

Kenneth Thermann Kongstad

List of Publications by Year in descending order

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52
papers

1,383
citations

331538

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360920

35
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53
all docs

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docs citations

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times ranked

1839
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Coupling Microplate-Based Antibacterial Assay with Liquid Chromatography for High-Resolution Growth Inhibition Profiling of Crude Extracts: Validation and Proof-of-Concept Study with <i>Staphylococcus aureus</i> . <i>Molecules</i> , 2021, 26, 1550. | 1.7 | 4 |
| 2 | Effect of Roux-Y gastric bypass on the pharmacokinetic-pharmacodynamic relationships of liquid and controlled-release formulations of oxycodone. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2021, 129, 232-245. | 1.2 | 3 |
| 3 | Potential antidiabetic phytochemicals in plant roots: a review of in vivo studies. <i>Journal of Diabetes and Metabolic Disorders</i> , 2021, 20, 1837-1854. | 0.8 | 22 |
| 4 | Dual High-Resolution α -Glucosidase and PTP1B Inhibition Profiling Combined with HPLC-PDA-HRMS-SPE-NMR Analysis for the Identification of Potentially Antidiabetic Chromene Meroterpenoids from <i>Rhododendron capitatum</i> . <i>Journal of Natural Products</i> , 2021, 84, 2454-2467. | 1.5 | 18 |
| 5 | Reversal of ABCG2/BCRP-Mediated Multidrug Resistance by 5,3,5-Trihydroxy-3,6,7,4-Tetramethoxyflavone Isolated from the Australian Desert Plant <i>Eremophila galeata</i> Chinnock. <i>Biomolecules</i> , 2021, 11, 1534. | 1.8 | 8 |
| 6 | Population pharmacokinetic-pharmacodynamic modelling of liquid and controlled-release formulations of oxycodone in healthy volunteers. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2020, 126, 263-276. | 1.2 | 13 |
| 7 | Potential of <i>Myrtus communis</i> Linn. as a bifunctional food: Dual high-resolution PTP1B and α -glucosidase inhibition profiling combined with HPLC-HRMS and NMR for identification of antidiabetic triterpenoids and phloroglucinol derivatives. <i>Journal of Functional Foods</i> , 2020, 64, 103623. | 1.6 | 15 |
| 8 | Antidiabetic xanthenes with α -glucosidase inhibitory activities from an endophytic <i>Penicillium canescens</i> . <i>Fä-toterapÄ-t</i> , 2020, 142, 104522. | 1.1 | 34 |
| 9 | Structure Elucidation of Prenyl- and Geranyl-Substituted Coumarins in <i>Gerbera piloselloides</i> by NMR Spectroscopy, Electronic Circular Dichroism Calculations, and Single Crystal X-ray Crystallography. <i>Molecules</i> , 2020, 25, 1706. | 1.7 | 12 |
| 10 | 2(5H)-Furanone sesquiterpenes from <i>Eremophila bignoniiflora</i> : High-resolution inhibition profiling and PTP1B inhibitory activity. <i>Phytochemistry</i> , 2019, 166, 112054. | 1.4 | 23 |
| 11 | Developing New 4-PIOL and 4-PHP Analogues for Photoinactivation of β -Aminobutyric Acid Type A Receptors. <i>ACS Chemical Neuroscience</i> , 2019, 10, 4669-4684. | 1.7 | 6 |
| 12 | Simultaneous quantification of high-dose naloxone and naloxone-3- β -d-glucuronide in human plasma by UHPLC-MS/MS. <i>Bioanalysis</i> , 2019, 11, 165-173. | 0.6 | 4 |
| 13 | High-dose naloxone, an experimental tool uncovering latent sensitisation: pharmacokinetics in humans. <i>British Journal of Anaesthesia</i> , 2019, 123, e204-e214. | 1.5 | 10 |
| 14 | Identification of α -Glucosidase Inhibitors in <i>Machilus litseifolia</i> by Combined Use of High-Resolution α -Glucosidase Inhibition Profiling and HPLC-PDA-HRMS-SPE-NMR. <i>Journal of Natural Products</i> , 2019, 82, 249-258. | 1.5 | 23 |
| 15 | Five-Membered β -Heterocyclic Scaffolds as Novel Amino Bioisosteres at β -Aminobutyric Acid (GABA) Type A Receptors and GABA Transporters. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 5797-5809. | 2.9 | 20 |
| 16 | 19F-substituted amino acids as an alternative to fluorophore labels: monitoring of degradation and cellular uptake of analogues of penetratin by 19F NMR. <i>Journal of Biomolecular NMR</i> , 2019, 73, 167-182. | 1.6 | 7 |
| 17 | Antidiabetic constituents of <i>Dendrobium officinale</i> as determined by high-resolution profiling of radical scavenging and α -glucosidase and α -amylase inhibition combined with HPLC-PDA-HRMS-SPE-NMR analysis. <i>Phytochemistry Letters</i> , 2019, 31, 47-52. | 0.6 | 23 |
| 18 | Combined magnetic ligand fishing and high-resolution inhibition profiling for identification of α -glucosidase inhibitory ligands: A new screening approach based on complementary inhibition and affinity profiles. <i>Talanta</i> , 2019, 200, 279-287. | 2.9 | 27 |

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|----|---|-----|-----------|
| 19 | Unraveling the complexity of complex mixtures by combining high-resolution pharmacological, analytical and spectroscopic techniques: antidiabetic constituents in Chinese medicinal plants. <i>Faraday Discussions</i> , 2019, 218, 202-218. | 1.6 | 14 |
| 20 | Microwave-assisted solid-phase synthesis of antisense acpP peptide nucleic acid-peptide conjugates active against colistin- and tigecycline-resistant <i>E. Coli</i> and <i>K. Pneumoniae</i> . <i>European Journal of Medicinal Chemistry</i> , 2019, 168, 134-145. | 2.6 | 19 |
| 21 | Discovery of 2-(Imidazo[1,2- <i>b</i>]pyridazin-2-yl)acetic Acid as a New Class of Ligands Selective for the β -Hydroxybutyric Acid (GHB) High-Affinity Binding Sites. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 2798-2813. | 2.9 | 12 |
| 22 | Quadruple high-resolution α -glucosidase/ α -amylase/PTP1B/radical scavenging profiling combined with high-performance liquid chromatographyâ€“high-resolution mass spectrometryâ€“solid-phase extractionâ€“nuclear magnetic resonance spectroscopy for identification of antidiabetic constituents in crude root bark of <i>Morus alba</i> L.. <i>Journal of Chromatography A</i> , 2018, 1556, 55-63. | 1.8 | 47 |
| 23 | Brazilian insulin plant as a bifunctional food: Dual high-resolution PTP1B and α -glucosidase inhibition profiling combined with HPLC-HRMS-SPE-NMR for identification of antidiabetic compounds in <i>Myrcia rubella</i> Cambess. <i>Journal of Functional Foods</i> , 2018, 45, 444-451. | 1.6 | 13 |
| 24 | On the biosynthetic origin of carminic acid. <i>Insect Biochemistry and Molecular Biology</i> , 2018, 96, 51-61. | 1.2 | 12 |
| 25 | Recreational drug use at a major music festival: trend analysis of anonymised pooled urine. <i>Clinical Toxicology</i> , 2018, 56, 245-255. | 0.8 | 13 |
| 26 | 4-Hydroxy-1,2,3-triazole moiety as bioisostere of the carboxylic acid function: a novel scaffold to probe the orthosteric β -aminobutyric acid receptor binding site. <i>European Journal of Medicinal Chemistry</i> , 2018, 158, 311-321. | 2.6 | 27 |
| 27 | High-Resolution PTP1B Inhibition Profiling Combined with HPLC-HRMS-SPE-NMR for Identification of PTP1B Inhibitors from <i>Miconia albicans</i> . <i>Molecules</i> , 2018, 23, 1755. | 1.7 | 16 |
| 28 | Heterologous production of the widely used natural food colorant carminic acid in <i>Aspergillus nidulans</i> . <i>Scientific Reports</i> , 2018, 8, 12853. | 1.6 | 35 |
| 29 | Advancing HPLC-PDA-HRMS-SPE-NMR Analysis of Coumarins in <i>Coleonema album</i> by Use of Orthogonal Reversed-Phase C18 and Pentafluorophenyl Separations. <i>Journal of Natural Products</i> , 2017, 80, 1020-1027. | 1.5 | 27 |
| 30 | Potential of <i>Polygonum cuspidatum</i> Root as an Antidiabetic Food: Dual High-Resolution α -Glucosidase and PTP1B Inhibition Profiling Combined with HPLC-HRMS and NMR for Identification of Antidiabetic Constituents. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 4421-4427. | 2.4 | 51 |
| 31 | Molecular Hybridization of Potent and Selective β -Hydroxybutyric Acid (GHB) Ligands: Design, Synthesis, Binding Studies, and Molecular Modeling of Novel 3-Hydroxycyclopent-1-enecarboxylic Acid (HOCPCA) and trans- β -Hydroxycrotonic Acid (T-HCA) Analogs. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 9022-9039. | 2.9 | 21 |
| 32 | Synthesis of α -Glucosylated Octaketide Anthraquinones in <i>Nicotiana benthamiana</i> by Using a Multispecies-Based Biosynthetic Pathway. <i>ChemBioChem</i> , 2017, 18, 1893-1897. | 1.3 | 24 |
| 33 | Characterization of a membrane-bound C-glucosyltransferase responsible for carminic acid biosynthesis in <i>Dactylopius coccus</i> Costa. <i>Nature Communications</i> , 2017, 8, 1987. | 5.8 | 15 |
| 34 | Characterization of Antileishmanial Compounds from <i>Lawsonia inermis</i> L. Leaves Using Semi-High Resolution Antileishmanial Profiling Combined with HPLC-HRMS-SPE-NMR. <i>Frontiers in Pharmacology</i> , 2017, 8, 337. | 1.6 | 12 |
| 35 | Expanding the Landscape of Diterpene Structural Diversity through Stereochemically Controlled Combinatorial Biosynthesis. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2142-2146. | 7.2 | 134 |
| 36 | High-resolution PTP1B inhibition profiling combined with high-performance liquid chromatographyâ€“high-resolution mass spectrometryâ€“solid-phase extractionâ€“nuclear magnetic resonance spectroscopy: Proof-of-concept and antidiabetic constituents in crude extract of <i>Eremophila lucida</i> . <i>FÄ“terapÄ“e</i> , 2016, 110, 52-58. | 1.1 | 50 |

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|----|---|-----|-----------|
| 37 | Edible seaweed as future functional food: Identification of α -glucosidase inhibitors by combined use of high-resolution α -glucosidase inhibition profiling and HPLC-HRMS-SPE-NMR. Food Chemistry, 2016, 203, 16-22. | 4.2 | 77 |
| 38 | Identification of PTP1B and α -Glucosidase Inhibitory Serrulatanes from <i>Eremophila</i> spp. by Combined use of Dual High-Resolution PTP1B and α -Glucosidase Inhibition Profiling and HPLC-HRMS-SPE-NMR. Journal of Natural Products, 2016, 79, 1063-1072. | 1.5 | 54 |
| 39 | Characterization of midazolam metabolism in locusts: the role of a CYP3A4-like enzyme in the formation of 1-OH and 4-OH midazolam. Xenobiotica, 2016, 46, 99-107. | 0.5 | 18 |
| 40 | Dual High-Resolution α -Glucosidase and Radical Scavenging Profiling Combined with HPLC-HRMS-SPE-NMR for Identification of Minor and Major Constituents Directly from the Crude Extract of <i>Pueraria lobata</i> . Journal of Natural Products, 2015, 78, 294-300. | 1.5 | 47 |
| 41 | Combined Use of High-Resolution α -Glucosidase Inhibition Profiling and High-Performance Liquid Chromatography-High-Resolution Mass Spectrometry-Solid-Phase Extraction-Nuclear Magnetic Resonance Spectroscopy for Investigation of Antidiabetic Principles in Crude Plant Extracts. Journal of Agricultural and Food Chemistry, 2015, 63, 2257-2263. | 2.4 | 49 |
| 42 | Triple aldose reductase/ α -glucosidase/radical scavenging high-resolution profiling combined with high-performance liquid chromatography-high-resolution mass spectrometry-solid-phase extraction-nuclear magnetic resonance spectroscopy for identification of antidiabetic constituents in crude extract of <i>Radix Scutellariae</i> . Journal of Chromatography A, 2015, 1408, 125-132. | 1.8 | 43 |
| 43 | Fungal plasma membrane H ⁺ -ATPase inhibitory activity of o-hydroxybenzylated flavanones and chalcones from <i>Uvaria chamae</i> P. Beauv.. F \rightarrow toterap \rightarrow A, 2015, 105, 102-106. | 1.1 | 15 |
| 44 | 5-(Piperidin-4-yl)-3-hydroxypyrazole: A Novel Scaffold for Probing the Orthosteric β -Aminobutyric Acid Type A Receptor Binding Site. ChemMedChem, 2014, 9, 2475-2485. | 1.6 | 8 |
| 45 | High-Resolution α -Amylase Assay Combined with High-Performance Liquid Chromatography-Solid-Phase Extraction-Nuclear Magnetic Resonance Spectroscopy for Expedited Identification of α -Amylase Inhibitors: Proof of Concept and α -Amylase Inhibitor in Cinnamon. Journal of Agricultural and Food Chemistry, 2014, 62, 11465-11471. | 2.4 | 64 |
| 46 | Positive allosteric modulation of the GHB high-affinity binding site by the GABAA receptor modulator monastrol and the flavonoid catechin. European Journal of Pharmacology, 2014, 740, 570-577. | 1.7 | 21 |
| 47 | High-Resolution Screening Combined with HPLC-HRMS-SPE-NMR for Identification of Fungal Plasma Membrane H ⁺ -ATPase Inhibitors from Plants. Journal of Agricultural and Food Chemistry, 2014, 62, 5595-5602. | 2.4 | 28 |
| 48 | Some transformations of tacrolimus, an immunosuppressive drug. European Journal of Pharmaceutical Sciences, 2013, 48, 514-522. | 1.9 | 15 |
| 49 | HPLC-NMR Revisited: Using Time-Slice High-Performance Liquid Chromatography-Solid-Phase Extraction-Nuclear Magnetic Resonance with Database-Assisted Dereplication. Analytical Chemistry, 2013, 85, 3183-3189. | 3.2 | 31 |
| 50 | Alkaloid analysis by high-performance liquid chromatography-solid phase extraction-nuclear magnetic resonance: New strategies going beyond the standard. Journal of Chromatography A, 2012, 1270, 171-177. | 1.8 | 26 |
| 51 | Direct ¹³ C NMR Detection in HPLC Hyphenation Mode: Analysis of <i>Ganoderma lucidum</i> Terpenoids. Journal of Natural Products, 2012, 75, 876-882. | 1.5 | 31 |
| 52 | From Retrospective Assessment to Prospective Decisions in Natural Product Isolation: HPLC-SPE-NMR Analysis of <i>Carthamus oxyacantha</i> . Journal of Natural Products, 2011, 74, 2454-2461. | 1.5 | 42 |