-Trihalomethyl-2H-Chromenes. Stereochemical and Conformational Preferences. Letters in Organic Chemistry, 2005, 2, 616-620.	0.2	19
79	Novel 1-Trifluoromethyl Substituted 1,2-Ethylenediamines and Their use for the Synthesis of Fluoroquinolones. Tetrahedron, 2000, 56, 1923-1927.	1.0	8
80	Reactions of 3-amino-1-phenyl- and 3-amino-1-(thien-2-yl)-4,4,4-trifluorobut-2-en-1-ones with 1,2-diaminopropane and 1,2-diamino-3,3,3-trifluoropropane. Russian Chemical Bulletin, 1999, 48, 2112-2116.	0.4	7