

# Valery F Traven

## List of Publications by Year in descending order

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566801

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500791

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	The role of the intermolecular $\pi\cdots\pi$ interactions in the luminescence behavior of novel coumarin-based pyrazoline materials. <i>Dyes and Pigments</i> , 2021, 186, 108942.	2.0	9
2	Steric structure of 3-(5-phenyl-1H-pyrazol-3-yl)coumarins. <i>Journal of Molecular Structure</i> , 2020, 1207, 127765.	1.8	1
3	Efficient Photooxidation of Aryl(hetaryl)pyrazolines by Benzoquinone. <i>Photochemistry and Photobiology</i> , 2019, 95, 924-930.	1.3	3
4	On the Mechanism of Photodehydrogenation of Aryl(hetaryl)pyrazolines in the Presence of Perchloroalkanes. <i>Photochemistry and Photobiology</i> , 2018, 94, 659-666.	1.3	11
5	(7-Dialkylamino-3-coumarinyl)pyrazolines – new effective push-pull photogenerators of acidity. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 351, 8-15.	2.0	16
6	Media with photoinduced irreversible fluorescence. <i>Heterocyclic Communications</i> , 2015, 21, 133-143.	0.6	4
7	Structure and condensation reactions of acyl(hydroxy)pyrido[1,2-a]indole borodifluoride complexes. <i>Russian Chemical Bulletin</i> , 2015, 64, 883-890.	0.4	0
8	$\pi$ -Donors microstructuring on surface of polymer film by their noncovalent interactions with iodine. <i>Materials Chemistry and Physics</i> , 2015, 160, 161-167.	2.0	2
9	Synthesis of 3-aminomethyl-4-hydroxycoumarins and their retro-Mannich reaction in dimethyl sulfoxide. <i>Russian Chemical Bulletin</i> , 2015, 64, 423-428.	0.4	1
10	Synthesis of (4-arylpyrrolidin-2-ylidene) derivatives of cyclic $\beta$ -dicarbonyl compounds from cinnamoyl precursors. <i>Russian Journal of Organic Chemistry</i> , 2014, 50, 1598-1612.	0.3	4
11	A new (TTF) <sub>11</sub> I <sub>8</sub> organic molecular conductor: from single crystals to flexible all-organic piezoresistive films. <i>Journal of Materials Chemistry C</i> , 2014, 2, 139-146.	2.7	6
12	Aryl(hetaryl)pyrazolines as new photoacid generators for optical information recording. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2014, 295, 34-39.	2.0	15
13	Tautomeric Forms of 3-Formyl- 4-Hydroxycoumarin Arylhydrazones. <i>Chemistry of Heterocyclic Compounds</i> , 2014, 50, 1081-1089.	0.6	3
14	NIR-fluorescent coumarin-fused BODIPY dyes with large Stokes shifts. <i>Chemical Communications</i> , 2013, 49, 11653.	2.2	133
15	Photoactivation of fluorescence of rhodamine dyes in the presence of haloalkanes. <i>Russian Chemical Bulletin</i> , 2013, 62, 1195-1200.	0.4	5
16	Synthesis and photochromism of aryl(heteroaryl)- and diheteroarylethenes – coumarin derivatives. <i>Heterocyclic Communications</i> , 2013, 19, .	0.6	10
17	Synthesis and structure of Schiff bases derived from 3-formyl-4-hydroxycoumarin and diamines. <i>Chemistry of Heterocyclic Compounds</i> , 2013, 48, 1781-1792.	0.6	10
18	Synthesis of 3-(5-Methylthiophen-2-yl)coumarins and Their Photochromic Dihetarylethene Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2013, 50, 891-898.	1.4	8

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19	Structures and biological activity of cinnamoyl derivatives of coumarins and dehydroacetic acid and their boron difluoride complexes. Russian Chemical Bulletin, 2012, 61, 78-90.	0.4	8
20	Hydrazones derived from thiooxamohydrazides and 3-formyl-4-hydroxycoumarin: synthesis, structures, and fragmentation. Russian Chemical Bulletin, 2012, 61, 2311-2321.	0.4	13
21	Opening of furanone ring of 2,3-dihydrofuro[3,2-c]coumarin-3-one derivatives by arylhydrazines. Heterocyclic Communications, 2012, 18, 1-5.	0.6	2
22	New reactions, functional compounds, and materials in the series of coumarin and its analogs. Russian Chemical Bulletin, 2012, 61, 1342-1362.	0.4	28
23	Z/E(C=C)-isomerization and fluorescence modulation of imines of 7-N,N-dialkylamino-4-hydroxy-3-formylcoumarins in organic solvents. Heterocyclic Communications, 2011, , --.	0.6	0
24	Structure and condensation reactions of 2,3-dihydrofuro[3,2-c]coumarin-3-one. Russian Chemical Bulletin, 2011, 60, 1906-1916.	0.4	3
25	The first series of 4,11-bis[(2-aminoethyl)amino]anthra[2,3-b]furan-5,10-diones: Synthesis and anti-proliferative characteristics. European Journal of Medicinal Chemistry, 2011, 46, 423-428.	2.6	29
26	Transformations of coumarins accompanied by intermediate opening and recyclization of the lactone ring 3.* Study of the reactions of 3-ethoxy-carbonylcoumarins with cyanoacetyl-hydrazines by NMR spectroscopy. Chemistry of Heterocyclic Compounds, 2010, 46, 37-49.	0.6	3
27	Electronic structure of $\pi$ -systems. Studies of electronic structures and tautomeric transformations of a series of 4-methyl-8-(R-phenylazo)dihydrofuro[2,3-h]coumarin-9-ones. Russian Chemical Bulletin, 2010, 59, 960-966.	0.4	0
28	Structure and solvatochromic properties of the azo coupling products of 2,3-dihydrofuro[3,2-c]coumarin-3-one. Russian Chemical Bulletin, 2010, 59, 967-973.	0.4	0
29	E/Z(C=C)-Isomerization of enamines of 3-formyl-4-hydroxycoumarin induced by organic solvents. Russian Chemical Bulletin, 2010, 59, 1605-1611.	0.4	11
30	Dihydrofuran ring opening in the reactions of 2,3-dihydrofuro[3,2-c]coumarin-3-one with arylhydrazines. Russian Chemical Bulletin, 2010, 59, 1612-1620.	0.4	3
31	Novel photochromic 3-(3-coumarinyl)-4-(3-thienyl)maleic acid cyclic derivatives. Mendeleev Communications, 2010, 20, 22-24.	0.6	7
32	2-Quinolone and coumarin polymethines for the detection of proteins using fluorescence. Dyes and Pigments, 2010, 84, 159-164.	2.0	27
33	Z/E(C=C)-isomerization and fluorescence modulation of imines of 7-N,N-dialkylamino-4-hydroxy-3-formylcoumarins in organic solvents. Heterocyclic Communications, 2010, 16, .	0.6	2
34	Z/E(C=C)-isomerization of coumarin enamines induced by organic solvents. Mendeleev Communications, 2009, 19, 214-216.	0.6	20
35	Synthesis and structure of 4-hydroxy-3-pyridylcoumarins. Chemistry of Heterocyclic Compounds, 2009, 45, 1449-1454.	0.6	3
36	Coumarinyl(thienyl)thiazoles as new fluorescent molecular photoswitches. Russian Chemical Bulletin, 2009, 58, 162-169.	0.4	7

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37	Reactions of 2,3-dihydrofuro[3,2-c]coumarin-3-one with aromatic amines. Russian Chemical Bulletin, 2009, 58, 1908-1914.	0.4	1
38	New reaction of photoaromatization of aryl- and hetarylpyrazolines. Russian Chemical Bulletin, 2008, 57, 1063-1069.	0.4	18
39	Synthesis and structure of new 3-pyrazolinylcoumarins and 3-pyrazolinyl-2-quinolones. Russian Chemical Bulletin, 2008, 57, 1508-1515.	0.4	12
40	Synthesis and condensation reactions of the boron difluoride complex with 3-acetyl-4-hydroxy-1-methyl-2-quinolone. Russian Chemical Bulletin, 2008, 57, 1734-1739.	0.4	10
41	Solvent-induced E/Z(C=N)-isomerization of imines of some hydroxy-substituted formylcoumarins. Russian Chemical Bulletin, 2008, 57, 1989-1995.	0.4	14
42	Discovery of 3-acetyl-4-hydroxy-2-pyranone derivatives and their difluoridoborate complexes as a novel class of HIV-1 integrase inhibitors. Bioorganic and Medicinal Chemistry, 2008, 16, 8988-8998.	1.4	36
43	Coumarin Polymethines, Their Boron Complexes and Analogs. Topics in Heterocyclic Chemistry, 2008, , 107-131.	0.2	6
44	Synthesis and photoinduced fluorescence of 3-(2-hetarylethenyl)chromen-2-ones. Russian Journal of Organic Chemistry, 2008, 44, 595-601.	0.3	10
45	Synthesis and photochemical properties of phenoxy derivatives of anthra[2,3-b]furan-5,10-dione. Russian Journal of Organic Chemistry, 2008, 44, 855-862.	0.3	4
46	Synthesis and reactions of dehydracetic acid difluoroborane complex. Russian Journal of Organic Chemistry, 2008, 44, 1054-1060.	0.3	7
47	Coumarinyl(thienyl)thiazoles: Novel Photochromes with Modulated Fluorescence. Organic Letters, 2008, 10, 1319-1322.	2.4	51
48	Unusual E/Z-isomerization of 7-hydroxy-4-methyl-8-[(9H-fluoren-2-ylimino)methyl]-2H-1-benzopyran-2-one in acetonitrile. Mendeleev Communications, 2007, 17, 88-89.	0.6	11
49	Synthesis and fluorescence of anthra[2,3-b]furan-5,10-dione derivatives. Russian Journal of Organic Chemistry, 2007, 43, 1686-1695.	0.3	10
50	Photochromism of indoline spiropyrans of the coumarin series in polymeric matrices. Russian Chemical Bulletin, 2007, 56, 904-909.	0.4	6
51	Quantitative photooxidation of 4-hydroxy-3-pyrazolinylcoumarins to pyrazolyl derivatives. Mendeleev Communications, 2007, 17, 345-346.	0.6	15
52	Synthesis and structures of boron complexes of acyl hydroxy coumarins. Russian Chemical Bulletin, 2006, 55, 2091-2094.	0.4	10
53	Boron chelates in the synthesis of $\alpha,\beta$ -unsaturated ketones of the coumarin series. Russian Chemical Bulletin, 2006, 55, 2226-2232.	0.4	13
54	HeI photoelectron spectra and X-ray crystal structure of 2,2-difluoro-4-methyl-5,6-[2H-benzopyrano(3,4-e)-2-one]-1,3,2-dioxaborine. Journal of Electron Spectroscopy and Related Phenomena, 2005, 149, 6-10.	0.8	10

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55	Spectral Study of Interactions of 4,8,4-Trimethylpsoralen and 4,4-Dimethylangelicin Dyes with DNA. <i>Biochemistry (Moscow)</i> , 2005, 70, 822-832.	0.7	5
56	Synthesis and structure of indoline spiropyran of the coumarin series. <i>Russian Chemical Bulletin</i> , 2005, 54, 2417-2424.	0.4	18
57	Photochromic properties of indoline spiropyran of the coumarin series. <i>Russian Chemical Bulletin</i> , 2005, 54, 2425-2431.	0.4	9
58	New Synthetic Routes to Furocoumarins and Their Analogs: A Review. <i>Molecules</i> , 2004, 9, 50-66.	1.7	32
59	NEW SYNTHESSES OF FUROQUINOLINE DERIVATIVES. <i>Heterocyclic Communications</i> , 2004, 10, .	0.6	1
60	New Synthetic Routes to Furocoumarins and Their Analogues. <i>ChemInform</i> , 2004, 35, no.	0.1	0
61	Aggregation, spectral features and nonlinear properties of polymolecular layers based on spirocoumarinpyrans. <i>Superlattices and Microstructures</i> , 2004, 36, 73-77.	1.4	9
62	Dependence of Fluorescence Properties of Compounds from Psoralen, Angelicin, and Carbazole Series on the Character of Their Terminal Substituents. <i>Russian Journal of Organic Chemistry</i> , 2003, 39, 881-889.	0.3	6
63	Polymethine dyes derived from boron complexes of acetylhydroxycoumarins. <i>Dyes and Pigments</i> , 2003, 58, 41-46.	2.0	41
64	CONDENSATION OF 1,2-DIAMINOIMIDAZOLES WITH ISATINS. <i>Heterocyclic Communications</i> , 2002, 8, .	0.6	0
65	HeI photoelectron spectra and structure of 4-hydroxycoumarin. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2002, 122, 47-55.	0.8	11
66	Electronic Structure of 1,5-Cyclooctadiene-copper(I)-hexafluoroacetylacetonate. <i>Journal of Physical Chemistry A</i> , 2001, 105, 8200-8205.	1.1	5
67	Electronic Structure of $\pi$ -Systems: XIX. Keto-Enol Tautomerism of Dihydrofurocoumarinones. <i>Russian Journal of General Chemistry</i> , 2001, 71, 546-552.	0.3	1
68	Title is missing!. <i>Russian Journal of General Chemistry</i> , 2001, 71, 945-949.	0.3	1
69	New Synthesis of 8-Alkoxy-carbonylangelicins. <i>Russian Journal of Organic Chemistry</i> , 2001, 37, 1008-1012.	0.3	3
70	HeI photoelectron spectra and $\pi$ -electronic structure of substituted 1,3,2,4-benzodithiadiazines, formally antiaromatic 12 $\pi$ -electron compounds. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2000, 107, 33-38.	0.8	8
71	NEW WAYS OF LACTONE RING SHORTENING AND CYCLOPROPANATION IN COUMARIN DERIVATIVES. <i>Heterocyclic Communications</i> , 1999, 5, .	0.6	1
72	THE FIRST PYRROLOFUROCOUMARINS. <i>Heterocyclic Communications</i> , 1999, 5, .	0.6	0

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73	UNUSUAL ONE-POT "SUBSTITUTION" OF 3- ACETYL AND 3- ETHOXYCARBONYL FUNCTIONS FOR CYANO GROUP IN COUMARINS. <i>Heterocyclic Communications</i> , 1998, 4, .	0.6	7
74	Unusual transformation of 4-methyldihydrofuro[2,3-h]coumarin-9-one oxime in presence of Beckmann rearrangement catalysts. <i>Heterocyclic Communications</i> , 1997, 3, .	0.6	1
75	THE BASE-CATALYZED CYCLIZATION OF ACYLMETHYL ETHERS OF 7-HYDROXYCOUMARINS. <i>Heterocyclic Communications</i> , 1997, 3, .	0.6	7
76	Ketoâ€“enol tautomerism, NMR spectra, and Hâ€“D exchange of 4-hydroxycoumarins. <i>Canadian Journal of Chemistry</i> , 1997, 75, 377-383.	0.6	38
77	Electronic absorption spectra and structure of hydroxycoumarin derivatives and their ionized forms. <i>Canadian Journal of Chemistry</i> , 1997, 75, 365-376.	0.6	41
78	The first synthesis of furocoumarin dimers. <i>Mendeleev Communications</i> , 1997, 7, 249-250.	0.6	7
79	A New Short Way to Furocoumarins. <i>Heterocyclic Communications</i> , 1996, 2, .	0.6	9
80	Selective O-glucosylation of 4,7-dihydroxycoumarin. <i>Heterocyclic Communications</i> , 1996, 2, .	0.6	1
81	New Methods of Synthesis of 4-Methylangelicin. <i>Mendeleev Communications</i> , 1995, 5, 21-22.	0.6	5
82	Synthesis of 2,24-Diepicasterone and its 22S,23S-Isomer: Novel Brassinosteroids with a trans-2,3-Diol Function. <i>Mendeleev Communications</i> , 1994, 4, 96-97.	0.6	5
83	Orbital Control in the Dimerization of Polycyclic Aromatic Ketones and Quinones in the Presence of Alkali Metal Alcoholates. <i>Mendeleev Communications</i> , 1993, 3, 216-217.	0.6	2
84	Charge-Transfer Complexes of Organosilicon Compounds. <i>Advances in Organometallic Chemistry</i> , 1992, , 149-206.	0.5	8
85	Semi-empirical calculations of the electronic structure of 3,3-dimethyl-3-silathietane. <i>Computational and Theoretical Chemistry</i> , 1992, 262, 1-5.	1.5	2
86	Transannular donorâ€“acceptor interaction in dibenzochalcogeno-silonines. Crystal and molecular structure of 13,13-diphenyl-8,13-dihydro-5H-dibenzo[d,g][1,2,6]dithiasilonine. <i>Journal of Organometallic Chemistry</i> , 1988, 347, 33-39.	0.8	6
87	Crystal and molecular structure of 13,13-dimethyl-8,13-dihydro-5H-Dibenzo[d, g][1.2.6]diselenagermonine and 13,13-diphenyl-8,13-dihydro-5H-dibenzo[d, g][1.2.6]diselenasilonine. <i>Journal of Organometallic Chemistry</i> , 1986, 301, 273-281.	0.8	5
88	Molecular and crystal structure of 13,13-dimethyl-8,13-dihydro-5H-dibenzo[d, g]-1,2-diselena-6-silonine. <i>Journal of Organometallic Chemistry</i> , 1985, 290, 25-31.	0.8	4
89	Crystal and molecular structure of 13,13-dimethyl-8,13-dihydro-5H-dibenzo[d,g][1.2.6]dithiasilonine. <i>Journal of Organometallic Chemistry</i> , 1984, 266, 117-121.	0.8	9
90	Polarizability anisotropy of some phenyl- and benzylsilanes. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , 1982, 31, 1821-1823.	0.0	0

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91	Structure of 10,10-dimethylphenothiasiline and its chloromethyl derivative. Journal of Structural Chemistry, 1982, 22, 926-928.	0.3	0
92	Structure of 10,10-dimethylphenothiasiline 9,9-dioxide and 10,10,11,11-tetramethylphenothiadisiline. Journal of Structural Chemistry, 1981, 22, 457-457.	0.3	0
93	Mass-spectrometric study of phenothiasilines and of their derivatives and analogs. Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 1981, 30, 1311-1313.	0.0	0
94	Charge-transfer complexing between permethylpolysilanes and tetracyanoethylene. Journal of the American Chemical Society, 1973, 95, 6824-6826.	6.6	111