

Pavel DRASAR

List of Publications by Year in descending order

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papers

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citations

471371

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all docs

112
docs citations

112
times ranked

1296
citing authors

#	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.	1.5	57
2	Steroid-porphyrin conjugate for saccharide sensing in protic media. Organic and Biomolecular Chemistry, 2003, 1, 3458-3463.	1.5	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.	1.0	44
4	Polyamine derivatives of betulinic acid and \hat{I}^2 -sitosterol: A comparative investigation. Steroids, 2015, 100, 27-35.	0.8	36
5	Synthesis and solvent driven self-aggregation studies of meso-C-glycoside-porphyrin derivatives. Organic and Biomolecular Chemistry, 2007, 5, 960-970.	1.5	35
6	Investigation of new acyloxy derivatives of cholic acid and their esters as drug absorption modifiers. Steroids, 2011, 76, 1082-1097.	0.8	30
7	Novel Deep Cavity Calix[4]pyrroles Derived from Steroidal Ketones. Supramolecular Chemistry, 2002, 14, 237-244.	1.5	28
8	Spectroscopic, Morphological, and Mechanistic Investigation of the Solvent-Promoted Aggregation of Porphyrins Modified in <i>meso</i> -Positions by Glucosylated Steroids. Chemistry - A European Journal, 2011, 17, 13743-13753.	1.7	28
9	Tailor-Made Fluorescent Trilobolide To Study Its Biological Relevance. Journal of Medicinal Chemistry, 2014, 57, 7947-7954.	2.9	28
10	Steroids and related natural products. 104. Bufadienolides. 36. Synthesis of bufalitinol and bufotoxin. Journal of Organic Chemistry, 1987, 52, 3573-3578.	1.7	27
11	Preparation, preliminary screening of new types of steroid conjugates and their activities on steroid receptors. Steroids, 2013, 78, 356-361.	0.8	26
12	Dodecyl Amino Glucoside Enhances Transdermal and Topical Drug Delivery via Reversible Interaction with Skin Barrier Lipids. Pharmaceutical Research, 2017, 34, 640-653.	1.7	22
13	Polyamine conjugates of stigmaterol. Steroids, 2012, 77, 1212-1218.	0.8	21
14	New propanoyloxy derivatives of \hat{I}^2 -cholan-24-oic acid as drug absorption modifiers. Steroids, 2013, 78, 435-453.	0.8	21
15	Synthesis and Cytotoxic Activity of Triterpenoid Thiazoles Derived from Allobetulin, Methyl Betulonate, Methyl Oleanonate, and Oleanonic Acid. ChemMedChem, 2017, 12, 390-398.	1.6	21
16	Growing Importance of Natural Products Research. Molecules, 2020, 25, 6.	1.7	20
17	Design and studies of novel polyoxysterol-based porphyrin conjugates. Steroids, 2012, 77, 1169-1175.	0.8	18
18	Structure and Biological Activity of Ergostane-Type Steroids from Fungi. Molecules, 2022, 27, 2103.	1.7	18

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19	Study of the supramolecular chiral assembly of meso- α -C-glucoside-porphyrin derivatives in aqueous media. <i>New Journal of Chemistry</i> , 2008, 32, 2127.	1.4	17
20	Galactosyl Pentadecene Reversibly Enhances Transdermal and Topical Drug Delivery. <i>Pharmaceutical Research</i> , 2017, 34, 2097-2108.	1.7	17
21	Highly sensitive avidin-biotin ELISA for detection of nandrolone and testosterone in dietary supplements. <i>Drug Testing and Analysis</i> , 2017, 9, 553-560.	1.6	17
22	Glucosylated steroid-porphyrins as new tools for nanotechnology applications. <i>New Journal of Chemistry</i> , 2012, 36, 1246.	1.4	16
23	Estradiol dimer inhibits tubulin polymerization and microtubule dynamics. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 183, 68-79.	1.2	16
24	Stabilization of hyaluronan-based materials by peptide conjugation and its use as a cell-seeded scaffold in tissue engineering. <i>Carbohydrate Polymers</i> , 2018, 201, 300-307.	5.1	16
25	New polyfluorothiopropanoyloxy derivatives of 5 β -cholan-24-oic acid designed as drug absorption modifiers. <i>Steroids</i> , 2013, 78, 832-844.	0.8	15
26	Tuning the chiroptical and morphological properties of steroidal-porphyrin aggregates: a mechanistic, structural, and MM investigation. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 3956-3963.	1.5	15
27	Trilobolide-porphyrin conjugates: On synthesis and biological effects evaluation. <i>Steroids</i> , 2015, 97, 8-12.	0.8	15
28	Trilobolide-steroid hybrids: Synthesis, cytotoxic and antimycobacterial activity. <i>Steroids</i> , 2017, 117, 97-104.	0.8	15
29	Synthesis of Symmetrical Bis-Steroid Pyrazines Connected via D-Rings. <i>Collection of Czechoslovak Chemical Communications</i> , 2000, 65, 1597-1608.	1.0	14
30	Brassinosteroid-BODIPY conjugates: Design, synthesis, and properties. <i>Steroids</i> , 2015, 102, 53-59.	0.8	14
31	Cyclopropanation reactions catalysed by dendrimers possessing one metalloporphyrin active site at the core: linear and sigmoidal kinetic behaviour for different dendrimer generations. <i>Tetrahedron</i> , 2016, 72, 1120-1131.	1.0	14
32	PEGylated Purpurin 18 with Improved Solubility: Potent Compounds for Photodynamic Therapy of Cancer. <i>Molecules</i> , 2019, 24, 4477.	1.7	14
33	Synthesis of Porphyrin Receptors Modified by Glycosylated Steroids. <i>Collection of Czechoslovak Chemical Communications</i> , 2004, 69, 1149-1160.	1.0	13
34	Synthesis of the sulfates derived from 5 β -cholestane-3 β , 6 β -diol. <i>Steroids</i> , 1992, 57, 233-235.	0.8	12
35	Asymmetrically substituted calix[4]pyrrole with chiral substituents. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 682-683.	1.5	11
36	Amides derived from heteroaromatic amines and selected sterol hemiesters. <i>Steroids</i> , 2013, 78, 1347-1352.	0.8	11

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37	Synthesis and biological evaluation of nandroloneâ€”bodipy conjugates. <i>Steroids</i> , 2015, 97, 62-66.	0.8	11
38	Hierarchical transfer of chiral information from the molecular to the mesoscopic scale by Langmuirâ€”Blodgett deposition of tetrasteroid-porphyrins. <i>New Journal of Chemistry</i> , 2017, 41, 639-649.	1.4	11
39	Steroid Glycosides Hyrcanoside and Deglucohyrcanoside: On Isolation, Structural Identification, and Anticancer Activity. <i>Foods</i> , 2021, 10, 136.	1.9	11
40	Simple Syntheses of Steroidal 17 β -(2-Thiazolyl) Derivatives. <i>Synthetic Communications</i> , 1993, 23, 829-845.	1.1	10
41	Synthesis of spiroannulated oligopyrrole macrocycles derived from lithocholic acid. <i>Steroids</i> , 2009, 74, 715-720.	0.8	10
42	Steroid conjugates: Synthesis and preliminary biological testing of pro-juvenoids. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 8194-8203.	1.4	10
43	Heterocyclic sterol probes for live monitoring of sterol trafficking and lysosomal storage disorders. <i>Scientific Reports</i> , 2018, 8, 14428.	1.6	10
44	A Novel Indirect Preparation of Hemisuccinates. <i>Synthetic Communications</i> , 1984, 14, 501-506.	1.1	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 acidâ€”juvenoid conjugates. <i>Steroids</i> , 2009, 74, 779-785.	0.8	9
47	Synthesis of cholic acid based calixpyrroles and porphyrins. <i>Steroids</i> , 2012, 77, 858-863.	0.8	9
48	Large Scale Conversion of Trilobolide into the Payload of Mipsagargin: 8-O-(12-Aminododecanoyl)-8-O-Debutanoylthapsigargin. <i>Biomolecules</i> , 2020, 10, 1640.	1.8	9
49	Etienic etienate as synthon for the synthesis of steroid oligoester gelators. <i>Steroids</i> , 2005, 70, 615-625.	0.8	8
50	Succinobucolâ€™s New Coat â€™ Conjugation with Steroids to Alter Its Drug Effect and Bioavailability. <i>Molecules</i> , 2011, 16, 9404-9420.	1.7	8
51	The effect of exogenous 24-epibrassinolide on the ecdysteroid content in the leaves of <i>Spinacia oleracea</i> L.. <i>Steroids</i> , 2015, 97, 107-112.	0.8	8
52	BODIPY-based fluorescent liposomes with sesquiterpene lactone trilobolide. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 1316-1324.	1.3	8
53	Inhibition of Na ⁺ , K ⁺ -ATPase by the Glycosides from <i>Coronilla varia</i> . <i>Planta Medica</i> , 1992, 58, 467-468.	0.7	7
54	Permeability and diffusion coefficients of single methyl lactate enantiomers in Nafion [®] and cellophane membranes measured in diffusion cell. <i>Separation and Purification Technology</i> , 2016, 158, 322-332.	3.9	7

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55	Stanzolol derived ELISA as a sensitive forensic tool for the detection of multiple 17 β -methylated anabolics. <i>Steroids</i> , 2020, 155, 108550.	0.8	7
56	Betulinic Acid Decorated with Polar Groups and Blue Emitting BODIPY Dye: Synthesis, Cytotoxicity, Cell-Cycle Analysis and Anti-HIV Profiling. <i>Biomedicines</i> , 2021, 9, 1104.	1.4	7
57	Glucosylation of Some Steroidal 17-Hydroxy Derivatives. <i>Collection of Czechoslovak Chemical Communications</i> , 1992, 57, 362-374.	1.0	7
58	Preparation of Steroid Hydroxy Sulfates. <i>Synthetic Communications</i> , 1990, 20, 1521-1529.	1.1	6
59	Stigmasterol-Based Novel Low Molecular Weight/Mass Organic Gelators. <i>Molecules</i> , 2011, 16, 9357-9367.	1.7	6
60	Synthesis of 17 β -[4-(1,3-thiazoly)]androstane 3 β -hemisuccinate and glycoside. <i>Collection of Czechoslovak Chemical Communications</i> , 1984, 49, 1039-1050.	1.0	6
61	Synthesis of o-Carboranylmethyl Ethers of Steroids as Potential Target Substrates for Boron Neutron Capture Therapy. <i>Collection of Czechoslovak Chemical Communications</i> , 1992, 57, 463-471.	1.0	6
62	Synthesis of Linear Steroid Oligoesters Based on Etienic Acid. <i>Collection of Czechoslovak Chemical Communications</i> , 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 /Overlock 10 Tf 50 427 Td (B Communications, 1995, 60, 257-275.	1.0	5
64	Novel Juvenogens (Insect Hormonogenic Agents): Preparation and Biological Tests on <i>Neobellieria bullata</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 10852-10858.	2.4	5
65	Steroids linked with amide bond "Extended cholesterol. <i>Steroids</i> , 2009, 74, 88-94.	0.8	5
66	The kinetic studies of the solvent-promoted aggregation of a steroid-porphyrin derivative. <i>Journal of Porphyrins and Phthalocyanines</i> , 2013, 17, 889-895.	0.4	5
67	Bioavailability and structural study of 20-hydroxyecdysone complexes with cyclodextrins. <i>Steroids</i> , 2019, 147, 37-41.	0.8	5
68	Glucosylation of 5-androsten-3 β -ol derivatives containing butenolide, furan or unsaturated ester moieties in the side chain. <i>Collection of Czechoslovak Chemical Communications</i> , 1984, 49, 881-891.	1.0	5
69	Synthesis of 5 β -Cholestane Type Glycoside Sulfates. <i>Collection of Czechoslovak Chemical Communications</i> , 1993, 58, 1180-1190.	1.0	5
70	Alternative syntheses of steroidal maleimides. <i>Collection of Czechoslovak Chemical Communications</i> , 1983, 48, 1224-1232.	1.0	4
71	New preparation of steroidal 3-hemisuccinates. <i>Collection of Czechoslovak Chemical Communications</i> , 1984, 49, 306-312.	1.0	4
72	Construction of the Side-Chain in 14 β -Androst-5-ene Derivatives. Preparation of 14 β -Pregnenolone. <i>Collection of Czechoslovak Chemical Communications</i> , 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.	0.3	4
75	Describing the sorption characteristics of a ternary system of benzene (1) and alcohol (2) in a nonporous polymer membrane (3) by the F - H uggins model. Polymer Engineering and Science, 2015, 55, 1187-1195.	1.5	4
76	Novel approach to the preparation of hemisuccinates of steroids bearing tertiary alcohol group. Steroids, 2015, 97, 67-71.	0.8	4
77	Immunoassay for determination of trilobolide. Steroids, 2017, 117, 105-111.	0.8	4
78	Archangelolide: A sesquiterpene lactone with immunobiological potential from <i>Laserpitium archangelica</i> . Beilstein Journal of Organic Chemistry, 2019, 15, 1933-1944.	1.3	4
79	Regio- and stereoselective $C-H$ functionalization of brassinosteroids. Steroids, 2019, 146, 92-98.	0.8	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.	1.4	4
83	Reversed-phase high-performance liquid chromatographic separation of steroidal thiazoles. Journal of Chromatography A, 1984, 283, 396-400.	1.8	3
84	Antioxidative succinobucolâ€sterol conjugates: Crystal structures and pseudosymmetry in the crystals. Journal of Molecular Structure, 2012, 1011, 25-33.	1.8	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.	0.8	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.	1.8	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.	3.9	3
88	Porphyrins with directly meso-attached disaccharide moieties: Synthesis, self-assembly and cellular study. Journal of Porphyrins and Phthalocyanines, 2016, 20, 773-784.	0.4	3
89	Determination of Intraprostatic and Intratesticular Androgens. International Journal of Molecular Sciences, 2021, 22, 466.	1.8	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 β -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.	0.8	2
94	Reversed-phase HPLC separation and chromatographic-spectral characterization of 17 β -(2-thiazolyl)androst-5-en-3 β -ols and their acetates. Biomedical Chromatography, 1994, 8, 95-98.	0.8	2
95	Analogues of androgen hormones with inverted configuration at carbons 5, 9, and 10. Steroids, 2002, 67, 57-70.	0.8	2
96	Size and branching effects on the fluorescence of benzylic dendrimers possessing one apigenin fluorophore at the core. Tetrahedron, 2013, 69, 10361-10368.	1.0	2
97	Z-Isomers of Steroid 17 β -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.	6.5	1
99	Crystallization, Spectral, Crystallographical, and Thermoanalytical Studies of Succinobucol Polymorphism. Journal of Pharmaceutical Sciences, 2012, 101, 1794-1802.	1.6	1
100	Terpene Research Is Providing New Inspiration for Scientists. Molecules, 2021, 26, 5480.	1.7	1
101	Preparation and absolute configuration at C(22) of 21,26,27-trinor-5 β -cholestane-22,25-diol derivatives. Collection of Czechoslovak Chemical Communications, 1983, 48, 2423-2435.	1.0	1
102	Preparation of 21,26,27-trinor-5 β -cholest-23-en-25 β -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.	1.8	0
106	Reversed phase high performance liquid chromatographic separation of hydroxy steroidal unsaturated esters and their hemisuccinates. Biomedical Chromatography, 1992, 6, 30-34.	0.8	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.	0.8	0

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109	Synthesis of 5 β -androstane-3 β ,17 β -diol 17-O-glucuronide histaminyl conjugate for immunoassays. Steroids, 2016, 109, 56-59.	0.8	0
110	Steroidal Ribbons from (3 β ,5 β ,20S)-3-Hydroxy-20-Methyl-Pregnan-21-oic Acid. Letters in Organic Chemistry, 2017, 13, 711-717.	0.2	0
111	About the Hormone of Youth. , 2022, 116, .		0