

Martin Reichel

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

3,259
citations

172457

29
h-index

149698

56
g-index

66
all docs

66
docs citations

66
times ranked

4020
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Statins, obesity, and the microbiome: a potential mechanism for the pleiotropic effects of statin therapy. <i>Kidney International</i> , 2021, 99, 531-533. | 5.2 | 2 |
| 2 | Associations between APOE-, COMT Val108/158Met- and BDNF Val66Met polymorphisms and variations in depressive and anxiety symptoms, sense of coherence and vital exhaustion in the real-life setting of mandatory basic military training. <i>Journal of Neural Transmission</i> , 2021, 128, 105-114. | 2.8 | 3 |
| 3 | Author Reply to Comment on "Assessment of Plasma Oxalate Concentration in Patients With CKD" by Oka et al.. <i>Kidney International Reports</i> , 2021, 6, 1194-1195. | 0.8 | 0 |
| 4 | mRNA Expression of SMPD1 Encoding Acid Sphingomyelinase Decreases upon Antidepressant Treatment. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5700. | 4.1 | 10 |
| 5 | High Oxalate Concentrations Correlate with Increased Risk for Sudden Cardiac Death in Dialysis Patients. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 2375-2385. | 6.1 | 23 |
| 6 | Enteric Oxalate Secretion Mediated by Slc26a6 Defends against Hyperoxalemia in Murine Models of Chronic Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 1987-1995. | 6.1 | 13 |
| 7 | Alcohol Reverses Depression/Anxiety State of Mice With Acid Sphingomyelinase Overexpression. <i>Biological Psychiatry</i> , 2020, 87, S139-S140. | 1.3 | 0 |
| 8 | Assessment of Plasma Oxalate Concentration in Patients With CKD. <i>Kidney International Reports</i> , 2020, 5, 2013-2020. | 0.8 | 17 |
| 9 | The Forebrain-Specific Overexpression of Acid Sphingomyelinase Induces Depressive-Like Symptoms in Mice. <i>Cells</i> , 2020, 9, 1244. | 4.1 | 15 |
| 10 | Acid sphingomyelinase "a regulator of canonical transient receptor potential channel 6 (TRPC6) activity. <i>Journal of Neurochemistry</i> , 2019, 150, 678-690. | 3.9 | 12 |
| 11 | Enhanced Alcohol Preference and Anxiolytic Alcohol Effects in Niemann-Pick Disease Model in Mice. <i>Frontiers in Neurology</i> , 2019, 10, 731. | 2.4 | 17 |
| 12 | Acid sphingomyelinase controls dopamine activity and responses to appetitive stimuli in mice. <i>Brain Research Bulletin</i> , 2019, 146, 310-319. | 3.0 | 18 |
| 13 | P2X7 Receptor Stimulation Is Not Required for Oxalate Crystal-Induced Kidney Injury. <i>Scientific Reports</i> , 2019, 9, 20086. | 3.3 | 7 |
| 14 | Immunoregulatory role of acid sphingomyelinase in allergic asthma. <i>Immunology</i> , 2019, 156, 373-383. | 4.4 | 9 |
| 15 | EFhd2/Swiprosin-1 is a common genetic determinant for sensation-seeking/low anxiety and alcohol addiction. <i>Molecular Psychiatry</i> , 2018, 23, 1303-1319. | 7.9 | 40 |
| 16 | Prenatal androgen receptor activation determines adult alcohol and water drinking in a sex-specific way. <i>Addiction Biology</i> , 2018, 23, 904-920. | 2.6 | 30 |
| 17 | Chronic Psychosocial Stress in Mice Is Associated With Increased Acid Sphingomyelinase Activity in Liver and Serum and With Hepatic C16:0-Ceramide Accumulation. <i>Frontiers in Psychiatry</i> , 2018, 9, 496. | 2.6 | 12 |
| 18 | Vascular and Neurogenic Rejuvenation in Aging Mice by Modulation of ASM. <i>Neuron</i> , 2018, 100, 167-182.e9. | 8.1 | 39 |

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|----|---|-----|-----------|
| 19 | Lipids in psychiatric disorders and preventive medicine. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 76, 336-362. | 6.1 | 116 |
| 20 | Impact of Regular or Extended Hemodialysis and Hemodiafiltration on Plasma Oxalate Concentrations in Patients With End-Stage Renal Disease. <i>Kidney International Reports</i> , 2017, 2, 1050-1058. | 0.8 | 15 |
| 21 | Paradoxical antidepressant effects of alcohol are related to acid sphingomyelinase and its control of sphingolipid homeostasis. <i>Acta Neuropathologica</i> , 2017, 133, 463-483. | 7.7 | 68 |
| 22 | Enhanced Acid Sphingomyelinase Activity Drives Immune Evasion and Tumor Growth in Non-“Small Cell Lung Carcinoma. <i>Cancer Research</i> , 2017, 77, 5963-5976. | 0.9 | 55 |
| 23 | Alternative splicing of SMPD1 coding for acid sphingomyelinase in major depression. <i>Journal of Affective Disorders</i> , 2017, 209, 10-15. | 4.1 | 18 |
| 24 | Role of Acid Sphingomyelinase in the Regulation of Social Behavior and Memory. <i>PLoS ONE</i> , 2016, 11, e0162498. | 2.5 | 19 |
| 25 | A sphingolipid mechanism for behavioral extinction. <i>Journal of Neurochemistry</i> , 2016, 137, 589-603. | 3.9 | 46 |
| 26 | Wnt/ β -catenin signaling via Axin2 is required for myogenesis and, together with YAP/Taz and Tead1, active in Ila/Ilx muscle fibers. <i>Development (Cambridge)</i> , 2016, 143, 3128-3142. | 2.5 | 51 |
| 27 | Kdm6b and Pmepa1 as Targets of Bioelectrically and Behaviorally Induced Activin A Signaling. <i>Molecular Neurobiology</i> , 2016, 53, 4210-4225. | 4.0 | 21 |
| 28 | Wnt/ β -catenin signaling via Axin2 is required for myogenesis and, together with YAP/Taz and Tead1, active in Ila/Ilx muscle fibers. <i>Journal of Cell Science</i> , 2016, 129, e1.2-e1.2. | 2.0 | 0 |
| 29 | Alleged Detrimental Mutations in the SMPD1 Gene in Patients with Niemann-Pick Disease. <i>International Journal of Molecular Sciences</i> , 2015, 16, 13649-13652. | 4.1 | 9 |
| 30 | Hippocampal structure and function are maintained despite severe innate peripheral inflammation. <i>Brain, Behavior, and Immunity</i> , 2015, 49, 156-170. | 4.1 | 21 |
| 31 | Brain membrane lipids in major depression and anxiety disorders. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015, 1851, 1052-1065. | 2.4 | 222 |
| 32 | A central role for the acid sphingomyelinase/ceramide system in neurogenesis and major depression. <i>Journal of Neurochemistry</i> , 2015, 134, 183-192. | 3.9 | 67 |
| 33 | Alterations of plasma glycerophospholipid and sphingolipid species in male alcohol-dependent patients. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015, 1851, 1501-1510. | 2.4 | 23 |
| 34 | Sex-Dependent Decrease of Sphingomyelinase Activity During Alcohol Withdrawal Treatment. <i>Cellular Physiology and Biochemistry</i> , 2014, 34, 71-81. | 1.6 | 24 |
| 35 | The Common Acid Sphingomyelinase Polymorphism p.G508R is Associated with Self-Reported Allergy. <i>Cellular Physiology and Biochemistry</i> , 2014, 34, 82-91. | 1.6 | 11 |
| 36 | Secretion of Acid Sphingomyelinase is Affected by its Polymorphic Signal Peptide. <i>Cellular Physiology and Biochemistry</i> , 2014, 34, 1385-1401. | 1.6 | 14 |

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|----|--|------|-----------|
| 37 | The ceramide system as a novel antidepressant target. Trends in Pharmacological Sciences, 2014, 35, 293-304. | 8.7 | 96 |
| 38 | Acid sphingomyelinase-mediated ceramide system mediates effects of antidepressant drugs. Nature Medicine, 2013, 19, 934-938. | 30.7 | 313 |
| 39 | D.11 - THE ACID SPHINGOMYELINASE/CERAMIDE SYSTEM AS A NEW PATHWAY FOR ANTI-DEPRESSANT ACTION. Behavioural Pharmacology, 2013, 24, e40. | 1.7 | 0 |
| 40 | Sphingolipids in Psychiatric Disorders and Pain Syndromes. Handbook of Experimental Pharmacology, 2013, , 431-456. | 1.8 | 42 |
| 41 | Characterization of Acid Sphingomyelinase Activity in Human Cerebrospinal Fluid. PLoS ONE, 2013, 8, e62912. | 2.5 | 29 |
| 42 | Neuroanatomical correlates of cognitive performance in healthy young adults: the role of basal ganglia volume. Pharmacopsychiatry, 2013, 46, . | 3.3 | 0 |
| 43 | The Acid Sphingomyelinase Sequence Variant p.A487V Is Not Associated With Decreased Levels of Enzymatic Activity. JIMD Reports, 2012, 8, 1-6. | 1.5 | 5 |
| 44 | Functional Implications of Novel Human Acid Sphingomyelinase Splice Variants. PLoS ONE, 2012, 7, e35467. | 2.5 | 27 |
| 45 | Identification of Novel Functional Inhibitors of Acid Sphingomyelinase. PLoS ONE, 2011, 6, e23852. | 2.5 | 145 |
| 46 | Hippocampal Volume Differences Between Healthy Young Apolipoprotein E ϵ 2 and ϵ 4 Carriers. Journal of Alzheimer's Disease, 2011, 26, 207-210. | 2.6 | 62 |
| 47 | Activity of Secretory Sphingomyelinase Is Increased in Plasma of Alcohol-Dependent Patients. Alcoholism: Clinical and Experimental Research, 2011, 35, 1852-1859. | 2.4 | 46 |
| 48 | Influence of brain-derived neurotrophic factor and apolipoprotein E genetic variants on hemispheric and lateral ventricular volume of young healthy adults. Acta Neuropsychiatrica, 2011, 23, 132-138. | 2.1 | 9 |
| 49 | Influence of brain-derived neurotrophic-factor and apolipoprotein E genetic variants on hippocampal volume and memory performance in healthy young adults. Journal of Neural Transmission, 2011, 118, 249-257. | 2.8 | 88 |
| 50 | Increased Acid Sphingomyelinase Activity in Peripheral Blood Cells of Acutely Intoxicated Patients With Alcohol Dependence. Alcoholism: Clinical and Experimental Research, 2010, 34, 46-50. | 2.4 | 43 |
| 51 | Functional Inhibitors of Acid Sphingomyelinase (FIASMs): A Novel Pharmacological Group of Drugs with Broad Clinical Applications. Cellular Physiology and Biochemistry, 2010, 26, 9-20. | 1.6 | 299 |
| 52 | The role of ceramide in major depressive disorder. European Archives of Psychiatry and Clinical Neuroscience, 2009, 259, 199-204. | 3.2 | 46 |
| 53 | Identification of New Functional Inhibitors of Acid Sphingomyelinase Using a Structure-Property-Activity Relation Model. Journal of Medicinal Chemistry, 2008, 51, 219-237. | 6.4 | 203 |
| 54 | Activity of Acid Sphingomyelinase in relation to Hippocampal volume and memory function in young healthy females. European Psychiatry, 2008, 23, S290. | 0.2 | 0 |

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|----|---|-----|-----------|
| 55 | The peroxisome proliferator-activated receptor- γ agonist troglitazone inhibits transforming growth factor- β mediated glioma cell migration and brain invasion. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 1745-1754. | 4.1 | 41 |
| 56 | Prediction of functional inhibition of acid sphingomyelinase and acid ceramidase. <i>Pharmacopsychiatry</i> , 2007, 40, . | 3.3 | 0 |
| 57 | Diagnostic tool for the identification of <i>MLL</i> rearrangements including unknown partner genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 449-454. | 7.1 | 175 |
| 58 | Analysis of t(9;11) chromosomal breakpoint sequences in childhood acute leukemia: Almost identical <i>MLL</i> breakpoints in therapy-related AML after treatment without etoposides. <i>Genes Chromosomes and Cancer</i> , 2003, 36, 393-401. | 2.8 | 70 |
| 59 | A highly specific and sensitive fluorescence in situ hybridization assay for the detection of t(4;11)(q21;q23) and concurrent submicroscopic deletions in acute leukaemias. <i>British Journal of Haematology</i> , 2002, 116, 758-764. | 2.5 | 42 |
| 60 | Rapid isolation of chromosomal breakpoints from patients with t(4;11) acute lymphoblastic leukemia: implications for basic and clinical research. <i>Leukemia</i> , 2001, 15, 286-288. | 7.2 | 9 |
| 61 | Biased distribution of chromosomal breakpoints involving the <i>MLL</i> gene in infants versus children and adults with t(4;11) ALL. <i>Oncogene</i> , 2001, 20, 2900-2907. | 5.9 | 76 |
| 62 | A DNA damage repair mechanism is involved in the origin of chromosomal translocations t(4;11) in primary leukemic cells. <i>Oncogene</i> , 1999, 18, 4663-4671. | 5.9 | 106 |
| 63 | Rapid isolation of chromosomal breakpoints from patients with t(4;11) acute lymphoblastic leukemia: implications for basic and clinical research. <i>Cancer Research</i> , 1999, 59, 3357-62. | 0.9 | 31 |
| 64 | Fine structure of translocation breakpoints in leukemic blasts with chromosomal translocation t(4;11): the DNA damage-repair model of translocation. <i>Oncogene</i> , 1998, 17, 3035-3044. | 5.9 | 90 |
| 65 | Exon/intron structure of the human <i>AF4</i> gene, a member of the <i>AF4/LAF1/FMR2</i> gene family coding for a nuclear protein with structural alterations in acute leukaemia. <i>British Journal of Haematology</i> , 1997, 98, 157-169. | 2.5 | 86 |