Ludger A Wessjohann

List of Publications by Year
in descending order

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407 papers	13,818 citations	26630 56 h-index	48315 88 g-index
458 all docs	458 docs citations	458 times ranked	15203 citing authors

#	Article	IF	Citations
1	Metabolic and biotransformation effects on dietary glucosinolates, their bioavailability, catabolism and biological effects in different organisms. Biotechnology Advances, 2022, 54, 107784.	11.7	15
2	Interactions between dietary flavonoids and the gut microbiome: a comprehensive review. British Journal of Nutrition, 2022, 128, 577-591.	2.3	43
3	Ligation, Macrocyclization, and Simultaneous Functionalization of Peptides by Multicomponent Reactions (MCR). Methods in Molecular Biology, 2022, 2371, 143-157.	0.9	1
4	Authentication of saffron spice accessions from its common substitutes via a multiplex approach of UV/VIS fingerprints and UPLC/MS using molecular networking and chemometrics. Food Chemistry, 2022, 367, 130739.	8.2	36
5	Dissecting coffee seeds metabolome in context of genotype, roasting degree, and blending in the Middle East using NMR and GC/MS techniques. Food Chemistry, 2022, 373, 131452.	8.2	24
6	In Vitro Anticancer Screening and Preliminary Mechanistic Study of A-Ring Substituted Anthraquinone Derivatives. Cells, 2022, 11, 168.	4.1	9
7	How Does LC/MS Compare to UV in Coffee Authentication and Determination of Antioxidant Effects? Brazilian and Middle Eastern Coffee as Case Studies. Antioxidants, 2022, 11, 131.	5.1	23
8	Engineered Bacterial FlavinâEÐependent Monooxygenases for the Regiospecific Hydroxylation of Polycyclic Phenols. ChemBioChem, 2022, 23, .	2.6	11
9	Metabolomics-Based Approach for Coffee Beverage Improvement in the Context of Processing, Brewing Methods, and Quality Attributes. Foods, 2022, 11, 864.	4.3	15
10	NMR Metabolome-Based Classification of Cymbopogon Species: a Prospect for Phyto-equivalency of its Different Accessions Using Chemometric Tools. Food Analytical Methods, 2022, 15, 2095-2106.	2.6	5
11	Structural Elucidation of an Atropisomeric Entcassiflavan-(4Î²â†'8)-Epicatechin Isolated from Dalbergia monetaria L.f. Based on NMR and ECD Calculations in Comparison to Experimental Data. Molecules, 2022, 27, 2512.	3.8	1
12	Bioactive Phenolic Compounds from Peperomia obtusifolia. Molecules, 2022, 27, 4363.	3.8	5
13	A Comparative Metabolomics Approach for Egyptian Mango Fruits Classification Based on UV and UPLC/MS and in Relation to Its Antioxidant Effect. Foods, 2022, 11, 2127.	4.3	2
14	Anthelmintic and antimicrobial activities of three new depsides and ten known depsides and phenols from Indonesian lichen: Parmelia cetrata Ach.. Natural Product Research, 2021, 35, 5001-5010.	1.8	12
15	Unraveling the metabolome composition and its implication for Salvadora persica L. use as dental brush via a multiplex approach of NMR and LCâ€"MS metabolomics. Journal of Pharmaceutical and Biomedical Analysis, 2021, 193, 113727.	2.8	10
16	Downy mildew resistance is genetically mediated by prophylactic production of phenylpropanoids in hop. Plant, Cell and Environment, 2021, 44, 323-338.	5.7	16
17	Fluorescent spherical mesoporous silica nanoparticles loaded with emodin: Synthesis, cellular uptake and anticancer activity. Materials Science and Engineering C, 2021, 119, 111619.	7.3	15
18	On-resin multicomponent protocols for biopolymer assembly and derivatization. Nature Protocols, 2021, 16, 561-578.	12.0	16

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19	Nuclear Magnetic Resonance Metabolomics Approach for the Analysis of Major Legume Sprouts Coupled to Chemometrics. Molecules, 2021, 26, 761.	3.8	17
20	Sugar Containing Compounds and Biological Activities of Lagochilus setulosus. Molecules, 2021, 26, 1755.	3.8	3
21	UPLC-MS Metabolome-Based Seed Classification of 16 Vicia Species: A Prospect for Phyto-Equivalency and Chemotaxonomy of Different Accessions. Journal of Agricultural and Food Chemistry, 2021, 69, 5252-5266.	5.2	12
22	In Vitro Evaluation of Antiproliferative Properties of Novel Organotin(IV) Carboxylate Compounds with Propanoic Acid Derivatives on a Panel of Human Cancer Cell Lines. Molecules, 2021, 26, 3199.	3.8	15
23	Probing glycation potential of dietary sugars in human blood by an integrated in vitro approach. Food Chemistry, 2021, 347, 128951.	8.2	3
24	Analysis of Unusual Sulfated Constituents and Anti-infective Properties of Two Indonesian Mangroves, Lumnitzera littorea and Lumnitzera racemosa (Combretaceae). Separations, 2021, 8, 82.	2.4	9
25	Synthesis and Biological Evaluation of Highly Potent Fungicidal Deoxy â€Hygrophorones. European Journal of Organic Chemistry, 2021, 2021, 3827-3836.	2.4	1
26	On the scope of the double Ugi multicomponent stapling to produce helical peptides. Bioorganic Chemistry, 2021, 113, 104987.	4.1	3
27	Lehmanniaside, a new cycloartane triterpene glycoside from Astragalus lehmannianus. Natural Product Research, 2021, , 1-6.	1.8	1
28	Computational Applications in Secondary Metabolite Discovery (CAiSMD): an online workshop. Journal of Cheminformatics, 2021, 13, 64.	6.1	3
29	The Genus Lagochilus (Lamiaceae): A Review of Its Diversity, Ethnobotany, Phytochemistry, and Pharmacology. Plants, 2021, 10, 132.	3.5	7
30	Validation of the Antioxidant and Enzyme Inhibitory Potential of Selected Triterpenes Using In Vitro and In Silico Studies, and the Evaluation of Their ADMET Properties. Molecules, 2021, 26, 6331.	3.8	28
31	Antioxidant capacity and fragmentation features of C â€glycoside isoflavones using HRESIâ€CIDâ€MS n and HRESIâ€HCDâ€MS n techniques. Journal of Mass Spectrometry, 2021, 56, e4793.	1.6	2
32	UHPLC-ESI-Orbitrap-HR-MS Analysis of Cyclopeptide Alkaloids From Ziziphus joazeiro. Natural Product Communications, 2021, 16, 1934578X2110549.	0.5	0
33	Improved Stability and Tunable Functionalization of Parallel Î²â€Sheets via Multicomponent Nâ€Alkylation of the Turn Moiety. Angewandte Chemie, 2020, 132, 265-269.	2.0	2
34	Improved Stability and Tunable Functionalization of Parallel Î²â€Sheets via Multicomponent Nâ€Alkylation of the Turn Moiety. Angewandte Chemie - International Edition, 2020, 59, 259-263.	13.8	8
35	Metabolomics reveals impact of seven functional foods on metabolic pathways in a gut microbiota model. Journal of Advanced Research, 2020, 23, 47-59.	9.5	70
36	Chemical constituents of the roots of Ormocarpum sennoides subsp. zanzibaricum. Biochemical Systematics and Ecology, 2020, 93, 104142.	1.3	1

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37	Synthesis, characterization and in vitro biological evaluation of novel organotin(IV) compounds with derivatives of 2-(5-arylidene-2,4-dioxothiazolidin-3-yl)propanoic acid. Journal of Inorganic Biochemistry, 2020, 211, 111207.	3.5	13
38	Rewarding compounds identified from the medicinal plant Rhodiola rosea. Journal of Experimental Biology, 2020, 223, .	1.7	2
39	Predicting the Substrate Scope of the Flavinâ€Dependent Halogenase BrvH. ChemBioChem, 2020, 21, 3282-3288.	2.6	10
40	PSYCHEâ€"A Valuable Experiment in Plant NMR-Metabolomics. Molecules, 2020, 25, 5125.	3.8	8
41	Evaluation of plant sources for antiinfective lead compound discovery by correlating phylogenetic, spatial, and bioactivity data. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 12444-12451.	7.1	19
42	Nutrient and Sensory Metabolites Profiling of Averrhoa Carambola L. (Starfruit) in the Context of Its Origin and Ripening Stage by GC/MS and Chemometric Analysis. Molecules, 2020, 25, 2423.	3.8	19
43	Characterization of Antibacterial Proanthocyanidins of Dalbergia monetaria, an Amazonian Medicinal Plant, by UHPLC-HRMS/MS. Planta Medica, 2020, 86, 858-866.	1.3	8
44	Insights into the secondary structures of lactam N-substituted stapled peptides. Organic and Biomolecular Chemistry, 2020, 18, 3838-3842.	2.8	6
45	Synthesis of Lactam-Bridged and Lipidated Cyclo-Peptides as Promising Anti-Phytopathogenic Agents. Molecules, 2020, 25, 811.	3.8	12
46	HPTLC-DESI-HRMS-Based Profiling of Anthraquinones in Complex Mixturesâ€"A Proof-of-Concept Study Using Crude Extracts of Chilean Mushrooms. Foods, 2020, 9, 156.	4.3	9
47	Synthesis and biochemical studies of novel organic selenides with increased selectivity for hepatocellular carcinoma and breast adenocarcinoma. European Journal of Medicinal Chemistry, 2019, 179, 515-526.	5.5	55
48	Coenzyme Aâ€Conjugated Cinnamic Acids â€" Enzymatic Synthesis of a CoAâ€Ester Library and Application in Biocatalytic Cascades to Vanillin Derivatives. Advanced Synthesis and Catalysis, 2019, 361, 5346-5350.	4.3	10
49	Stabilization of Cyclic Î²-Hairpins by Ugi-Reaction-Derived N-Alkylated Peptides: The Quest for Functionalized Î²-Turns. Organic Letters, 2019, 21, 7307-7310.	4.6	16
50	Insights into the Phytochemistry of the Cuban Endemic Medicinal Plant Phyllanthus orbicularis: Fideloside, a Novel Bioactive 8-C-glycosyl 2,3-Dihydroflavonol. Molecules, 2019, 24, 2855.	3.8	10
51	Sensory Metabolite Profiling in a Date Pit Based Coffee Substitute and in Response to Roasting as Analyzed via Mass Spectrometry Based Metabolomics. Molecules, 2019, 24, 3377.	3.8	15
52	Synthetic Tubulysin Derivative, Tubugi-1, Against Invasive Melanoma Cells: The Cell Death Triangle. Anticancer Research, 2019, 39, 5403-5415.	1.1	2
53	Synthesis of a tubugi-1-toxin conjugate by a modulizable disulfide linker system with a neuropeptide Y analogue showing selectivity for hY1R-overexpressing tumor cells. Beilstein Journal of Organic Chemistry, 2019, 15, 96-105.	2.2	10
54	Furoquinolines and dihydrooxazole alkaloids with cytotoxic activity from the stem bark of Araliopsis soyauxii. FÃ¬toterapÃ¬Ã¢, 2019, 133, 193-199.	2.2	40

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55	Introducing the Petasis Reaction for Lateâ€Stage Multicomponent Diversification, Labeling, and Stapling of Peptides. Angewandte Chemie, 2019, 131, 2726-2730.	2.0	37
56	Nor-guanacastepene pigments from the Chilean mushroom Cortinarius pyromyxa. Phytochemistry, 2019, 165, 112048.	2.9	7
57	Multicomponent synthesis of Î±-acylamino and Î±-acyloxy amide derivatives of desmycosin and their activity against gram-negative bacteria. Bioorganic and Medicinal Chemistry, 2019, 27, 3237-3247.	3.0	10
58	Comparative metabolome-based classification of Senna drugs: a prospect for phyto-equivalency of its different commercial products. Metabolomics, 2019, 15, 80.	3.0	13
59	Discovery of key regulators of dark gland development and hypericin biosynthesis in St. John's Wort (Hypericum perforatum). Plant Biotechnology Journal, 2019, 17, 2299-2312.	8.3	27
60	The synthetic tubulysin derivative, tubugi-1, improves the innate immune response by macrophage polarization in addition to its direct cytotoxic effects in a murine melanoma model. Experimental Cell Research, 2019, 380, 159-170.	2.6	7
61	The unusual fragmentation of longâ€chain feruloyl esters under negative ion electrospray conditions. Journal of Mass Spectrometry, 2019, 54, 549-556.	1.6	4
62	The hop-derived prenylflavonoid isoxanthohumol inhibits the formation of lung metastasis in B16-F10 murine melanoma model. Food and Chemical Toxicology, 2019, 129, 257-268.	3.6	14
63	Metabolites profiling of Ziziphus leaf taxa via UHPLC/PDA/ESI-MS in relation to their biological activities. Food Chemistry, 2019, 293, 233-246.	8.2	31
64	Influence of Pickling Process on Allium cepa and Citrus limon Metabolome as Determined via Mass Spectrometry-Based Metabolomics. Molecules, 2019, 24, 928.	3.8	16
65	Dammarane-type triterpenoids from the stem of Ziziphus glaziovii Warm. (Rhamnaceae). Phytochemistry, 2019, 162, 250-259.	2.9	10
66	Chlorambucil Conjugated Ugi Dendrimers with PAMAM-NH2 Core and Evaluation of Their Anticancer Activity. Pharmaceutics, 2019, 11, 59.	4.5	14
67	Anti-Inflammatory Activity of A Polyphenolic Extract from Arabidopsis thaliana in In Vitro and In Vivo Models of Alzheimerâ€™s Disease. International Journal of Molecular Sciences, 2019, 20, 708.	4.1	34
68	A Multicomponent Stapling Approach to Exocyclic Functionalized Helical Peptides: Adding Lipids, Sugars, PEGs, Labels, and Handles to the Lactam Bridge. Bioconjugate Chemistry, 2019, 30, 253-259.	3.6	44
69	Introducing the Petasis Reaction for Lateâ€Stage Multicomponent Diversification, Labeling, and Stapling of Peptides. Angewandte Chemie - International Edition, 2019, 58, 2700-2704.	13.8	52
70	Iridoids and volatile pheromones of Tapinoma darioi ants: chemical differences to the closely related species Tapinoma magnum. Chemoecology, 2019, 29, 51-60.	1.1	5
71	A Peptide Backbone Stapling Strategy Enabled by the Multicomponent Incorporation of Amide Nâ€Substituents. Chemistry - A European Journal, 2019, 25, 769-774.	3.3	12
72	New compounds of Siolmatra brasiliensis and inhibition of in vitro protein glycation damage. FÃ¬toterapÃ¬Ã¢, 2019, 133, 109-119.	2.2	11

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73	Variation in Ceratonia siliqua pod metabolome in context of its different geographical origin, ripening stage and roasting process. Food Chemistry, 2019, 283, 675-687.	8.2	46
74	Apoptosis Caused by Triterpenes and Phytosterols and Antioxidant Activity of an Enriched Flavonoid Extract from Passiflora mucronata. Anti-Cancer Agents in Medicinal Chemistry, 2019, 18, 1405-1416.	1.7	13
75	In vitro anticancer evaluation of novel triphenyltin(IV) compounds with some N-acetyl-S-naphthoquinonylcysteine derivatives. Journal of the Serbian Chemical Society, 2019, 84, 1119-1127.	0.8	2
76	Comparative Metabolomics Approach Detects Stress-Specific Responses during Coral Bleaching in Soft Corals. Journal of Proteome Research, 2018, 17, 2060-2071.	3.7	25
77	NMR approach for the authentication of 10 cinnamon spice accessions analyzed via chemometric tools. LWT - Food Science and Technology, 2018, 90, 491-498.	5.2	52
78	Comparative analysis of Hibiscus sabdariffa (roselle) hot and cold extracts in respect to their potential for Î±-glucosidase inhibition. Food Chemistry, 2018, 250, 236-244.	8.2	51
79	Gas Chromatography/Mass Spectrometry-Based Metabolite Profiling of Nutrients and Antinutrients in Eight Lens and Lupinus Seeds (Fabaceae). Journal of Agricultural and Food Chemistry, 2018, 66, 4267-4280.	5.2	31
80	Methodology of Drought Stress Research: Experimental Setup and Physiological Characterization. International Journal of Molecular Sciences, 2018, 19, 4089.	4.1	131
81	Salicylic acid and its derivatives elicit the production of diterpenes and sterols in corals and their algal symbionts: a metabolomics approach to elicitor SAR. Metabolomics, 2018, 14, 127.	3.0	7
82	Droplet-Assisted Microfluidic Fabrication and Characterization of Multifunctional Polysaccharide Microgels Formed by Multicomponent Reactions. Polymers, 2018, 10, 1055.	4.5	32
83	Memory enhancement by ferulic acid ester across species. Science Advances, 2018, 4, eaat6994.	10.3	23
84	Drug Delivery System for Emodin Based on Mesoporous Silica SBA-15. Nanomaterials, 2018, 8, 322.	4.1	25
85	Loss of epithelium-specific GPx2 results in aberrant cell fate decisions during intestinal differentiation. Oncotarget, 2018, 9, 539-552.	1.8	17
86	Mining seed proteome: from protein dynamics to modification profiles. Biological Communications, 2018, 63, 43-58.	0.8	15
87	Diazatruxenes from the Condensation Reaction of Indoles with Ninhydrin. Journal of Heterocyclic Chemistry, 2017, 54, 1077-1083.	2.6	8
88	Ratsâ€™ urinary metabolomes reveal the potential roles of functional foods and exercise in obesity management. Food and Function, 2017, 8, 985-996.	4.6	11
89	Hierarchical cluster analysis and chemical characterisation of Myrtus communis L. essential oil from Yemen region and its antimicrobial, antioxidant and anti-colorectal adenocarcinoma properties. Natural Product Research, 2017, 31, 2158-2163.	1.8	27
90	Oneâ€Pot Assembly of Amino Acid Bridged Hybrid Macromulticyclic Cages through Multiple Multicomponent Macrocyclizations. Angewandte Chemie, 2017, 129, 3555-3559.	2.0	11

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91	Oneâ€Pot Assembly of Amino Acid Bridged Hybrid Macromulticyclic Cages through Multiple Multicomponent Macrocyclizations. Angewandte Chemie - International Edition, 2017, 56, 3501-3505.	13.8	40
92	Reconstitution of Vanadium Haloperoxidase's Catalytic Activity by Boric Acidâ€"Towards a Potential Biocatalytic Role of Boron. Chemistry - A European Journal, 2017, 23, 4973-4980.	3.3	6
93	Methionine and seleno-methionine type peptide and peptoid building blocks synthesized by five-component five-center reactions. Chemical Communications, 2017, 53, 3777-3780.	4.1	7
94	Structural and stereochemical elucidation of new hygrophorones from Hygrophorus abieticola (Basidiomycetes). Tetrahedron, 2017, 73, 1682-1690.	1.9	10
95	Assessment of sensory metabolites distribution in 3 cactus Opuntia ficus-indica fruit cultivars using UV fingerprinting and GC/MS profiling techniques. LWT - Food Science and Technology, 2017, 80, 145-154.	5.2	39
96	Metabolomics reveals biotic and abiotic elicitor effects on the soft coral Sarcophyton ehrenbergi terpenoid content. Scientific Reports, 2017, 7, 648.	3.3	25
97	Altered protein expression pattern in colon tissue of mice upon supplementation with distinct selenium compounds. Proteomics, 2017, 17, 1600486.	2.2	6
98	Global proteomic analysis of advanced glycation end products in the Arabidopsis proteome provides evidence for age-related glycation hot spots. Journal of Biological Chemistry, 2017, 292, 15758-15776.	3.4	44
99	Total Synthesis of Cordyheptapeptide A. Synlett, 2017, 28, 1971-1974.	1.8	5
100	A multicomponent macrocyclization strategy to natural product-like cyclic lipopeptides: synthesis and anticancer evaluation of surfactin and mycosubtilin analogues. Organic and Biomolecular Chemistry, 2017, 15, 3628-3637.	2.8	25
101	Modulation of MHC class I surface expression in B16F10 melanoma cells by methylseleninic acid. OncoImmunology, 2017, 6, e1259049.	4.6	20
102	A Distinct Aromatic Prenyltransferase Associated with the Futalosine Pathway. ChemistrySelect, 2017, 2, 9319-9325.	1.5	11
103	Peptide Macrocyclization Assisted by Traceless Turn Inducers Derived from Ugi Peptide Ligation with Cleavable and Resin-Linked Amines. Organic Letters, 2017, 19, 4022-4025.	4.6	26
104	Early responses of mature Arabidopsis thaliana plants to reduced water potential in the agar-based polyethylene glycol infusion drought model. Journal of Plant Physiology, 2017, 208, 70-83.	3.5	42
105	Individual effects of different selenocompounds on the hepatic proteome and energy metabolism of mice. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 3323-3334.	2.4	25
106	Rothtalazepane, A New Azepane from the Wood of Rothmannia talbotii (Rubiaceae). Natural Product Communications, 2017, 12, 1934578X1701200.	0.5	1
107	No Silver Bullet â€“ Canonical Poly(ADP-Ribose) Polymerases (PARPs) Are No Universal Factors of Abiotic and Biotic Stress Resistance of Arabidopsis thaliana. Frontiers in Plant Science, 2017, 08, 59.	3.6	37
108	Phytochemical Profiles and Antimicrobial Activities of Allium cepa Red cv. and A. sativum Subjected to Different Drying Methods: A Comparative MS-Based Metabolomics. Molecules, 2017, 22, 761.	3.8	84

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109	Cytotoxic Effects of Sarcophyton sp. Soft Coralsâ€"Is There a Correlation to Their NMR Fingerprints?. Marine Drugs, 2017, 15, 211.	4.6	24
110	Antimicrobial, Antioxidant, and Cytotoxic Activities of Ocimum forskolei and Teucrium yemense (Lamiaceae) Essential Oils. Medicines (Basel, Switzerland), 2017, 4, 17.	1.4	43
111	Identification of Phenolic Compounds from Hancornia speciosa (Apocynaceae) Leaves by UHPLC Orbitrap-HRMS. Molecules, 2017, 22, 143.	3.8	21
112	Effect of Oxylipins, Terpenoid Precursors and Wounding on Soft Coralsâ€™ Secondary Metabolism as Analyzed via UPLC/MS and Chemometrics. Molecules, 2017, 22, 2195.	3.8	7
113	Leaf litter diversity positively affects the decomposition of plant polyphenols. Plant and Soil, 2017, 419, 305-317.	3.7	16
114	Mesoporous silica nanoparticles SBA-15 loaded with emodin upregulate the antioxidative defense of Euproctis chrysorrhoea (L.) larvae. Turkish Journal of Biology, 2017, 41, 935-942.	0.8	6
115	Glycation of Plant Proteins under Environmental Stress â€" Methodological Approaches, Potential Mechanisms and Biological Role. , 2016, , .		2
116	Tulasporins Aâ€"D, 19-Residue Peptaibols from the Mycoparasitic Fungus Sepedonium tulasneanum. Natural Product Communications, 2016, 11, 1934578X1601101.	0.5	4
117	Natural Products from Microalgae with Potential against Alzheimerâ€™s Disease: Sulfolipids Are Potent Glutaminyl Cyclase Inhibitors. Marine Drugs, 2016, 14, 203.	4.6	50
118	Passerini Reactions on Biocatalytically Derived Chiral Azetidines. Molecules, 2016, 21, 1153.	3.8	15
119	Applications of Convertible Isonitriles in the Ligation and Macrocyclization of Multicomponent Reaction-Derived Peptides and Depsipeptides. Journal of Organic Chemistry, 2016, 81, 6535-6545.	3.2	19
120	Synthesis of Î±â€alkenylâ€Î²â€hydroxy adducts by Î±â€addition of unprotected 4â€bromocrotonic acid and amides with aldehydes and ketones by chromium(II)â€mediated reactions. Applied Organometallic Chemistry, 2016, 30, 674-679.	3.5	5
121	Redox proteomics: Methods for the identification and enrichment of redoxâ€modified proteins and their applications. Proteomics, 2016, 16, 197-213.	2.2	67
122	Solution- and Solid-Phase Macrocyclization of Peptides by the Ugiâ€"Smiles Multicomponent Reaction: Synthesis of N-Aryl-Bridged Cyclic Lipopeptides. Organic Letters, 2016, 18, 4096-4099.	4.6	43
123	Stereoselective glycoconjugation of steroids with selenocarbohydrates. RSC Advances, 2016, 6, 93905-93914.	3.6	10
124	Osmotic stress is accompanied by protein glycation inArabidopsis thaliana. Journal of Experimental Botany, 2016, 67, 6283-6295.	4.8	47
125	Combinatorial synthesis, in silico , molecular and biochemical studies of tetrazole-derived organic selenides with increased selectivity against hepatocellular carcinoma. European Journal of Medicinal Chemistry, 2016, 122, 55-71.	5.5	72
126	11th German Conference on Chemoinformatics (GCC 2015). Journal of Cheminformatics, 2016, 8, 18.	6.1	1

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127	Soft Corals Biodiversity in the Egyptian Red Sea: A Comparative MS and NMR Metabolomics Approach of Wild and Aquarium Grown Species. Journal of Proteome Research, 2016, 15, 1274-1287.	3.7	48
128	Ericoside, a new antibacterial biflavonoid from Erica mannii (Ericaceae). FÃ¬toterapÃ¬Ã¢, 2016, 109, 206-211.	2.2	18
129	Versatile antitumor potential of isoxanthohumol: Enhancement of paclitaxel activity in vivo. Pharmacological Research, 2016, 105, 62-73.	7.1	58
130	Prenylated phenyl polyketides and acylphloroglucinols from Hypericum peplidifolium. Phytochemistry, 2016, 124, 108-113.	2.9	16
131	Comparative metabolite profiling and fingerprinting of genus Passiflora leaves using a multiplex approach of UPLC-MS and NMR analyzed by chemometric tools. Analytical and Bioanalytical Chemistry, 2016, 408, 3125-3143.	3.7	58
132	A Snapshot of the Plant Glycated Proteome. Journal of Biological Chemistry, 2016, 291, 7621-7636.	3.4	43
133	Tricyclic Acylphloroglucinols from Hypericum lanceolatum and Regioselective Synthesis of Selancins A and B. Journal of Natural Products, 2016, 79, 743-753.	3.0	20
134	Chilenopeptins A and B, Peptaibols from the Chilean Sepedonium aff. chalcipori KSH 883. Journal of Natural Products, 2016, 79, 929-938.	3.0	32
135	Structure and Absolute Configuration of Pseudohygrophorones A¹² and B¹², Alkyl Cyclohexenone Derivatives from Hygrophorus abieticola (Basidiomycetes). Journal of Natural Products, 2016, 79, 74-80.	3.0	21
136	Metabolite profiling in 18 Saudi date palm fruit cultivars and their antioxidant potential via UPLC-qTOF-MS and multivariate data analyses. Food and Function, 2016, 7, 1077-1086.	4.6	37
137	Expeditious Entry to Functionalized Pseudo-peptidic Organoselenide Redox Modulators via Sequential Ugi/SN Methodology. Anti-Cancer Agents in Medicinal Chemistry, 2016, 16, 621-632.	1.7	29
138	Arabidopsis thaliana isoprenyl diphosphate synthases produce the C₂₅ intermediate geranylfarnesyl diphosphate. Plant Journal, 2015, 84, 847-859.	5.7	46
139	Tradeâ€offs between physical and chemical carbonâ€based leaf defence: of intraspecific variation and trait evolution. Journal of Ecology, 2015, 103, 1667-1679.	4.0	62
140	Diacetin, a reliable cue and private communication channel in a specialized pollination system. Scientific Reports, 2015, 5, 12779.	3.3	85
141	Isolation and Total Synthesis of AlbuÂpeptins Aâ€“D: 11â€Residue Peptaibols from the Fungus Gliocladium album. European Journal of Organic Chemistry, 2015, 2015, 7449-7459.	2.4	16
142	Synthesis of antibacterial 1,3-diyne-linked peptoids from an Ugi-4CR/Glaser coupling approach. Beilstein Journal of Organic Chemistry, 2015, 11, 25-30.	2.2	23
143	Macrocyclization of Peptide Side Chains by the Ugi Reaction: Achieving Peptide Folding and Exocyclic N-Functionalization in One Shot. Journal of Organic Chemistry, 2015, 80, 6697-6707.	3.2	50
144	Protease-inhibiting, molecular modeling and antimicrobial activities of extracts and constituents from Helichrysum foetidum and Helichrysum mechowianum (compositae). Chemistry Central Journal, 2015, 9, 32.	2.6	9

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145	Hydrogen peroxide â€“ production, fate and role in redox signaling of tumor cells. Cell Communication and Signaling, 2015, 13, 39.	6.5	390
146	Isolation and Asymmetric Total Synthesis of Fungal Secondary Metabolite Hygrophorone B¹². European Journal of Organic Chemistry, 2015, 2015, 2357-2365.	2.4	19
147	Chemical constituents of Psorospermum densipunctatum (Hypericaceae). Biochemical Systematics and Ecology, 2015, 59, 174-176.	1.3	4
148	Synthesis of substituted imidazolines by an Ugi/Staudinger/aza-Wittig sequence. Tetrahedron Letters, 2015, 56, 1025-1029.	1.4	12
149	Integrated comparative metabolite profiling via MS and NMR techniques for Senna drug quality control analysis. Analytical and Bioanalytical Chemistry, 2015, 407, 1937-1949.	3.7	46
150	A fluorescence-based bioassay for antibacterials and its application in screening natural product extracts. Journal of Antibiotics, 2015, 68, 734-740.	2.0	9
151	Cm-p5: an antifungal hydrophilic peptide derived from the coastal mollusk Cenchritis muricatus (Gastropoda: Littorinidae). FASEB Journal, 2015, 29, 3315-3325.	0.5	38
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