Pavel DRASAR

List of Publications by Year in descending order

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111 papers	1,139 citations	471509 17 h-index	26 g-index
112	112	112	1296
all docs	docs citations	times ranked	citing authors

DAVIEL DRASAR

#	Article	IF	CITATIONS
1	Isolation and Structure of a 20,21-Epoxybufenolide Series from "Ch'an Su― Journal of Natural Products, 2002, 65, 1001-1005.	3.0	57
2	Steroid–porphyrin conjugate for saccharide sensing in protic media. Organic and Biomolecular Chemistry, 2003, 1, 3458-3463.	2.8	48
3	Metal coordination as a tool for controlling the self-assembling and gelation properties of novel type cholic amide–phenanthroline gelating agent. Tetrahedron, 2003, 59, 4069-4076.	1.9	44
4	Polyamine derivatives of betulinic acid and β-sitosterol: A comparative investigation. Steroids, 2015, 100, 27-35.	1.8	36
5	Synthesis and solvent driven self-aggregation studies of meso-"C-glycoside―porphyrin derivatives. Organic and Biomolecular Chemistry, 2007, 5, 960-970.	2.8	35
6	Investigation of new acyloxy derivatives of cholic acid and their esters as drug absorption modifiers. Steroids, 2011, 76, 1082-1097.	1.8	30
7	Novel Deep Cavity Calix[4]pyrroles Derived from Steroidal Ketones. Supramolecular Chemistry, 2002, 14, 237-244.	1.2	28
8	Spectroscopic, Morphological, and Mechanistic Investigation of the Solventâ€Promoted Aggregation of Porphyrins Modified in <i>meso</i> â€Positions by Glucosylated Steroids. Chemistry - A European Journal, 2011, 17, 13743-13753.	3.3	28
9	Tailor-Made Fluorescent Trilobolide To Study Its Biological Relevance. Journal of Medicinal Chemistry, 2014, 57, 7947-7954.	6.4	28
10	Steroids and related natural products. 104. Bufadienolides. 36. Synthesis of bufalitoxin and bufotoxin. Journal of Organic Chemistry, 1987, 52, 3573-3578.	3.2	27
11	Preparation, preliminary screening of new types of steroid conjugates and their activities on steroid receptors. Steroids, 2013, 78, 356-361.	1.8	26
12	Dodecyl Amino Glucoside Enhances Transdermal and Topical Drug Delivery via Reversible Interaction with Skin Barrier Lipids. Pharmaceutical Research, 2017, 34, 640-653.	3.5	22
13	Polyamine conjugates of stigmasterol. Steroids, 2012, 77, 1212-1218.	1.8	21
14	New propanoyloxy derivatives of 5β-cholan-24-oic acid as drug absorption modifiers. Steroids, 2013, 78, 435-453.	1.8	21
15	Synthesis and Cytotoxic Activity of Triterpenoid Thiazoles Derived from Allobetulin, Methyl Betulonate, Methyl Oleanonate, and Oleanonic Acid. ChemMedChem, 2017, 12, 390-398.	3.2	21
16	Growing Importance of Natural Products Research. Molecules, 2020, 25, 6.	3.8	20
17	Design and studies of novel polyoxysterol-based porphyrin conjugates. Steroids, 2012, 77, 1169-1175.	1.8	18
18	Structure and Biological Activity of Ergostane-Type Steroids from Fungi. Molecules, 2022, 27, 2103.	3.8	18

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19	Study of the supramolecular chiral assembly of meso-"C-glucoside―porphyrin derivatives in aqueous media. New Journal of Chemistry, 2008, 32, 2127.	2.8	17
20	Galactosyl Pentadecene Reversibly Enhances Transdermal and Topical Drug Delivery. Pharmaceutical Research, 2017, 34, 2097-2108.	3.5	17
21	Highly sensitive avidinâ€biotin ELISA for detection of nandrolone and testosterone in dietary supplements. Drug Testing and Analysis, 2017, 9, 553-560.	2.6	17
22	Glucosylated steroid-porphyrins as new tools for nanotechnology applications. New Journal of Chemistry, 2012, 36, 1246.	2.8	16
23	Estradiol dimer inhibits tubulin polymerization and microtubule dynamics. Journal of Steroid Biochemistry and Molecular Biology, 2018, 183, 68-79.	2.5	16
24	Stabilization of hyaluronan-based materials by peptide conjugation and its use as a cell-seeded scaffold in tissue engineering. Carbohydrate Polymers, 2018, 201, 300-307.	10.2	16
25	New polyfluorothiopropanoyloxy derivatives of 5β-cholan-24-oic acid designed as drug absorption modifiers. Steroids, 2013, 78, 832-844.	1.8	15
26	Tuning the chiroptical and morphological properties of steroidal-porphyrin aggregates: a mechanistic, structural, and MM investigation. Organic and Biomolecular Chemistry, 2014, 12, 3956-3963.	2.8	15
27	Trilobolide–porphyrin conjugates: On synthesis and biological effects evaluation. Steroids, 2015, 97, 8-12.	1.8	15
28	Trilobolide-steroid hybrids: Synthesis, cytotoxic and antimycobacterial activity. Steroids, 2017, 117, 97-104.	1.8	15
29	Synthesis of Symmetrical Bis-Steroid Pyrazines Connected via D-Rings. Collection of Czechoslovak Chemical Communications, 2000, 65, 1597-1608.	1.0	14
30	Brassinosteroid-BODIPY conjugates: Design, synthesis, and properties. Steroids, 2015, 102, 53-59.	1.8	14
31	Cyclopropanation reactions catalysed by dendrimers possessing one metalloporphyrin active site at the core: linear and sigmoidal kinetic behaviour for different dendrimer generations. Tetrahedron, 2016, 72, 1120-1131.	1.9	14
32	PEGylated Purpurin 18 with Improved Solubility: Potent Compounds for Photodynamic Therapy of Cancer. Molecules, 2019, 24, 4477.	3.8	14
33	Synthesis of Porphyrin Receptors Modified by Glycosylated Steroids. Collection of Czechoslovak Chemical Communications, 2004, 69, 1149-1160.	1.0	13
34	Synthesis of the sulfates derived from 5α-cholestane-3β, 6α-diol. Steroids, 1992, 57, 233-235.	1.8	12
35	Asymmetrically substituted calix[4]pyrrole with chiral substituents. Organic and Biomolecular Chemistry, 2011, 9, 682-683.	2.8	11
36	Amides derived from heteroaromatic amines and selected steryl hemiesters. Steroids, 2013, 78, 1347-1352.	1.8	11

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37	Synthesis and biological evaluation of nandrolone–bodipy conjugates. Steroids, 2015, 97, 62-66.	1.8	11
38	Hierarchical transfer of chiral information from the molecular to the mesoscopic scale by Langmuir–Blodgett deposition of tetrasteroid-porphyrins. New Journal of Chemistry, 2017, 41, 639-649.	2.8	11
39	Steroid Glycosides Hyrcanoside and Deglucohyrcanoside: On Isolation, Structural Identification, and Anticancer Activity. Foods, 2021, 10, 136.	4.3	11
40	Simple Syntheses of Steroidal 17β-(2′-Thiazolyl) Derivatives. Synthetic Communications, 1993, 23, 829-845.	2.1	10
41	Synthesis of spiroannulated oligopyrrole macrocycles derived from lithocholic acid. Steroids, 2009, 74, 715-720.	1.8	10
42	Steroid conjugates: Synthesis and preliminary biological testing of pro-juvenoids. Bioorganic and Medicinal Chemistry, 2010, 18, 8194-8203.	3.0	10
43	Heterocyclic sterol probes for live monitoring of sterol trafficking and lysosomal storage disorders. Scientific Reports, 2018, 8, 14428.	3.3	10
44	A Novel Indirect Preparation of Hemisuccinates. Synthetic Communications, 1984, 14, 501-506.	2.1	9
45	Linear Chaining of Etienic Acid Derivatives with the Amide Bond. Synthesis of Oligomeric Steroids. Collection of Czechoslovak Chemical Communications, 2001, 66, 933-946.	1.0	9
46	Preparation and preliminary biological screening of cholic acid–juvenoid conjugates. Steroids, 2009, 74, 779-785.	1.8	9
47	Synthesis of cholic acid based calixpyrroles and porphyrins. Steroids, 2012, 77, 858-863.	1.8	9
48	Large Scale Conversion of Trilobolide into the Payload of Mipsagargin: 8-O-(12-Aminododecanoyl)-8-O-Debutanoylthapsigargin. Biomolecules, 2020, 10, 1640.	4.0	9
49	Etienic etienate as synthon for the synthesis of steroid oligoester gelators. Steroids, 2005, 70, 615-625.	1.8	8
50	Succinobucol's New Coat — Conjugation with Steroids to Alter Its Drug Effect and Bioavailability. Molecules, 2011, 16, 9404-9420.	3.8	8
51	The effect of exogenous 24-epibrassinolide on the ecdysteroid content in the leaves of Spinacia oleracea L Steroids, 2015, 97, 107-112.	1.8	8
52	BODIPY-based fluorescent liposomes with sesquiterpene lactone trilobolide. Beilstein Journal of Organic Chemistry, 2017, 13, 1316-1324.	2.2	8
53	Inhibition of Na+, K+-ATPase by the Glycosides fromCoronilla varia. Planta Medica, 1992, 58, 467-468.	1.3	7
54	Permeability and diffusion coefficients of single methyl lactate enantiomers in Nafion® and cellophane membranes measured in diffusion cell. Separation and Purification Technology, 2016, 158, 322-332.	7.9	7

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55	Stanazolol derived ELISA as a sensitive forensic tool for the detection of multiple 17α-methylated anabolics. Steroids, 2020, 155, 108550.	1.8	7
56	Betulinic Acid Decorated with Polar Groups and Blue Emitting BODIPY Dye: Synthesis, Cytotoxicity, Cell-Cycle Analysis and Anti-HIV Profiling. Biomedicines, 2021, 9, 1104.	3.2	7
57	Glucosylation of Some Steroidal 17-Hydroxy Derivatives. Collection of Czechoslovak Chemical Communications, 1992, 57, 362-374.	1.0	7
58	Preparation of Steroid Hydroxy Sulfates. Synthetic Communications, 1990, 20, 1521-1529.	2.1	6
59	Stigmasterol-Based Novel Low Molecular Weight/Mass Organic Gelators. Molecules, 2011, 16, 9357-9367.	3.8	6
60	Synthesis of 17β-[4-(1,3-thiazolyl)]androstane 3β-hemisuccinate and glycoside. Collection of Czechoslovak Chemical Communications, 1984, 49, 1039-1050.	1.0	6
61	Synthesis of o-Carboranylmethyl Ethers of Steroids as Potential Target Substrates for Boron Neutron Capture Therapy. Collection of Czechoslovak Chemical Communications, 1992, 57, 463-471.	1.0	6
62	Synthesis of Linear Steroid Oligoesters Based on Etienic Acid. Collection of Czechoslovak Chemical Communications, 2002, 67, 1709-1718.	1.0	6
63	Synthesis of Several Hydroxylated 23-(Benzimidazol-2-yl-, Benzoxazol-2-yl and) Tj ETQq1 1 0.784314 rgBT /Overlo Communications, 1995, 60, 257-275.	ock 10 Tf 1.0	50 427 Td (8 5
64	Novel Juvenogens (Insect Hormonogenic Agents): Preparation and Biological Tests on Neobellieria bullata. Journal of Agricultural and Food Chemistry, 2009, 57, 10852-10858.	5.2	5
65	Steroids linked with amide bond—Extended cholesterol. Steroids, 2009, 74, 88-94.	1.8	5
66	The kinetic studies of the solvent-promoted aggregation of a steroid-porphyrin derivative. Journal of Porphyrins and Phthalocyanines, 2013, 17, 889-895.	0.8	5
67	Bioavailability and structural study of 20-hydroxyecdysone complexes with cyclodextrins. Steroids, 2019, 147, 37-41.	1.8	5
68	Glucosylation of 5-androsten-3β-ol derivatives containing butenolide, furan or unsaturated ester moieties in the side chain. Collection of Czechoslovak Chemical Communications, 1984, 49, 881-891.	1.0	5
69	Synthesis of 5α-Cholestane Type Glycoside Sulfates. Collection of Czechoslovak Chemical Communications, 1993, 58, 1180-1190.	1.0	5
70	Alternative syntheses of steroidal maleimides. Collection of Czechoslovak Chemical Communications, 1983, 48, 1224-1232.	1.0	4
71	New preparation of steroidal 3-hemisuccinates. Collection of Czechoslovak Chemical Communications, 1984, 49, 306-312.	1.0	4
72	Construction of the Side-Chain in 14β-Androst-5-ene Derivatives. Preparation of 14β-Pregnenolone. Collection of Czechoslovak Chemical Communications, 1994, 59, 2691-2704.	1.0	4

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73	Truxillic Acid Derivatives, Neuromuscular Blocking Agents with Very High Affinity for the Allosteric Binding Site of Muscarinic Acetylcholine Receptors. Collection of Czechoslovak Chemical Communications, 1999, 64, 1980-1992.	1.0	4
74	Synthesis and spectral-luminescence properties of the conjugate of 24-epibrassinolide with porphyrin. Journal of Applied Spectroscopy, 2009, 76, 542-546.	0.7	4
75	Describing the sorption characteristics of a ternary system of benzene (1) and alcohol (2) in a nonporous polymer membrane (3) by the <scp>F</scp> lory– <scp>H</scp> uggins model. Polymer Engineering and Science, 2015, 55, 1187-1195.	3.1	4
76	Novel approach to the preparation of hemisuccinates of steroids bearing tertiary alcohol group. Steroids, 2015, 97, 67-71.	1.8	4
77	Immunoassay for determination of trilobolide. Steroids, 2017, 117, 105-111.	1.8	4
78	Archangelolide: A sesquiterpene lactone with immunobiological potential from <i>Laserpitium archangelica</i> . Beilstein Journal of Organic Chemistry, 2019, 15, 1933-1944.	2.2	4
79	Regio- and stereoselective C–H functionalization of brassinosteroids. Steroids, 2019, 146, 92-98.	1.8	4
80	Synthesis of 4-(21-nor-5-pregnen-20-yl)-1,3-thiazole derivatives. Collection of Czechoslovak Chemical Communications, 1984, 49, 1051-1059.	1.0	4
81	Acrylate Side Chain Derivatives of 5β-Steroids. Collection of Czechoslovak Chemical Communications, 1993, 58, 2963-2976.	1.0	4
82	Plant Secondary Metabolites Used for the Treatment of Diseases and Drug Development. Biomedicines, 2022, 10, 576.	3.2	4
83	Reversed-phase high-performance liquid chromatographic separation of steroidal thiazoles. Journal of Chromatography A, 1984, 283, 396-400.	3.7	3
84	Antioxidative succinobucol–sterol conjugates: Crystal structures and pseudosymmetry in the crystals. Journal of Molecular Structure, 2012, 1011, 25-33.	3.6	3
85	Regio- and stereocontrolled synthesis of novel steroidal isoxazolines: A new route to the formation of selectively modified steroid side chains. Steroids, 2013, 78, 823-831.	1.8	3
86	Synthesis, crystal structure and NMR investigation of a new type of cyclic steroidal dimer based on brassinosteroids. Journal of Molecular Structure, 2013, 1032, 1-4.	3.6	3
87	Sorption of enantiomers and alcohols into Nafion® and the role of air humidity in the experimental data evaluation. Separation and Purification Technology, 2015, 144, 232-239.	7.9	3
88	Porphyrins with directly meso-attached disaccharide moieties: Synthesis, self-assembly and cellular study. Journal of Porphyrins and Phthalocyanines, 2016, 20, 773-784.	0.8	3
89	Determination of Intraprostatic and Intratesticular Androgens. International Journal of Molecular Sciences, 2021, 22, 466.	4.1	3
90	Synthesis of 17β-steroidal 4-(2-butenolides). Collection of Czechoslovak Chemical Communications, 1983. 48. 2064-2071.	1.0	3

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91	Fused Thiazoloandrostanes and Their Quaternary Salts, Synthesis and Cooperative Ligand Binding to Muscarinic Acetylcholine Receptor. Collection of Czechoslovak Chemical Communications, 1999, 64, 1457-1470.	1.0	3
92	Coupling of Steroid O-(Carboxymethyl)oxime Derivatives with Single-Protected α,ï‰-Diaminoalkanes. Collection of Czechoslovak Chemical Communications, 1999, 64, 2035-2043.	1.0	3
93	Synthetic approach to analogues of 19-norsteroids with an acyclic side chain. Steroids, 1989, 53, 107-129.	1.8	2
94	Reversed-phase HPLC separation and chromatographic-spectral characterization of 17β-(2′-thiazolyl)androst-5-en-3β-ols and their acetates. Biomedical Chromatography, 1994, 8, 95-98.	1.7	2
95	Analogues of androgen hormones with inverted configuration at carbons 5, 9, and 10. Steroids, 2002, 67, 57-70.	1.8	2
96	Size and branching effects on the fluorescence of benzylic dendrimers possessing one apigenin fluorophore at the core. Tetrahedron, 2013, 69, 10361-10368.	1.9	2
97	Z-Isomers of Steroid 17β-Side Chain Methyl Acrylates. Collection of Czechoslovak Chemical Communications, 1992, 57, 1928-1936.	1.0	2
98	Protecting groups in nucleoside syntheses. VI. On reactions of 6-azauridine with phosgene and thionylchloride. Nucleic Acids Research, 1978, 5, s179-s184.	14.5	1
99	Crystallization, Spectral, Crystallographical, and Thermoanalytical Studies of Succinobucol Polymorphism. Journal of Pharmaceutical Sciences, 2012, 101, 1794-1802.	3.3	1
100	Terpene Research Is Providing New Inspiration for Scientists. Molecules, 2021, 26, 5480.	3.8	1
101	Preparation and absolute configuration at C(22) of 21,26,27-trinor-5α-cholestane-22,25-diol derivatives. Collection of Czechoslovak Chemical Communications, 1983, 48, 2423-2435.	1.0	1
102	Preparation of 21,26,27-trinor-5α-cholest-23-en-25→20-olide from a propargyl synthone. Collection of Czechoslovak Chemical Communications, 1984, 49, 871-880.	1.0	1
103	The Imperative of Rough Indicators Will Reduce the Quality of Teaching. , 2022, 116, 201-203.		1
104	About the Miracle of Nature from Rapeseed Pollen. , 2022, 116, 223-227.		1
105	Reversed-phase high-performance liquid chromatographic separation of steroids with the β-crotonate side chain. Journal of Chromatography A, 1986, 366, 335-341.	3.7	0
106	Reversed phase high performance liquid chromatographic separation of hydroxy steroidal unsaturated esters and their hemisuccinates. Biomedical Chromatography, 1992, 6, 30-34.	1.7	0
107	Steroid and bile acids amide conjugates with D-glucosamine. Collection of Czechoslovak Chemical Communications, 2011, 76, 65-74.	1.0	0
108	A window into the current state of isoprenoid research. Steroids, 2015, 97, 1.	1.8	0

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109	Synthesis of 5α-androstane-3α,17β-diol 17-O-glucuronide histaminyl conjugate for immunoassays. Steroids, 2016, 109, 56-59.	1.8	0
110	Steroidal Ribbons from (3α,5β,20S)-3-Hydroxy-20-Methyl-Pregnan-21-oic Acid. Letters in Organic Chemistry, 2017, 13, 711-717.	0.5	0
111	About the Hormone of Youth. , 2022, 116, .		0