

Rainer Lehmann

List of Publications by Year in descending order

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116
papers

5,850
citations

71061

41
h-index

79644

73
g-index

116
all docs

116
docs citations

116
times ranked

9527
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypoxia-Inducible Factor-1 Is Central to Cardioprotection. <i>Circulation</i> , 2008, 118, 166-175.	1.6	372
2	Preanalytical Aspects and Sample Quality Assessment in Metabolomics Studies of Human Blood. <i>Clinical Chemistry</i> , 2013, 59, 833-845.	1.5	225
3	Relationship of Serum Trimethylamine N-Oxide (TMAO) Levels with early Atherosclerosis in Humans. <i>Scientific Reports</i> , 2016, 6, 26745.	1.6	224
4	Effects of pre-analytical processes on blood samples used in metabolomics studies. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 4879-4892.	1.9	209
5	Metabonomic fingerprints of fasting plasma and spot urine reveal human pre-diabetic metabolic traits. <i>Metabolomics</i> , 2010, 6, 362-374.	1.4	181
6	Practical Approach for the Identification and Isomer Elucidation of Biomarkers Detected in a Metabonomic Study for the Discovery of Individuals at Risk for Diabetes by Integrating the Chromatographic and Mass Spectrometric Information. <i>Analytical Chemistry</i> , 2008, 80, 1280-1289.	3.2	178
7	Simultaneous extraction of metabolome and lipidome with methyl tert-butyl ether from a single small tissue sample for ultra-high performance liquid chromatography/mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1298, 9-16.	1.8	173
8	Use of High-Affinity Cell Wall-Binding Domains of Bacteriophage Endolysins for Immobilization and Separation of Bacterial Cells. <i>Applied and Environmental Microbiology</i> , 2007, 73, 1992-2000.	1.4	153
9	Changes of the plasma metabolome during an oral glucose tolerance test: is there more than glucose to look at?. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 296, E384-E393.	1.8	143
10	Liquid chromatography-mass spectrometry in metabolomics research: Mass analyzers in ultra high pressure liquid chromatography coupling. <i>Journal of Chromatography A</i> , 2013, 1292, 51-65.	1.8	139
11	Molecular mechanism of diabetic nephropathy. <i>Clinica Chimica Acta</i> , 2000, 297, 135-144.	0.5	132
12	Medium Chain Acylcarnitines Dominate the Metabolite Pattern in Humans under Moderate Intensity Exercise and Support Lipid Oxidation. <i>PLoS ONE</i> , 2010, 5, e11519.	1.1	118
13	How Insulin Receptor Substrate Proteins Regulate the Metabolic Capacity of the Liver - Implications for Health and Disease. <i>Current Medicinal Chemistry</i> , 2008, 15, 1316-1329.	1.2	115
14	Direct Cross-talk of Interleukin-6 and Insulin Signal Transduction via Insulin Receptor Substrate-1 in Skeletal Muscle Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 7060-7067.	1.6	113
15	Hepatic Lipid Composition and Stearoyl-Coenzyme A Desaturase 1 mRNA Expression Can Be Estimated from Plasma VLDL Fatty Acid Ratios. <i>Clinical Chemistry</i> , 2009, 55, 2113-2120.	1.5	113
16	Protein Kinase C- α -induced Phosphorylation of Ser318 in Insulin Receptor Substrate-1 (IRS-1) Attenuates the Interaction with the Insulin Receptor and the Tyrosine Phosphorylation of IRS-1. <i>Journal of Biological Chemistry</i> , 2004, 279, 25157-25163.	1.6	108
17	Auditory closed-loop stimulation of EEG slow oscillations strengthens sleep and signs of its immune-supportive function. <i>Nature Communications</i> , 2017, 8, 1984.	5.8	101
18	Circulating Lysophosphatidylcholines Are Markers of a Metabolically Benign Nonalcoholic Fatty Liver. <i>Diabetes Care</i> , 2013, 36, 2331-2338.	4.3	100

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19	In Situ Synthesis of Magnetic Multiwalled Carbon Nanotube Composites for the Clean-up of (Fluoro)Quinolones from Human Plasma Prior to Ultrahigh Pressure Liquid Chromatography Analysis. <i>Analytical Chemistry</i> , 2010, 82, 2743-2752.	3.2	98
20	Exercise-Induced Secretion of FGF21 and Follistatin Are Blocked by Pancreatic Clamp and Impaired in Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 2816-2825.	1.8	86
21	Leptin downregulates insulin action through phosphorylation of serine318 in insulin receptor substrate 1. <i>FASEB Journal</i> , 2006, 20, 1206-1208.	0.2	84
22	Novel, fully automatic hydrophilic interaction/reversed-phase column-switching high-performance liquid chromatographic system for the complementary analysis of polar and apolar compounds in complex samples. <i>Journal of Chromatography A</i> , 2008, 1204, 28-34.	1.8	82
23	Retention Time Prediction Improves Identification in Nontargeted Lipidomics Approaches. <i>Analytical Chemistry</i> , 2015, 87, 7698-7704.	3.2	80
24	Acute regulation of metabolic genes and insulin receptor substrates in the liver of mice by one single bout of treadmill exercise. <i>Journal of Physiology</i> , 2009, 587, 241-252.	1.3	79
25	Type 2 diabetes alters metabolic and transcriptional signatures of glucose and amino acid metabolism during exercise and recovery. <i>Diabetologia</i> , 2015, 58, 1845-1854.	2.9	79
26	Metabonomics Study on the Effects of the Ginsenoside Rg3 in a β -Cyclodextrin-Based Formulation on Tumor-Bearing Rats by a Fully Automatic Hydrophilic Interaction/Reversed-Phase Column-Switching HPLC-ESI-MS Approach. <i>Analytical Chemistry</i> , 2008, 80, 4680-4688.	3.2	74
27	Automated Label-free Quantification of Metabolites from Liquid Chromatography-Mass Spectrometry Data. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 348-359.	2.5	74
28	Cathepsin G, and Not the Asparagine-Specific Endoprotease, Controls the Processing of Myelin Basic Protein in Lysosomes from Human B Lymphocytes. <i>Journal of Immunology</i> , 2004, 172, 5495-5503.	0.4	73
29	Evidence for a Novel TGF- β 1-Independent Mechanism of Fibronectin Production in Mesangial Cells Overexpressing Glucose Transporters. <i>Diabetes</i> , 2003, 52, 527-535.	0.3	68
30	Divergent Roles of IRS (Insulin Receptor Substrate) 1 and 2 in Liver and Skeletal Muscle. <i>Current Medicinal Chemistry</i> , 2017, 24, 1827-1852.	1.2	67
31	High Hepatic SCD1 Activity Is Associated with Low Liver Fat Content in Healthy Subjects under a Lipogenic Diet. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E2288-E2292.	1.8	66
32	Insulin Sensitivity Is Reflected by Characteristic Metabolic Fingerprints - A Fourier Transform Mass Spectrometric Non-Targeted Metabolomics Approach. <i>PLoS ONE</i> , 2010, 5, e13317.	1.1	58
33	Phosphorylation of Vasodilator-Stimulated Phosphoprotein Prevents Platelet-Neutrophil Complex Formation and Dampens Myocardial Ischemia-Reperfusion Injury. <i>Circulation</i> , 2011, 123, 2579-2590.	1.6	55
34	Interplay and Effects of Temporal Changes in the Phosphorylation State of Serine-302, -307, and -318 of Insulin Receptor Substrate-1 on Insulin Action in Skeletal Muscle Cells. <i>Molecular Endocrinology</i> , 2008, 22, 2729-2740.	3.7	54
35	Serum or plasma, what is the difference? Investigations to facilitate the sample material selection decision making process for metabolomics studies and beyond. <i>Analytica Chimica Acta</i> , 2018, 1037, 293-300.	2.6	54
36	Capillary electrophoresis in clinical chemistry. <i>Biomedical Applications</i> , 1997, 697, 3-35.	1.7	53

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37	The lipid profile of brown adipose tissue is sex-specific in mice. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2014, 1841, 1563-1570.	1.2	52
38	The secretome of the working human skeletal muscleâ€”A promising opportunity to combat the metabolic disaster?. <i>Proteomics - Clinical Applications</i> , 2014, 8, 5-18.	0.8	51
39	Nontargeted Modification-Specific Metabolomics Study Based on Liquid Chromatographyâ€”High-Resolution Mass Spectrometry. <i>Analytical Chemistry</i> , 2014, 86, 9146-9153.	3.2	50
40	Lipidomics Analysis Reveals Efficient Storage of Hepatic Triacylglycerides Enriched in Unsaturated Fatty Acids after One Bout of Exercise in Mice. <i>PLoS ONE</i> , 2010, 5, e13318.	1.1	49
41	Metabolic Signatures of Cultured Human Adipocytes from Metabolically Healthy versus Unhealthy Obese Individuals. <i>PLoS ONE</i> , 2014, 9, e93148.	1.1	47
42	Release of lysophospholipid â€”find-meâ€” signals during apoptosis requires the ATP-binding cassette transporter A1. <i>Autoimmunity</i> , 2012, 45, 568-573.	1.2	45
43	Integrated enrichment analysis and pathway-centered visualization of metabolomics, proteomics, transcriptomics, and genomics data by using the InCroMAP software. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 966, 77-82.	1.2	44
44	The Diabetes Risk Phenotype of Young Women With Recent Gestational Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E910-E918.	1.8	44
45	Evaluation of Stress Responses to Interval Training at Low and Moderate Altitudes. <i>Medicine and Science in Sports and Exercise</i> , 2003, 35, 263-269.	0.2	41
46	The Application of Chromatography-Mass Spectrometry: Methods to Metabonomics. <i>Chromatographia</i> , 2009, 69, 23-32.	0.7	41
47	Stable Isotope-Assisted Lipidomics Combined with Nontargeted Isotopomer Filtering, a Tool to Unravel the Complex Dynamics of Lipid Metabolism. <i>Analytical Chemistry</i> , 2013, 85, 4651-4657.	3.2	41
48	Solutions for Low and High Accuracy Mass Spectrometric Data Matching: A Data-Driven Annotation Strategy in Nontargeted Metabolomics. <i>Analytical Chemistry</i> , 2015, 87, 8917-8924.	3.2	41
49	Circulating Omentin as a Novel Biomarker for Colorectal Cancer Risk: Data from the EPICâ€”Potsdam Cohort Study. <i>Cancer Research</i> , 2016, 76, 3862-3871.	0.4	41
50	The Phosphorylation of Ser318 of Insulin Receptor Substrate 1 Is Not per se Inhibitory in Skeletal Muscle Cells but Is Necessary to Trigger the Attenuation of the Insulin-stimulated Signal. <i>Journal of Biological Chemistry</i> , 2005, 280, 37393-37399.	1.6	38
51	Lysophosphatidylcholines activate PPAR γ and protect human skeletal muscle cells from lipotoxicity. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 1980-1992.	1.2	38
52	Insulin-induced stimulation of JNK and the PI 3-kinase/mTOR pathway leads to phosphorylation of serine 318 of IRS-1 in C2C12 myotubes. <i>Biochemical and Biophysical Research Communications</i> , 2005, 335, 819-825.	1.0	37
53	Human Prostate Cancer Is Characterized by an Increase in Urea Cycle Metabolites. <i>Cancers</i> , 2020, 12, 1814.	1.7	37
54	Phosphorylation of Ser357 of Rat Insulin Receptor Substrate-1 Mediates Adverse Effects of Protein Kinase C- β on Insulin Action in Skeletal Muscle Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 11226-11233.	1.6	35

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55	Purity matters: A workflow for the valid high-resolution lipid profiling of mitochondria from cell culture samples. <i>Scientific Reports</i> , 2016, 6, 21107.	1.6	35
56	Insulin Glulisine: Insulin Receptor Signaling Characteristics In Vivo. <i>Diabetes</i> , 2005, 54, 361-366.	0.3	34
57	Overexpression of glutamine:fructose-6-phosphate-amidotransferase induces transforming growth factor- β 1 synthesis in NIH-3T3 fibroblasts. <i>FEBS Letters</i> , 2001, 488, 95-99.	1.3	33
58	Capillary electrophoresis of human serum proteins and apolipoproteins. <i>Electrophoresis</i> , 1995, 16, 998-1001.	1.3	32
59	Insulin-induced serine phosphorylation of IRS-2 via ERK1/2 and mTOR: studies on the function of Ser ⁶⁷⁵ and Ser ⁹⁰⁷ . <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 300, E824-E836.	1.8	32
60	Leptin levels in humans are acutely suppressed by isoproterenol despite acipimox-induced inhibition of lipolysis, but not by free fatty acids. <i>Metabolism: Clinical and Experimental</i> , 2000, 49, 335-339.	1.5	31
61	Propofol Related Infusion Syndrome. <i>Critical Care Medicine</i> , 2018, 46, e91-e94.	0.4	30
62	Quality Control of Serum and Plasma by Quantification of (4E,14Z)-Sphingadinenine-C18-1-Phosphate Uncovers Common Preanalytical Errors During Handling of Whole Blood. <i>Clinical Chemistry</i> , 2018, 64, 810-819.	1.5	30
63	Simultaneous, quantitative analysis of UDP-N-acetylglucosamine, UDP-N-acetylgalactosamine, UDP-glucose and UDP-galactose in human peripheral blood cells, muscle biopsies and cultured mesangial cells by capillary zone electrophoresis. <i>Electrophoresis</i> , 2000, 21, 3010-3015.	1.3	29
64	Alkaline liquid chromatography/electrospray ionization skimmer collision-induced dissociation mass spectrometry for phosphopeptide screening. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 2324-2333.	0.7	29
65	Linking bioenergetic function of mitochondria to tissue-specific molecular fingerprints. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E374-E387.	1.8	29
66	Identification of an in vitro insulin receptor substrate-1 phosphorylation site by negative-ion $\text{I}^4\text{LC/ES-API-CID-MS}$ hybrid scan technique. <i>Journal of the American Society for Mass Spectrometry</i> , 2003, 14, 401-405.	1.2	27
67	Phosphorylation of Serine 1137/1138 of Mouse Insulin Receptor Substrate (IRS) 2 Regulates cAMP-dependent Binding to 14-3-3 Proteins and IRS2 Protein Degradation. <i>Journal of Biological Chemistry</i> , 2013, 288, 16403-16415.	1.6	27
68	Production and Release of Acylcarnitines by Primary Myotubes Reflect the Differences in Fasting Fat Oxidation of the Donors. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E1137-E1142.	1.8	27
69	Muscle-Liver Substrate Fluxes in Exercising Humans and Potential Effects on Hepatic Metabolism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 1196-1209.	1.8	27
70	Liquid chromatography-based determination of urinary free and total N(epsilon)-(carboxymethyl)lysine excretion in normal and diabetic subjects. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 794, 273-280.	1.2	26
71	Androgen receptor overexpression in prostate cancer in type 2 diabetes. <i>Molecular Metabolism</i> , 2018, 8, 158-166.	3.0	22
72	Phosphorylation of vasodilator-stimulated phosphoprotein contributes to myocardial ischemic preconditioning. <i>Basic Research in Cardiology</i> , 2018, 113, 11.	2.5	20

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73	From bedside to bench – practical considerations to avoid pre-analytical pitfalls and assess sample quality for high-resolution metabolomics and lipidomics analyses of body fluids. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 5567-5585.	1.9	20
74	Screening and identification of familial defective apolipoprotein B-100 in clinical samples by capillary gel electrophoresis. <i>Journal of Chromatography A</i> , 1996, 744, 187-194.	1.8	17
75	Clinical and non-targeted metabolomic profiling of homozygous carriers of Transcription Factor 7-like 2 variant rs7903146. <i>Scientific Reports</i> , 2014, 4, 5296.	1.6	17
76	Muscle and liver-specific alterations in lipid and acylcarnitine metabolism after a single bout of exercise in mice. <i>Scientific Reports</i> , 2016, 6, 22218.	1.6	17
77	Which is the urine sample material of choice for metabolomics-driven biomarker studies?. <i>Analytica Chimica Acta</i> , 2020, 1105, 120-127.	2.6	17
78	Enforced expression of protein kinase C in skeletal muscle causes physical inactivity, fatty liver and insulin resistance in the brain. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 903-913.	1.6	16
79	Capillary electrophoresis, a rapid and sensitive method for routine analysis of apolipoprotein A-I in clinical samples. <i>Journal of Chromatography A</i> , 1995, 717, 25-31.	1.8	15
80	¹ H NMR-based metabolite profiling workflow to reduce inter-sample chemical shift variations in urine samples for improved biomarker discovery. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 4683-4691.	1.9	15
81	Comprehensive Profiling by Non-targeted Stable Isotope Tracing Capillary Electrophoresis-Mass Spectrometry: A New Tool Complementing Metabolomic Analyses of Polar Metabolites. <i>Chemistry - A European Journal</i> , 2019, 25, 5427-5432.	1.7	15
82	Metabolomic Characteristics of Fatty Pancreas. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2020, 128, 804-810.	0.6	14
83	Capillary electrophoresis in biochemical and clinical laboratories. <i>Journal of Chromatography A</i> , 1998, 807, 135-149.	1.8	12
84	Identification of the Amino Acids 300-600 of IRS-2 as 14-3-3 Binding Region with the Importance of IGF-1/Insulin-Regulated Phosphorylation of Ser-573. <i>PLoS ONE</i> , 2012, 7, e43296.	1.1	12
85	Preanalytics: what can metabolomics learn from clinical chemistry?. <i>Bioanalysis</i> , 2015, 7, 927-930.	0.6	12
86	Analysis of the deletion/insertion polymorphism of the angiotensin I-converting enzyme gene by capillary electrophoresis. <i>Clinica Chimica Acta</i> , 1996, 248, 197-203.	0.5	11
87	Novel Hemoglobin Variant [H ²⁶⁶ (E10) Lys [†] Asn], with Decreased Oxygen Affinity, Causes Falsely Low Hemoglobin A1c Values by HPLC. <i>Clinical Chemistry</i> , 2003, 49, 1412-1415.	1.5	11
88	Diagnostic Accuracy of a Novel Chromogenic Direct Thrombin Inhibitor Assay: Clinical Experiences for Dabigatran Monitoring. <i>Thrombosis and Haemostasis</i> , 2017, 117, 2369-2375.	1.8	11
89	Genetic variation in TCF7L2 rs7903146 and history of GDM negatively and independently impact on diabetes-associated metabolic traits. <i>Diabetes Research and Clinical Practice</i> , 2018, 146, 251-257.	1.1	11
90	Exercise prevents fatty liver by modifying the compensatory response of mitochondrial metabolism to excess substrate availability. <i>Molecular Metabolism</i> , 2021, 54, 101359.	3.0	11

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91	Development and precise characterization of phospho-site-specific antibody of Ser357 of IRS-1: Elimination of cross reactivity with adjacent Ser358. <i>Biochemical and Biophysical Research Communications</i> , 2008, 376, 26-31.	1.0	10
92	The Uncoordinated-5 Homolog B (UNC5B) Receptor Increases Myocardial Ischemia-Reperfusion Injury. <i>PLoS ONE</i> , 2013, 8, e69477.	1.1	10
93	Mass-spectrometric multi-omics linked to function – State-of-the-art investigations of mitochondria in systems medicine. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 119, 115635.	5.8	10
94	Independent component analysis in non-hypothesis driven metabolomics: Improvement of pattern discovery and simplification of biological data interpretation demonstrated with plasma samples of exercising humans. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 910, 156-162.	1.2	9
95	Sensitivity improvement in hydrophilic interaction chromatography negative mode electrospray ionization mass spectrometry using 2-(2-methoxyethoxy)ethanol as a post-column modifier for non-targeted metabolomics. <i>Journal of Chromatography A</i> , 2014, 1361, 209-216.	1.8	9
96	Hemostatic alterations linked to body fat distribution, fatty liver, and insulin resistance. <i>Molecular Metabolism</i> , 2021, 53, 101262.	3.0	9
97	Lifestyle Intervention Improves Prothrombotic Coagulation Profile in Individuals at High Risk for Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e3198-e3207.	1.8	8
98	Partitioning-Defective Protein 6 Regulates Insulin-Dependent Glycogen Synthesis via Atypical Protein Kinase C. <i>Molecular Endocrinology</i> , 2004, 18, 1287-1300.	3.7	7
99	Nasal insulin administration does not affect hepatic glucose production at systemic fasting insulin levels. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 993-1000.	2.2	7
100	Characterization of natural peptides from bovine tissue using capillary electrophoresis, high performance liquid chromatography, matrix-assisted laser desorption ionization, and Edman degradation. <i>Electrophoresis</i> , 1996, 17, 518-522.	1.3	6
101	Diabetes Subphenotypes and Metabolomics: The Key to Discovering Laboratory Markers for Personalized Medicine?. <i>Clinical Chemistry</i> , 2013, 59, 1294-1296.	1.5	6
102	Monitoring of low dabigatran concentrations: diagnostic performance at clinically relevant decision thresholds. <i>Journal of Thrombosis and Thrombolysis</i> , 2020, 49, 457-467.	1.0	6
103	Investigation of a capillary electrophoretic approach for direct quantification of apolipoprotein A-I in serum. <i>Electrophoresis</i> , 2003, 24, 1422-1428.	1.3	4
104	Inferring Disease-Related Metabolite Dependencies with a Bayesian Optimization Algorithm. <i>Lecture Notes in Computer Science</i> , 2012, , 62-73.	1.0	4
105	Comparison of the metabolome in urine prior and eight weeks after radical prostatectomy uncovers pathologic and molecular features of prostate cancer. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 205, 114288.	1.4	3
106	Wrapper- and Ensemble-Based Feature Subset Selection Methods for Biomarker Discovery in Targeted Metabolomics. <i>Lecture Notes in Computer Science</i> , 2011, , 121-132.	1.0	3
107	Investigating the Role of Mitochondria in Type 2 Diabetes – Lessons from Lipidomics and Proteomics Studies of Skeletal Muscle and Liver. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1158, 143-182.	0.8	3
108	Advances in Reverse Transcription Polymerase Chain Reaction Analysis of Cellular mRNA Levels of Transforming Growth Factor- β 1 by Capillary Electrophoresis with Laser-Induced Fluorescence Detection. <i>Clinical Chemistry and Laboratory Medicine</i> , 1999, 37, 527-32.	1.4	2

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109	Association Between Urinary Catecholamine Excretion and Urine Volume. <i>Hormone and Metabolic Research</i> , 2019, 51, 531-538.	0.7	2
110	Identification and regulation of the xenometabolite derivatives cis- and trans-3,4-methylene-heptanoylcarnitine in plasma and skeletal muscle of exercising humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 318, E701-E709.	1.8	2
111	Protein kinase C- η phosphorylates serine/threonine residues at the C-terminal binding motif of the tyrosine phosphatase SHP-2 of insulin receptor substrate 1. <i>Signal Transduction</i> , 2002, 2, 40-45.	0.7	1
112	Pre-analytics in biomedical metabolomics. , 2020, , 33-56.		1
113	Diagnostic Performance of Sex-Specific Modified Metabolite Patterns in Urine for Screening of Prediabetes. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	1
114	Capillary Electrophoresis in the Analysis of the Deletion/Insertion Polymorphism of the Angiotensin I-Converting Enzyme Gene. <i>Clinical Chemistry</i> , 1998, 44, 1582a-1583.	1.5	0
115	Lipoprotein Analysis. , 2001, , 113-144.		0
116	Running without IL-6. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S192.	0.2	0