

Volodymir P Khilya

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Conformationally rigid cyclic β -amino acids in the design of peptidomimetics, peptide models and biologically active compounds. <i>Russian Chemical Reviews</i> , 2004, 73, 785-810.	2.5	67
2	Neoflavones. 1. Natural Distribution and Spectral and Biological Properties. <i>Chemistry of Natural Compounds</i> , 2003, 39, 54-121.	0.2	62
3	Neoflavones. 2. Methods for Synthesizing and Modifying 4-Arylcoumarins. <i>Chemistry of Natural Compounds</i> , 2005, 41, 245-271.	0.2	45
4	Modified Coumarins. 17. Synthesis and Anticoagulant Activity of 3,4-Cycloannelated Coumarin D-Glycopyranosides. <i>Chemistry of Natural Compounds</i> , 2005, 41, 508-512.	0.2	31
5	N-methylphenylalanyl-dehydrobutyrine diketopiperazine, an A-factor mimic that restores antibiotic biosynthesis and morphogenesis in <i>Streptomyces globisporus</i> 1912-B2 and <i>Streptomyces griseus</i> 1439. <i>Journal of Antibiotics</i> , 2015, 68, 9-14.	1.0	29
6	Electronic structure and spectral fluorescence properties of umbelliferone and herniarin. <i>Journal of Applied Spectroscopy</i> , 2007, 74, 626-634.	0.3	24
7	Synthesis of Chroman-2-ones by Reduction of Coumarins. <i>Synthesis</i> , 2009, 2009, 3533-3556.	1.2	20
8	Synthesis of cytosine derivatives of coumarins. <i>Chemistry of Natural Compounds</i> , 2007, 43, 590-593.	0.2	19
9	Synthesis and tautomerization of hydroxylated isoflavones bearing heterocyclic hemi-aminals. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 1053-1067.	1.5	19
10	Antineoplastic Isoflavonoids Derived from Intermediate <i>ortho</i> -Quinone Methides Generated from Mannich Bases. <i>ChemMedChem</i> , 2016, 11, 600-611.	1.6	19
11	Nucleophilic Homogeneous Hydrogenation by Iridium Complexes. <i>Synlett</i> , 2009, 2009, 271-275.	1.0	18
12	UV/vis absorption and fluorescence spectroscopic study of some new 4-hydroxy-7-methoxycoumarin derivatives. Part I: Effect of substitution by a benzo-1,4-dioxanyl or an ethyl furoate group in the 3-position. <i>New Journal of Chemistry</i> , 1999, 23, 923-927.	1.4	16
13	Synthesis of amino-acid derivatives of chrysin. <i>Chemistry of Natural Compounds</i> , 2008, 44, 704-711.	0.2	16
14	Synthesis of cytosine derivatives of flavonoids. 2. Aminomethylation of 7-hydroxyisoflavones. <i>Chemistry of Natural Compounds</i> , 2011, 47, 604-607.	0.2	16
15	Homogeneous hydrogenation of electron-deficient alkenes by iridium complexes. <i>Applied Organometallic Chemistry</i> , 2011, 25, 804-809.	1.7	16
16	Reaction of natural isoflavonoids and their analogs with hydroxylamine. <i>Chemistry of Natural Compounds</i> , 2007, 43, 402-407.	0.2	14
17	Synthesis and aminomethylation of 7-hydroxy-5-methoxyisoflavones. <i>Chemistry of Natural Compounds</i> , 2013, 49, 235-241.	0.2	14
18	Synthesis of pyrano[2,3-f]chromen-2,8-diones and pyrano[3,2-g]chromen-2,8-diones based on <i>o</i> -hydroxyformyl(acyl)neoflavonoids. <i>Chemistry of Natural Compounds</i> , 2008, 44, 16-23.	0.2	13

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19	Synthesis of flavonoid derivatives of cytosine. 1. aminomethylation of 7-hydroxy-3-aryl coumarins. <i>Chemistry of Natural Compounds</i> , 2010, 46, 771-773.	0.2	13
20	Modified Coumarins. 6. Synthesis of Substituted 5,6-Benzopsoralens. <i>Chemistry of Natural Compounds</i> , 2002, 38, 424-433.	0.2	12
21	New Aloperine-iso-flavone Conjugates. <i>Chemistry of Natural Compounds</i> , 2016, 52, 615-619.	0.2	11
22	Condensation of 2-(4-chlorophenyl)-1-(2,4-dihydroxyphenyl) ethanone with N,N-dimethylformamide dimethyl acetal: an effective approach to 3-(4-chlorophenyl)-7-methoxy-4H-chromen-4-one, N,O- and N,N-heterocycles. <i>Chemistry of Heterocyclic Compounds</i> , 2015, 51, 799-803.	0.6	9
23	Modified coumarins. 29. Synthesis of structural analogs of natural 6-arylfuro[3,2-g]chromen-7-ones. <i>Chemistry of Natural Compounds</i> , 2009, 45, 158-163.	0.2	8
24	An alternative approach to the synthesis of 5H-chromeno[4,3-b]pyridin-5-one system using the cleavage of 5H,9H-pyrano[2',3':5,6]chromeno[4,3-b]pyridine-5,9-diones with binucleophiles. <i>Chemistry of Heterocyclic Compounds</i> , 2018, 54, 96-99.	0.6	8
25	Recent Progress in the Synthesis of 4-Arylcoumarins. <i>Chemistry of Natural Compounds</i> , 2019, 55, 401-427.	0.2	8
26	Synthesis of chroman-4-ones by Reduction of Chromones. <i>Current Organic Synthesis</i> , 2010, 7, 276-309.	0.7	8
27	Modified Coumarins. 8. Synthesis of Substituted 5-(4-Methoxyphenyl)-7H-furo[3,2-g]chromen-7-ones. <i>Chemistry of Natural Compounds</i> , 2002, 38, 539-548.	0.2	7
28	Modified Coumarins. 12. Synthesis of 3,4-Cycloannelated Coumarin β -D-Glucopyranosides. <i>Chemistry of Natural Compounds</i> , 2004, 40, 6-12.	0.2	7
29	Spectral, luminescent, and lasing properties of 3-(benzothiazolyl-2)-7-hydroxy-and-8-hydroxycoumarins. <i>Optics and Spectroscopy (English Translation)</i> Tj ETQq1 1 0.27843147rgBT /Over	0.2	7
30	Modified coumarins. 26. Synthesis of angular dihydrooxazinocoumarins from 3-hydroxy[b,d]pyran-6-one. <i>Chemistry of Natural Compounds</i> , 2007, 43, 15-18.	0.2	7
31	Synthesis of 4-aryl-3-[2-hydroxy-4-(2-cytisin-12-ylethoxy)phenyl]pyrazoles. <i>Chemistry of Natural Compounds</i> , 2014, 50, 889-891.	0.2	7
32	Stereoselective synthesis of six stereoisomers of inherently chiral methoxy-propoxy-butoxy-methoxycarbonylmethoxy-tert-butylcalix[4]arene. <i>Tetrahedron Letters</i> , 2015, 56, 4788-4791.	0.7	7
33	Title is missing!. <i>Chemistry of Natural Compounds</i> , 2000, 36, 478-484.	0.2	6
34	Title is missing!. <i>Chemistry of Natural Compounds</i> , 2002, 38, 532-538.	0.2	6
35	Aminomethylation of formononetin and cladrin by primary amines. <i>Chemistry of Natural Compounds</i> , 2009, 45, 492-495.	0.2	6
36	Utilization of Aminophosphonates in the Petasis Boronic Acid Mannich Reaction. <i>Synlett</i> , 2010, 2010, 73-76.	1.0	6

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37	Synthesis of N-(phosphonomethyl)glycine derivatives and studies of their immunotropic activity. Russian Chemical Bulletin, 2011, 60, 712-718.	0.4	6
38	Cyclic Carboxylic Anhydrides as New Reagents for Formation of Chromone Ring. Journal of Heterocyclic Chemistry, 2014, 51, 768-774.	1.4	6
39	Modified Coumarins. 4. Synthesis and Biological Properties of Cyclopentaneannulated Furocoumarins. Chemistry of Natural Compounds, 2002, 38, 230-242.	0.2	5
40	A Versatile Synthesis of Heterocyclic Analogues of Neoflavonoids from α -Enamino Ketones. Synthesis, 2009, 2009, 1279-1286.	1.2	5
41	Luminescence characteristics of new substituted coumarins. Journal of Applied Spectroscopy, 2009, 76, 813-818.	0.3	5
42	7-Hydroxy-3-phenoxy-8-formylchromones, analogs of natural flavonoids. Chemistry of Natural Compounds, 2009, 45, 350-355.	0.2	5
43	Synthesis of Flavonoid Derivatives of Cytisine. 3. Synthesis of 7-[2-(Cytisin-12-yl)ethoxy]isoflavones. Chemistry of Natural Compounds, 2013, 48, 970-973.	0.2	5
44	Efficient synthesis of 1-oxo-3-aryl-1H-isochromene-4-carbaldehydes from enamino ketones of 2- α -carboxamidodeoxybenzoins. Tetrahedron Letters, 2017, 58, 245-247.	0.7	5
45	Aryl alkynoates in the radical synthesis of coumarins. Chemistry of Heterocyclic Compounds, 2019, 55, 300-306.	0.6	5
46	Reactions of 3-Arylisocoumarins with N-Nucleophiles – A Route to Novel Azaheterocycles. Current Topics in Medicinal Chemistry, 2018, 17, 3199-3212.	1.0	5
47	Reaction of Thiazole Analogs of Isoflavolignans with Amidines. Chemistry of Natural Compounds, 2001, 37, 307-310.	0.2	4
48	Title is missing!. Chemistry of Natural Compounds, 2003, 39, 177-181.	0.2	4
49	Modified coumarins. 13. Synthesis of cyclopentane-annulated pyranocoumarins. Chemistry of Natural Compounds, 2004, 40, 427-433.	0.2	4
50	Modified Coumarins. 16. Cyclohexane-Annulated Analogues of Pyranocoumarins. Chemistry of Natural Compounds, 2005, 41, 388-395.	0.2	4
51	Conformational Mobility of Substituted 2-Methoxychalcones under the Action of Lanthanide Shift Reagents. Russian Journal of Organic Chemistry, 2005, 41, 47-53.	0.3	4
52	Highly efficient glucosylation of flavonoids. Monatshefte für Chemie, 2009, 140, 1503-1512.	0.9	4
53	Modified coumarins. 28. Synthesis of spirosubstituted pyranocoumarins. Chemistry of Natural Compounds, 2009, 45, 152-157.	0.2	4
54	Convenient synthetic method for 6-substituted derivatives of 4-methylumbelliferone. Chemistry of Natural Compounds, 2012, 48, 751-756.	0.2	4

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55	Synthesis of aminomethyl derivatives of sophoricoside. Chemistry of Natural Compounds, 2012, 48, 26-29.	0.2	4
56	Synthesis of 4-Aryl-5-[2-Hydroxy-4- $\hat{1}$ -(N,N-Dialkylamino) Ethoxyphenyl]Isoxazoles. Chemistry of Natural Compounds, 2013, 49, 826-829.	0.2	4
57	3-Arylisocoumarins with Amino-Acid Fragments. Chemistry of Natural Compounds, 2014, 50, 638-643.	0.2	4
58	Synthesis of Flavonoid Derivatives of Cytisine. 4. Synthesis of 3-aryl-7-[2-(cytisin-12-yl)ethoxy]Coumarins. Chemistry of Natural Compounds, 2014, 50, 420-423.	0.2	4
59	Synthesis of Aloperine-Containing Mannich Bases of Isoflavones. Chemistry of Natural Compounds, 2015, 51, 643-645.	0.2	4
60	8-(Methyl(phenyl)sulfonyl)-2,6-dihydroimidazo[1,2-c]-pyrimidin-5(3D)-ones and 9-(methyl(phenyl)sulfonyl)-2,3,4,7-dihydro-6H-pyrimido[1,6-a]pyrimidin-6-ones: synthesis and antiviral activity. Chemistry of Heterocyclic Compounds, 2019, 55, 401-407.	0.6	4
61	Thiazole Analogs of Isoflavolignans. Chemistry of Natural Compounds, 2000, 36, 574-578.	0.2	3
62	Modified Coumarins. II. Mannich Reaction of Substituted 4-Phenylcoumarins. Chemistry of Natural Compounds, 2000, 36, 485-492.	0.2	3
63	Modified Coumarins. 5. Amino-Acid Derivatives of 3-Hydroxy-7,8,9,10-tetrahydrobenzo[c]Chromen-6-one. Chemistry of Natural Compounds, 2002, 38, 416-423.	0.2	3
64	Modified Coumarins. 19. Synthesis of Neoflavone D-Glycopyranosides. Chemistry of Natural Compounds, 2005, 41, 663-668.	0.2	3
65	Synthesis of dipeptide derivatives of 3,4-substituted 7-hydroxycoumarins. Chemistry of Natural Compounds, 2008, 44, 301-305.	0.2	3
66	Highly Efficient Synthesis of (Phosphinodihydrooxazole)-(1,5-cyclooctadiene) Iridium Complexes. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2009, 64, 1147-1158.	0.3	3
67	Synthesis of 6-(3-Pyrazolyl)-4-Methylumbelliferone Derivatives Substituted on the Pyrazole Ring. Chemistry of Natural Compounds, 2015, 51, 630-633.	0.2	3
68	Synthesis Of 4-Aryl-5-[2-Hydroxy-4-(2-Cytisin-12-Ylethoxy)Phenyl]Isoxazoles. Chemistry of Natural Compounds, 2016, 52, 463-467.	0.2	3
69	Functionalized 2'-carboxamidodeoxybenzoin by ring opening of 3-aryl-1H-isochromen-1-ones with secondary amines. Chemistry of Heterocyclic Compounds, 2016, 52, 275-278.	0.6	3
70	Neoflavonoid Angelicin Derivatives. Chemistry of Natural Compounds, 2019, 55, 716-718.	0.2	3
71	Synthesis of amino acid derivatives of 7-methoxycarbonylneoflavones. Chemistry of Natural Compounds, 1999, 35, 415-419.	0.2	2
72	MODIFIED COUMARINS. 3. PSORALEN AND ALLOPSORALEN ANALOGS. Chemistry of Natural Compounds, 2001, 37, 409-420.	0.2	2

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73	Amino-Acid Derivatives of 3-Phenoxychromones. Chemistry of Natural Compounds, 2001, 37, 32-38.	0.2	2
74	Effect of Lanthanide Shift Reagents on the Conformation of 2- β -Methoxychalcones in Solution. Journal of Structural Chemistry, 2001, 42, 309-311.	0.3	2
75	Synthesis of N-Acetylglucosaminides with Coumarin and Chromone Aglycones. Chemistry of Natural Compounds, 2002, 38, 149-153.	0.2	2
76	Modified Coumarins. 11. Synthesis and Biological Activity of Mannich Bases of Substituted 1,3-Dihydrocyclopenta[c]chromen-4-ones. Chemistry of Natural Compounds, 2003, 39, 330-336.	0.2	2
77	Modified coumarins. 15. Condensed psoralen derivatives based on substituted dibenzo[b,d]pyran-6-ones. Chemistry of Natural Compounds, 2004, 40, 535-540.	0.2	2
78	Amino-Acid and Dipeptide Derivatives of 2-(6-ethyl-4-oxo-3-(4-phenyl-4H-1,2,4-triazol-3-yl)-4H-chromen-7-yloxy)acetic Acid. Chemistry of Natural Compounds, 2005, 41, 533-538.	0.2	2
79	Luminescent analysis of photoinduced detoxification of substituted furocoumarins. Journal of Applied Spectroscopy, 2008, 75, 236.	0.3	2
80	Modified coumarins. 30. Synthesis of 6-heteroarylcoumarins. Chemistry of Natural Compounds, 2009, 45, 164-168.	0.2	2
81	Amino-acid derivatives of 2-(4-oxo-1,2,3,4-tetrahydrocyclopenta[c]chromen-7-yloxy)acetic acid. Chemistry of Natural Compounds, 2012, 48, 757-760.	0.2	2
82	3-Aryl-3,4-Dihydroisocoumarins with Amino-Acid Fragments. Chemistry of Natural Compounds, 2016, 52, 595-601.	0.2	2
83	Synthesis of 6-Isoxazolyl Derivatives of 4-Methylumbelliferone. Chemistry of Natural Compounds, 2017, 53, 642-645.	0.2	2
84	Synthesis of Isoflavone-Anabasine Conjugates. Chemistry of Natural Compounds, 2018, 54, 1068-1071.	0.2	2
85	An efficient synthesis of novel 11H-chromeno[3',2':3,4]pyrrolo-[2,1-b][1,3]thiazol-11-one heterocyclic system. Chemistry of Heterocyclic Compounds, 2019, 55, 469-472.	0.6	2
86	Amino-Acid Derivatives of Pyranocoumarins. Chemistry of Natural Compounds, 2020, 56, 832-836.	0.2	2
87	Antiproliferative activities of some 7-hydroxy-3-aryloxy-2-trifluoromethyl-4H-4-chromenone derivatives against 60 human cancer cell lines. Biopolymers and Cell, 2004, 20, 159-163.	0.1	2
88	Amino acid derivatives of 2-R-7-hydroxy-3- β ,4- β -ethylenedioxyisoflavones. Chemistry of Natural Compounds, 1999, 35, 301-304.	0.2	1
89	Synthetic analogs of natural flavolignans IX. Synthesis of 3-amino-substituted analogs of hydrocarpin. Chemistry of Natural Compounds, 1999, 35, 159-161.	0.2	1
90	Synthetic analogs of naturally occurring flavolignans. X. Reaction of flavones and their thioderivatives with hydroxylamine. Chemistry of Natural Compounds, 2000, 36, 47-50.	0.2	1

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91	Synthesis of Glycosides of a Muramoyldipeptide with Chromone Aglycones. <i>Chemistry of Natural Compounds</i> , 2001, 37, 39-42.	0.2	1
92	Modified coumarins. 21. Synthesis of neoflavones produced by <i>Marila pluricostata</i> and their derivatives. <i>Chemistry of Natural Compounds</i> , 2006, 42, 129-132.	0.2	1
93	Modified coumarins. 24. Synthesis of cycloheptane-annellated tetracyclic furocoumarins. <i>Chemistry of Natural Compounds</i> , 2006, 42, 656-664.	0.2	1
94	Structure and spectral-fluorescent properties of 6-pyrazolyl-4-methylumbelliferone. <i>High Energy Chemistry</i> , 2012, 46, 177-182.	0.2	1
95	Synthesis of N-acetylglucosaminides of Isoflavone Derivatives. <i>Chemistry of Natural Compounds</i> , 2014, 49, 1011-1014.	0.2	1
96	Synthesis of Muramyl Dipeptide Isoflavone Glycoside. <i>Chemistry of Natural Compounds</i> , 2014, 49, 1015-1018.	0.2	1
97	Furo[2,3-h]Chromones and Pyrano[2a [€] ,3a [€] :5,6]Chromeno [4,3-B]Pyridines Based on Natural Isoflavones. <i>Chemistry of Natural Compounds</i> , 2018, 54, 1064-1067.	0.2	1
98	Synthesis and Modification of 6-thiazolyl-4-methylumbelliferone. <i>Chemistry of Natural Compounds</i> , 2018, 54, 439-442.	0.2	1
99	Synthesis of Benzofurans Modified by Coumarin and Pyrazole Heterocycles. <i>Chemistry of Natural Compounds</i> , 2020, 56, 1060-1063.	0.2	1
100	Synthesis of 7-Hydroxy-8-Methyl-4'-Methoxy-6-Formylisoflavone and Linear Hetarenochromones Based on It. <i>Chemistry of Natural Compounds</i> , 2020, 56, 420-422.	0.2	1
101	Inhibitors of cyclin-dependent kinases. Synthesis of combinatorial libraries of 3-phenoxy-7-hydroxy-8-alkylaminomethylchromone derivatives and study on their anticancer activity. <i>Biopolymers and Cell</i> , 2003, 19, 196-201.	0.1	1
102	The evaluation of 2.3-diazepine influence on tissue respiration of the liver and its exocrine function in rats with a rotenone model of Parkinsonâ€™s disease. <i>Biopolymers and Cell</i> , 2019, 35, 356-370.	0.1	1
103	Amino acid sulfonamides based on 4-(1-oxo-1H-isochromen-3-yl)benzenesulfonyl chloride. <i>Ukrainica Bioorganica Acta</i> , 2020, 15, 27-32.	0.1	1
104	Features of the synthesis and biological evaluation of 3-(carboxyphenyl)chromones. <i>Ukrainica Bioorganica Acta</i> , 2020, 15, 3-12.	0.1	1
105	Synthetic analogs of naturally occurring flavolignans. XI. Reaction of synthetic flavone analogs with hydrazine hydrate and its derivatives. <i>Chemistry of Natural Compounds</i> , 2000, 36, 51-53.	0.2	0
106	Title is missing!. <i>Chemistry of Natural Compounds</i> , 2001, 37, 25-28.	0.2	0
107	Spectral and luminescent properties of sensitizers based on psoralen substitutes. <i>Russian Physics Journal</i> , 2008, 51, 706-713.	0.2	0
108	Structure and spectral-luminescent properties of 6-isoxazolyl-7-hydroxycoumarins. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2012, 112, 506-513.	0.2	0

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109	Conjugation of the Alkaloid Anabasine to Coumarins. Chemistry of Natural Compounds, 2019, 55, 628-631.	0.2	0