Dominique Harakat

List of Publications by Year in descending order

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123 papers 1,779 citations

331642 21 h-index 414395 32 g-index

142 all docs 142 docs citations

times ranked

142

2314 citing authors

#	Article	IF	CITATIONS
1	Triterpenoid saponins from the roots of Gypsophila trichotoma Wender Phytochemistry, 2013, 90, 114-127.	2.9	83
2	Palladium-Catalyzed Allylic Acyloxylation of Terminal Alkenes in the Presence of a Base. Journal of Organic Chemistry, 2010, 75, 1771-1774.	3.2	71
3	Antimicrobial and antioxidant flavonoids from the leaves of Oncoba spinosa Forssk. (Salicaceae). BMC Complementary and Alternative Medicine, 2015, 15, 134.	3.7	51
4	Thiocarbonyl compounds as regulating reagent in the radical addition of tertiary amines with alkenes using photoelectron transfer conditions. Organic and Biomolecular Chemistry, 2006, 4, 1202.	2.8	50
5	Mechanistic Insights into the PalladiumII-Catalyzed Hydroxyalkoxylation of 2-Allylphenols. Journal of Organic Chemistry, 2007, 72, 1859-1862.	3.2	46
6	Five labdane diterpenoids from the seeds of Aframomum zambesiacum. Phytochemistry, 2006, 67, 433-438.	2.9	45
7	Acylated flavonol glycosides from the flower of Elaeagnus angustifolia L Phytochemistry, 2014, 103, 129-136.	2.9	45
8	Novelseco-Dibenzopyrrocoline Alkaloid from Cryptocaryaou batchensis. Organic Letters, 2006, 8, 3825-3828.	4. 6	40
9	Computer-Aided ¹³ C NMR Chemical Profiling of Crude Natural Extracts without Fractionation. Journal of Natural Products, 2017, 80, 1387-1396.	3.0	40
10	Palladium-Catalyzed Oxidative Coupling of 2-Alkylfurans with Olefins through Câ^'H Activation: Synthesis of Difurylalkanes. Organometallics, 2008, 27, 3996-4004.	2.3	37
11	Alkenyl and alkenoyl amphiphilic derivatives of d-xylose and their surfactant properties. Carbohydrate Research, 2007, 342, 154-162.	2.3	34
12	Steroidal saponins from the leaves of Agave macroacantha. Fìtoterapìâ, 2010, 81, 371-374.	2.2	32
13	Ligandâ€Promoted Reactivity of Alkenes in Dehydrogenative Heck Reactions of Furans and Thiophenes. European Journal of Organic Chemistry, 2015, 2015, 944-948.	2.4	31
14	ESI-MS Studies of the Dehydrogenative Heck Reaction of Furans with Acrylates Using Benzoquinone as the Reoxidant and DMSO as the Solvent. Journal of Organic Chemistry, 2012, 77, 5751-5758.	3.2	30
15	Studies on the titanium-catalyzed cyclopropanation of nitriles. Organic and Biomolecular Chemistry, 2005, 3, 3482.	2.8	28
16	Aerobic Dehydrogenative Heck Reactions of Heterocycles with Styrenes: A Negative Effect of Metallic Coâ€Oxidants. Advanced Synthesis and Catalysis, 2013, 355, 59-67.	4.3	28
17	Viniphenol A, a Complex Resveratrol Hexamer from <i>Vitis vinifera</i> Stalks: Structural Elucidation and Protective Effects against Amyloid- \hat{l}^2 -Induced Toxicity in PC12 Cells. Journal of Natural Products, 2014, 77, 213-217.	3.0	26
18	Triterpenoid Saponins from the Fruits of Caryocarvillosum. Journal of Natural Products, 2006, 69, 919-926.	3.0	23

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19	Triterpenoid saponins from the stem bark of Caryocar villosum. Phytochemistry, 2006, 67, 2096-2102.	2.9	23
20	Multimetallic Zirconocene-Based Catalysis: Alkyne Dimerization and Cyclotrimerization Reactions. Organometallics, 2008, 27, 4152-4157.	2.3	23
21	Intensified extraction of ionized natural products by ion pair centrifugal partition extraction. Journal of Chromatography A, 2011, 1218, 5254-5262.	3.7	23
22	Triterpenoids from Salvia argentea var. aurasiaca (Pomel) Batt. & Datt. & and their chemotaxonomic significance. Phytochemistry, 2014, 102, 145-151.	2.9	23
23	Evidence That the (6â^'4) Photolyase Mechanism Can Proceed through an Oxetane Intermediate. Journal of the American Chemical Society, 2008, 130, 12618-12619.	13.7	22
24	Complete1H- and 13C NMR assignments of saponins from roots of Gypsophila trichotoma Wend Magnetic Resonance in Chemistry, 2006, 44, 686-691.	1.9	21
25	Asymmetric synthesis of di- and trisubstituted pyrrolidinones via zirconium-mediated intramolecular coupling of N-3-alkenyl carbamates. Tetrahedron: Asymmetry, 2007, 18, 424-434.	1.8	21
26	Generation of ϵ,ϵâ€Difluorinated Metalâ€Pentadienyl Species through Lanthanideâ€Mediated Câ^F Activation. Chemistry - A European Journal, 2017, 23, 16460-16465.	3.3	21
27	Triterpenoid saponins from Scabiosa stellata collected in North-eastern Algeria. Phytochemistry, 2018, 150, 40-49.	2.9	21
28	Substitution of allylic acetates with sodium para-toluenesulfinate in aqueous media using allylpalladium chloride dimer and a water-soluble ligand as the catalytic system; electrospray ionisation mass spectrometry analysis. New Journal of Chemistry, 2007, 31, 121-126.	2.8	20
29	Synthesis and characterisation of alkaline earth bis(diphenylphosphano)metallocene complexes and heterobimetallic alkaline earth metal/platinum(<scp>ii</scp>) complexes [Ae(thf) _x (i- ⁵ -C ₅ H ₄ PPh ₂) ₂ Pt(Me) _{EC-Complexes (Ae = Ca, Sr, Ba). Dalton Transactions, 2012, 41, 267-277.}	sugs 32 <td> 20 b>]</td>	20 b>]
30	Reactivity differences between 2,4- and 2,5-disubstituted zirconacyclopentadienes: a highly selective and general approach to 2,4-disubstituted phospholes. Dalton Transactions, 2013, 42, 10997.	3.3	20
31	Synthesis of New Trifluoromethylated Furans, Dihydrofurans and Butenolides Starting from \hat{I}^3 -Ketothioesters and Diisopropylamine. Synthesis, 2006, 2006, 1050-1056.	2.3	19
32	ESI-MS mechanistic studies of Wacker oxidation of alkenes: dinuclear species as catalytic active intermediates. RSC Advances, 2012, 2, 3094.	3.6	19
33	Exploiting the Complementarity between Dereplication and Computer-Assisted Structure Elucidation for the Chemical Profiling of Natural Cosmetic Ingredients: <i>Tephrosia purpurea</i> as a Case Study. Journal of Natural Products, 2015, 78, 1609-1617.	3.0	19
34	Aerobic and Ligand-Free Manganese-Catalyzed Homocoupling of Arenes or Aryl Halides via in Situ Formation of Aryllithiums. Journal of Organic Chemistry, 2019, 84, 4413-4420.	3.2	19
35	Plasmin releases the anti-tumor peptide from the NC1 domain of collagen XIX. Oncotarget, 2015, 6, 3656-3668.	1.8	19
36	Terpenoids and other constituents from Euphorbia bupleuroides. Phytochemistry Letters, 2014, 10, 198-203.	1.2	18

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37	Glycosidase inhibitors from the roots of Glyphaea brevis. Phytochemistry, 2015, 109, 76-83.	2.9	18
38	Chemical composition, antibacterial, antioxidant and tyrosinase inhibitory activities of glycosides from aerial parts of Eryngium tricuspidatum L Phytochemistry Letters, 2016, 18, 23-28.	1.2	18
39	Thermodynamic and spectroscopic studies of copper (II) complexes with three bis(amide) ligands derived from l-tartaric acid. Journal of Inorganic Biochemistry, 2005, 99, 2423-2435.	3.5	17
40	UV-Induced TA Photoproducts: Formation and Hydrolysis in Double-Stranded DNA. Journal of the American Chemical Society, 2010, 132, 10260-10261.	13.7	17
41	Fast Identification of Radical Scavengers from Securigera varia by Combining 13C-NMR-Based Dereplication to Bioactivity-Guided Fractionation. Molecules, 2015, 20, 14970-14984.	3.8	17
42	Synthesis and Characterization of $1,1\hat{a}\in^2$ -Diphosphaplumbocenes: Oxidative Ligand Transfer Reactions with Divalent Thulium Complexes. Organometallics, 2016, 35, 2032-2038.	2.3	17
43	New intra–intermolecular criss-cross cycloaddition of unsymmetrical allenylazines with alkynes leading to three fused five-membered heterocycles. Tetrahedron, 2005, 61, 2387-2393.	1.9	16
44	Flavonoid glycosides and triterpenoids from Atractylis flava. Phytochemistry Letters, 2013, 6, 9-13.	1.2	16
45	Tandem Nucleophilic Addition/Cyclization Reaction in the Synthesis of Ketimine-Type Iminosugars. Journal of Organic Chemistry, 2008, 73, 3612-3615.	3.2	15
46	Titaniumâ€Catalyzed Hydroalumination of Conjugated Dienes: Access to Fulveneâ€Derived Allylaluminium Reagents and Their Diastereoselective Reactions with Carbonyl Compounds. Chemistry - A European Journal, 2014, 20, 5433-5438.	3.3	15
47	Low Catalyst Loadings for the Production of Carboxylic Acids from Polysaccharides and Hydrogen Peroxide. ChemSusChem, 2010, 3, 1200-1203.	6.8	14
48	Synthesis and Photochemical Behavior of the Tetrazolo Tautomer of 2-Azido-4-pyrimidinone-2′-deoxyriboside. Journal of Organic Chemistry, 2011, 76, 1906-1909.	3.2	14
49	Triterpene saponins of Genista ulicina Spach. Phytochemistry, 2013, 93, 176-181.	2.9	14
50	Highly Efficient and Facile Synthesis of 5-Azido-2′-Deoxyuridine. Nucleosides, Nucleotides and Nucleic Acids, 2010, 29, 542-546.	1.1	13
51	Steroidal saponins from the leaves of Beaucarnea recurvata. Phytochemistry, 2011, 72, 946-951.	2.9	13
52	Carbosilane Metallodendrimers with Titanocene Dichloride End Groups. Organometallics, 2012, 31, 6779-6786.	2.3	13
53	Chemical composition and antioxidant activity of aerial parts of Ferula longipes Coss. ex Bonnier and Maury. Natural Product Research, 2018, 32, 1873-1880.	1.8	13
54	A new triterpenic diester from the aerial parts of Chrysanthemum macrocarpum. Phytochemistry Letters, 2013, 6, 519-525.	1,2	12

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55	New acylated flavonol glycosides from the aerial parts of Gouania longipetala. Phytochemistry Letters, 2015, 11, 306-310.	1.2	12
56	Synthesis, Characterization and Reactivity of Formal 20 Electron Zirconocene-Pentafulvene Complexes. Organometallics, 2017, 36, 2004-2013.	2.3	12
57	Cytotoxicity of Labruscol, a New Resveratrol Dimer Produced by Grapevine Cell Suspensions, on Human Skin Melanoma Cancer Cell Line HT-144. Molecules, 2017, 22, 1940.	3.8	12
58	Synthesis, Docking Study and Biological Activities Evaluation of 1â€Amidoalkylâ€2â€naphthol Derivatives as Dual Inhibitors of Cholinesterase and αâ€Glucosidase. ChemistrySelect, 2020, 5, 5515-5520.	1.5	12
59	Phototransformation of metoxuron [3-(3-chloro-4-methoxyphenyl)-1,1-dimethylurea] in aqueous solution. Pest Management Science, 2001, 57, 1119-1126.	3.4	11
60	Five new irido \tilde{A}^- d dimers from the fruits of Canthium subcordatum DC (syn. Psydrax subcordata DC). Phytochemistry Letters, 2015, 13, 348-354.	1.2	11
61	Synthesis of 2-carboxymethyl polyhydroxyazepanes and their evaluation as glycosidase inhibitors. Bioorganic Chemistry, 2015, 58, 11-17.	4.1	11
62	Lewis Acid Catalyzed Regioselective Hydroheteroarylation of Pentafulvenes. Organic Letters, 2016, 18, 964-967.	4.6	11
63	Unraveling the Photochemistry of the 5-Azido-2′-deoxyuridine Photoaffinity Label. Journal of Organic Chemistry, 2009, 74, 6885-6887.	3.2	10
64	Hepatoprotective and Antioxidant Arylbenzofurans and Flavonoids from the Twigs of <i>Morus mesozygia </i> . Planta Medica, 2011, 77, 1044-1047.	1.3	10
65	Three new oleanane-type triterpene saponins from Atractylis flava. Phytochemistry Letters, 2016, 15, 88-93.	1.2	10
66	Flavonol glycosides and lignans from the leaves of Opilia amentacea. Phytochemistry Letters, 2017, 21, 84-89.	1,2	10
67	Triterpene saponins from Silene gallica collected in North-Eastern Algeria. Phytochemistry, 2020, 172, 112274.	2.9	10
68	Compared Behavior of 5-Deoxy-5-iodo-d-xylo- andl-Arabinofuranosides in the Reductive Elimination Reaction:Â A Strong Dependence on Structural Parameters and on the Presence of Zn2+. A Combined Experimental and Theoretical Investigation. Journal of Organic Chemistry, 2007, 72, 2271-2278.	3.2	9
69	Phenolic Glycosides from the Stem Bark of Caryocar villosumand C. glabrum. Journal of Natural Products, 2008, 71, 914-917.	3.0	9
70	Steroidal saponins from the leaves of Yucca de-smetiana and their in vitro antitumor activity: structure activity relationships through a molecular modeling approach. Medicinal Chemistry Research, 2013, 22, 4877-4885.	2.4	9
71	Leptocarposide: a new triterpenoid glycoside from <i>Ludwigia leptocarpa</i> (Onagraceae). Magnetic Resonance in Chemistry, 2014, 52, 32-36.	1.9	9
72	Triterpenoid glycosides from the leaves of Meliosma henryi. Phytochemistry, 2015, 109, 49-56.	2.9	9

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73	Comparison of MRI Properties between Multimeric DOTAGA and DO3A Gadolinium-Dendron Conjugates. Inorganic Chemistry, 2019, 58, 12798-12808.	4.0	9
74	Tuning the Regioselective Functionalization of Trifluoromethylated Dienes via Lanthanumâ€Mediated Single Câ^F Bond Activation. Chemistry - A European Journal, 2021, 27, 4016-4021.	3.3	9
75	Co-elicitation of lignocelluloytic enzymatic activities and metabolites production in an Aspergillus-Streptomyces co-culture during lignocellulose fractionation. Current Research in Microbial Sciences, 2022, 3, 100108.	2.3	9
76	Cycloartane glycosides from leaves of Oxyanthus pallidus. Phytochemistry, 2010, 71, 2182-2186.	2.9	8
77	Combined intra-intermolecular criss-cross cycloaddition reactions leading to perfluoroalkylated fused tricyclic nitrogen heterocycles. Journal of Fluorine Chemistry, 2014, 158, 38-43.	1.7	8
78	Three new flavonoid glycosides from the aerial parts of Graptophyllum grandulosum Turril () Tj ETQq0 0 0 rgBT /0	Overlock 1	0 Tf 50 542 T
79	The Role of the Counterion and of Silicon Chelation in the Selective Mono(trifluoromethylation) of Tartaric Acid Derived 1,4â€Diketones. Chemistry - A European Journal, 2011, 17, 10636-10642.	3.3	7
80	New oleanane-type saponins: Leptocarposide B-D, from Ludwigia leptocarpa (Onagraceae). Phytochemistry Letters, 2015, 14, 159-164.	1.2	7
81	Straightforward synthesis of tri- and tetra-substituted 3-trifluoromethylfurans by heterocyclization reaction of perfluoroketene dithioacetals. Tetrahedron, 2016, 72, 6807-6814.	1.9	7
82	Triterpene saponins from the roots of Parkia bicolor A. Chev. Fìtoterapìâ, 2019, 137, 104264.	2.2	7
83	Semipapposides A-M, triterpenoid bidesmosides saponins from the roots of Scabiosa semipapposa. Phytochemistry, 2020, 180, 112526.	2.9	7
84	Synthesis of (2,2,2-trifluoroethyl) substituted pyridazin-3(2H)-ones and 1,5-dihydropyrrol-2-ones from $\hat{l}_{\pm},\hat{l}^{2}$ -unsaturated \hat{l}^{3} -lactones and hydrazines. Journal of Fluorine Chemistry, 2009, 130, 418-427.	1.7	6
85	Titanocene dichloride complexes bonded to carbosilane dendrimers via a spacer of variable length – Molecular dynamics calculations and catalysis of allylic coupling reactions. Inorganica Chimica Acta, 2014, 409, 137-146.	2.4	6
86	New nitro-benzo [c]phenanthridine and indolopyridoquinazoline alkaloids from Zanthoxylum atchoum. Comptes Rendus Chimie, 2015, 18, 891-897.	0.5	6
87	$5\hat{a}$ €²- vs. $3\hat{a}$ €²-end sugar conformational control in shaping up dinucleotides. Chemical Communications, 2015, 51, 12381-12383.	4.1	6
88	Lewis acid catalyzed C-3 alkylidenecyclopentenylation of indoles: an easy access to functionalized indoles and bisindoles. RSC Advances, 2015, 5, 38075-38084.	3.6	6
89	A new sulfonylated flavonoid and other bioactive compounds isolated from the aerial parts of Cotula anthemoides L Natural Product Research, 2017, 31, 1437-1445.	1.8	6
90	Single or Synergistic Kinetic Resolutions of Chiral Allylalanes: Two Complementary Routes for the Asymmetric Synthesis of <i>Syn</i> Homoallylamines. Organic Letters, 2017, 19, 6728-6731.	4.6	6

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91	Pyrroloquinolone A, a new alkaloid and other phytochemicals from Atractylis cancellata L. with antioxidant and anticholinesterase activities. Natural Product Research, 2019, 35, 1-7.	1.8	6
92	Antioxidant activity-guided isolation of constituents from Euphorbia gaditana Coss. and their antioxidant and tyrosinase inhibitory activities. Phytochemistry Letters, 2020, 39, 99-104.	1.2	6
93	Diels–Alder reactions of perfluoroketene dithioacetals with electron-rich 1,3-dienes: a new access to polysubstituted aromatic sulfides. Tetrahedron, 2012, 68, 8663-8669.	1.9	5
94	Zebiriosides A-L, oleanane saponins from the roots of Dendrobangia boliviana. Phytochemistry, 2016, 130, 262-272.	2.9	5
95	A New Cardenolide and Other Compounds from <i>Salsola tetragona</i> . Natural Product Communications, 2017, 12, 1934578X1701200.	0.5	5
96	6"'- <i>O</i> -acetylisospinosin, a new <i>C</i> -glycosylflavone and known compounds from the aerial parts of <i>Cladanthus mixtus</i> . Natural Product Research, 2020, 34, 2887-2893.	1.8	5
97	Antioxidant activity-guided isolation of flavonoids from Silene gallica aerial parts. Phytochemistry Letters, 2022, 50, 61-66.	1.2	5
98	An unexpected rearrangement giving a new thiosubstituted carbohydrate. Carbohydrate Research, 2010, 345, 1088-1093.	2.3	4
99	Chevalierinoside B and C: Two new isoflavonoid glycosides from the stem bark of Antidesma laciniatum Muell. Arg (syn. Antidesma chevalieri Beille). Phytochemistry Letters, 2014, 9, 149-152.	1.2	4
100	Photo-initiated copolymerization of allyl and vinyl ethers with dialkyl fumarates: A mechanistic investigation by ESI mass spectrometry. European Polymer Journal, 2016, 80, 99-116.	5.4	4
101	Synthesis of new 3-(2,2,2-trifluoroethyl)-5-hydroxy-5-(phenylsulfanyl- or) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tamines. Journal of Fluorine Chemistry, 2007, 128, 931-937.	Tf 50 347 ⁻ 1.7	Td (phenyls 3
102	Macrocyclic 14â€Memberedâ€Ring Diketal Dilactams: Spectroscopic Studies and Conformational Analysis of Their Complexes with Divalent Cations. European Journal of Inorganic Chemistry, 2010, 2010, 3278-3289.	2.0	3
103	New serinolic amino-s-triazines by chemoselective amination of cyanuric chloride and their (pro)diastereomerism in restricted rotational phenomena. Open Chemistry, 2012, 10, 1119-1136.	1.9	3
104	Chevalierinoside A: A new isoflavonoid glycoside from the stem bark of Antidesma chevalieri Beille (Euphorbiaceae). Bulletin of the Chemical Society of Ethiopia, 2014, 28, 309.	1.1	3
105	New oleanane saponins from the roots of <i>Dendrobangia boliviana</i> identified by LCâ€SPEâ€NMR. Magnetic Resonance in Chemistry, 2017, 55, 1036-1044.	1.9	3
106	Glucosinolates of Lepidium graminifolium L. (Brassicaceae) from Croatia. Natural Product Research, 2021, 35, 494-498.	1.8	3
107	New Flavonol Glycoside from the Leaves of Ventilago africana. Natural Product Communications, 2015, 10, 1934578X1501001.	0.5	2
108	An isoflavan and saponins from Astragalus depressus L Journal of the Serbian Chemical Society, 2015, 80, 137-142.	0.8	2

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109	Owariensisone: a new iridolactone from the whole plant of <i>Brillantaisia owariensis</i> Natural Product Research, 2016, 30, 1611-1616.	1.8	2
110	New Oleanane-type glycosides and secoiridoid glucoside from <i>Aptandra zenkeri</i> . Natural Product Research, 2020, 34, 2157-2166.	1.8	2
111	A Further Contribution to the Study of Sagittamide A: Synthesis of a Pivotal Intermediate Belonging to a Rare L-Series. Molecules, 2012, 17, 7709-7721.	3.8	1
112	Recycling Mitsunobu coupling: a shortcut for troublesome esterifications. Tetrahedron, 2016, 72, 7488-7495.	1.9	1
113	Three new iridolactone derivatives from the whole plant of Brillantaisia owariensis P. Beauv. Phytochemistry Letters, 2018, 25, 171-174.	1.2	1
114	Melantheraside A–E, five original triterpenes with natural chloride or oxime group from the aerial parts of Melanthera elliptica O. Hoffm Phytochemistry Letters, 2018, 26, 38-43.	1.2	1
115	The remarkable UV light invulnerability of thymine GNA dinucleotides. Chemical Communications, 2019, 55, 12571-12574.	4.1	1
116	Chapter 14. Reactivity of allyl and vinyl pentosides in photo-initiated donor-acceptor copolymerization. Carbohydrate Chemistry, 2014, , 270-297.	0.3	1
117	New Intraâ€"Intermolecular Criss-Cross Cycloaddition of Unsymmetrical Allenylazines with Alkynes Leading to Three Fused Five-Membered Heterocycles ChemInform, 2005, 36, no.	0.0	0
118	Thermodynamic and Structural Investigations on the Complexation Process of Dioxo Macrocyclic Ligands: Towards Neutral Copper Complexes at Physiological pH. European Journal of Inorganic Chemistry, 2009, 2009, 2929-2941.	2.0	0
119	Hydrosilylation conditions applied on alkenyl benzylated xyloses: selective reduction and isomerization. Applied Organometallic Chemistry, 2009, 23, 161-164.	3.5	0
120	Application of Elemental Lanthanides in the Selective C-F Activation of Trifluoromethylated Benzofulvenes Providing Access to Various Difluoroalkenes. Journal of Visualized Experiments, 2018, , .	0.3	0
121	Isolation and structure elucidation of cyclopeptide alkaloids from the leaves of Heisteria parvifolia. Phytochemistry, 2019, 167, 112081.	2.9	0
122	Design, synthesis and structure of novel dendritic G-2 melamines comprising piperidine motifs as key linkers and 4-(n-octyloxy)aniline as a peripheral unit. Tetrahedron, 2019, 75, 130468.	1.9	0
123	Acylated triterpenoid saponins from roots of Gypsophila trichotoma. Planta Medica, 2012, 78, .	1.3	0