Pieter De Waard

List of Publications by Year
in descending order

41 papers	2,605 citations	186265 28 h-index	276875 41 g-index
42 all docs	42 docs citations	42 times ranked	3417 citing authors

#	Article	IF	Citations
1	Structural Motifs of Wheat Straw Lignin Differ in Susceptibility to Degradation by the White-Rot Fungus Ceriporiopsis subvermispora. ACS Sustainable Chemistry and Engineering, 2019, 7, 20032-20042.	6.7	20
2	Elucidation of In Situ Ligninolysis Mechanisms of the Selective White-Rot Fungus Ceriporiopsis subvermispora. ACS Sustainable Chemistry and Engineering, 2019, 7, 16757-16764.	6.7	25
3	Ethyl tert-butyl ether (EtBE) degradation by an algal-bacterial culture obtained from contaminated groundwater. Water Research, 2019, 148, 314-323.	11.3	23
4	Uniformly ¹³C Labeled Lignin Internal Standards for Quantitative Pyrolysisâ^'GCâ^'MS Analysis of Grass and Wood. ACS Sustainable Chemistry and Engineering, 2019, 7, 20070-20076.	6.7	24
5	Antibacterial prenylated stilbenoids from peanut (Arachis hypogaea). Phytochemistry Letters, 2018, 28, 13-18.	1.2	22
6	Glyceollins and dehydroglyceollins isolated from soybean act as SERMs and ER subtype-selective phytoestrogens. Journal of Steroid Biochemistry and Molecular Biology, 2016, 156, 53-63.	2.5	29
7	Production of butyrate from lysine and the Amadori product fructoselysine by a human gut commensal. Nature Communications, 2015, 6, 10062.	12.8	199
8	Involvement of a Hydrophobic Pocket and Helixâ€...11 in Determining the Modes of Action of Prenylated Flavonoids and Isoflavonoids in the Human Estrogen Receptor. ChemBioChem, 2015, 16, 2668-2677.	2.6	20
9	The structure of an alternative wall teichoic acid produced by a Lactobacillus plantarum WCFS1 mutant contains a 1,5-linked poly(ribitol phosphate) backbone with 2-Î±-d-glucosyl substitutions. Carbohydrate Research, 2013, 370, 67-71.	2.3	10
10	Isolation, identification and activity of natural antioxidants from horehound (Marrubium vulgare L.) cultivated in Lithuania. Food Chemistry, 2012, 130, 695-701.	8.2	54
11	Isolation of antioxidative secoiridoids from olive wood (Olea europaea L.) guided by on-line HPLCâ€"DADâ€"radical scavenging detection. Food Chemistry, 2011, 124, 36-41.	8.2	34
12	Profiling human gut bacterial metabolism and its kinetics using [U-¹³C]glucose and NMR. NMR in Biomedicine, 2010, 23, 2-12.	2.8	91
13	Spontaneous symmetry breaking: formation of Janus micelles. Soft Matter, 2009, 5, 999-1005.	2.7	74
14	Temperature Responsive Complex Coacervate Core Micelles With a PEO and PNIPAAm Corona. Journal of Physical Chemistry B, 2008, 112, 10833-10840.	2.6	58
15	On the Transition between a Heterogeneous and Homogeneous Corona in Mixed Polymeric Micelles. Langmuir, 2008, 24, 12221-12227.	3.5	24
16	Genome-based discovery, structure prediction and functional analysis of cyclic lipopeptide antibiotics inPseudomonasspecies. Molecular Microbiology, 2007, 63, 417-428.	2.5	247
17	Identification of glucose-fermenting bacteria present in an in vitro model of the human intestine by RNA-stable isotope probing. FEMS Microbiology Ecology, 2007, 60, 126-135.	2.7	74
18	Core and Corona Structure of Mixed Polymeric Micelles. Macromolecules, 2006, 39, 5952-5955.	4.8	50

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19	Comparison of analytical and semi-preparative columns for high-performance liquid chromatographyâ€“solid-phase extractionâ€“nuclear magnetic resonance. Journal of Chromatography A, 2006, 1112, 276-284.	3.7	25
20	Double-Faced Micelles from Water-Soluble Polymers. Angewandte Chemie - International Edition, 2006, 45, 6673-6676.	13.8	174
21	Development of a triple hyphenated HPLCâ€“radical scavenging detectionâ€“DADâ€“SPEâ€“NMR system for the rapid identification of antioxidants in complex plant extracts. Journal of Chromatography A, 2005, 1074, 81-88.	3.7	93
22	Identification of Radical Scavenging Compounds in Rhaponticum carthamoides by Means of LC-DAD-SPE-NMR. Journal of Natural Products, 2005, 68, 168-172.	3.0	70
23	Antioxidative activity of Geranium macrorrhizum. European Food Research and Technology, 2004, 218, 253-261.	3.3	33
24	Antioxidant activity ofPotentilla fruticosa. Journal of the Science of Food and Agriculture, 2004, 84, 1997-2009.	3.5	45
25	Methylobacterium sp. isolated from a Finnish paper machine produces highly pyruvated galactan exopolysaccharide. Carbohydrate Research, 2003, 338, 1851-1859.	2.3	47
26	Location of O-acetyl substituents in xylo-oligosaccharides obtained from hydrothermally treated Eucalyptus wood. Carbohydrate Research, 2003, 338, 69-77.	2.3	74
27	Water-Soluble Reversible Coordination Polymers:Â Chains and Rings. Macromolecules, 2003, 36, 7035-7044.	4.8	144
28	Biochemical, Genetic, and Zoosporicidal Properties of Cyclic Lipopeptide Surfactants Produced by Pseudomonas fluorescens. Applied and Environmental Microbiology, 2003, 69, 7161-7172.	3.1	223
29	Structural elucidation of the EPS of slime producing Brevundimonas vesicularis sp. isolated from a paper machine. Carbohydrate Research, 2002, 337, 1821-1831.	2.3	48
30	Structural characterisation and enzymic modification of the exopolysaccharide produced by Lactococcus lactis subsp. cremoris B891. Carbohydrate Research, 2000, 327, 411-422.	2.3	44
31	Structural analysis of acetylated hemicellulose polysaccharides from fibre flax (Linum usitatissimum) Tj ETQq1 1 0.784314 rgBT /Over	2.3	97
32	Formation of novel poly(hydroxyalkanoates) from long-chain fatty acids. Canadian Journal of Microbiology, 1995, 41, 14-21.	1.7	89
33	Structural Studies on a Cell Wall Polysaccharide Preparation of Lactococcus Lactis Subspecies Cremoris H414. Journal of Carbohydrate Chemistry, 1994, 13, 363-382.	1.1	3
34	Oleic acid as a substrate for poly-3-hydroxyalkanoate formation in Alcaligenes eutrophus and Pseudomonas putida. Industrial Crops and Products, 1992, 1, 157-163.	5.2	67
35	Isolation and structural characterization of novel neutral oligosaccharide-alditols from respiratory-mucus glycoproteins of a patient suffering from bronchiectasis. 1. Structure of 11 oligosaccharides having the GlcNAcbeta(1 3)Galbeta(1 4)GlcNAcbeta(1 6)GalNAc-ol structural element in common. FEBS Journal, 1991, 198, 151-168.	0.2	28
36	Isolation and structural characterization of novel neutral oligosaccharide-alditols from respiratory-mucus glycoproteins of a patient suffering from bronchiectasis. 2. Structure of twelve hepta-to-nonasaccharides, six of which possess the GlcNAcbeta(13)[Galbeta(14)GlcNAcbeta(16)]Galbeta(13)GalNAc-ol common structural element. FEBS Journal, 1991, 198, 169-182.	0.2	21

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37	Structural studies on sulfated oligosaccharides derived from the carbohydrate-protein linkage region of chondroitin sulfate proteoglycans of whale cartilage. FEBS Journal, 1991, 202, 805-811.	0.2	63
38	Conformational studies on the Nâ€linked carbohydrate chain of bromelain. FEBS Journal, 1990, 190, 113-122.	0.2	58
39	Primary structure of the majorO-glycosidically linked carbohydrate unit of human von Willebrand factor. Glycoconjugate Journal, 1989, 6, 263-270.	2.7	41
40	Structural variability of the neutral carbohydrate moiety of cow colostrum kappa-casein as a function of time after parturition. Identification of a tetrasaccharide with blood group I specificity. FEBS Journal, 1988, 173, 253-259.	0.2	24
41	Characterization of N-linked gluco-oligomannose type of carbohydrate chains of glycoproteins from the ovary of the starfish Asterias rubens (L.). FEBS Journal, 1987, 168, 679-685.	0.2	15