

# Michael Vogeser

## List of Publications by Year in descending order

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183  
papers

8,562  
citations

53794

45  
h-index

48315

88  
g-index

185  
all docs

185  
docs citations

185  
times ranked

8713  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recommendations for the diagnosis and management of corticosteroid insufficiency in critically ill adult patients: Consensus statements from an international task force by the American College of Critical Care Medicine. <i>Critical Care Medicine</i> , 2008, 36, 1937-1949.	0.9	1,405
2	Role of brain natriuretic peptide in risk stratification of patients with congestive heart failure. <i>Journal of the American College of Cardiology</i> , 2001, 38, 1934-1941.	2.8	374
3	Clinical significance of brain natriuretic peptide in primary pulmonary hypertension. <i>Journal of the American College of Cardiology</i> , 2004, 43, 764-770.	2.8	266
4	Pitfalls Associated with the Use of Liquid Chromatographyâ€”Tandem Mass Spectrometry in the Clinical Laboratory. <i>Clinical Chemistry</i> , 2010, 56, 1234-1244.	3.2	262
5	Brain Natriuretic Peptide Is a Prognostic Parameter in Chronic Lung Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006, 173, 744-750.	5.6	255
6	Hypervolemia increases release of atrial natriuretic peptide and shedding of the endothelial glycocalyx. <i>Critical Care</i> , 2014, 18, 538.	5.8	252
7	Adrenal function in sepsis: The retrospective Corticus cohort study. <i>Critical Care Medicine</i> , 2007, 35, 1012-1018.	0.9	227
8	A decade of HPLCâ€”MS/MS in the routine clinical laboratory â€” Goals for further developments. <i>Clinical Biochemistry</i> , 2008, 41, 649-662.	1.9	195
9	Brain Natriuretic Peptide and Exercise Capacity in Lung Fibrosis and Pulmonary Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004, 170, 360-365.	5.6	194
10	Plasma Concentrations of Endocannabinoids and Related Primary Fatty Acid Amides in Patients with Post-Traumatic Stress Disorder. <i>PLoS ONE</i> , 2013, 8, e62741.	2.5	162
11	Randomized, Double-Blind, Placebo-Controlled Trial of Oral Sirolimus for Restenosis Prevention in Patients With In-Stent Restenosis. <i>Circulation</i> , 2004, 110, 790-795.	1.6	160
12	Airway anastomosis complications in de novo lung transplantation with sirolimus-based immunosuppression. <i>Journal of Heart and Lung Transplantation</i> , 2004, 23, 632-638.	0.6	157
13	N-terminal Pro-Brain Natriuretic Peptide and Renal Insufficiency as Predictors of Mortality in Pulmonary Hypertension. <i>Chest</i> , 2007, 131, 402-409.	0.8	150
14	Liquid Chromatography Tandem-mass Spectrometry (LC-MS/MS) - Technique and Applications in Endocrinology. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2007, 115, 559-570.	1.2	133
15	Inhibition of Neointima Formation by a Novel Drug-Eluting Stent System That Allows for Dose-Adjustable, Multiple, and On-Site Stent Coating. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 748-753.	2.4	125
16	Release of atrial natriuretic peptide precedes shedding of the endothelial glycocalyx equally in patients undergoing on- and off-pump coronary artery bypass surgery. <i>Basic Research in Cardiology</i> , 2011, 106, 1111-1121.	5.9	121
17	Candidate Reference Method for the Quantification of Circulating 25-Hydroxyvitamin D3 by Liquid Chromatographyâ€”Tandem Mass Spectrometry. <i>Clinical Chemistry</i> , 2004, 50, 1415-1417.	3.2	120
18	Mycophenolate mofetil and sirolimus as calcineurin inhibitor-free immunosuppression for late cardiac-transplant recipients with chronic renal failure. <i>Transplantation</i> , 2004, 77, 568-574.	1.0	117

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19	Motion Sickness, Stress and the Endocannabinoid System. PLoS ONE, 2010, 5, e10752.	2.5	117
20	Characterization of Brain Natriuretic Peptide in Long-term Follow-up of Pulmonary Arterial Hypertension. Chest, 2005, 128, 2368-2374.	0.8	114
21	Relationship of a common polymorphism of the glucocorticoid receptor gene to traumatic memories and posttraumatic stress disorder in patients after intensive care therapy. Critical Care Medicine, 2011, 39, 643-650.	0.9	103
22	Fasting serum insulin and the homeostasis model of insulin resistance (HOMA-IR) in the monitoring of lifestyle interventions in obese persons. Clinical Biochemistry, 2007, 40, 964-968.	1.9	95
23	Vitamin D and metabolites measurement by tandem mass spectrometry. Reviews in Endocrine and Metabolic Disorders, 2013, 14, 159-184.	5.7	94
24	Sirolimus Impairs Gonadal Function in Heart Transplant Recipients. American Journal of Transplantation, 2004, 4, 1084-1088.	4.7	88
25	Quantification of circulating 25-hydroxyvitamin D by liquid chromatography-tandem mass spectrometry. Journal of Steroid Biochemistry and Molecular Biology, 2010, 121, 565-573.	2.5	86
26	Multicenter comparison of cortisol as measured by different methods in samples of patients with septic shock. Intensive Care Medicine, 2009, 35, 2151-2156.	8.2	85
27	Progress in automation of LC-MS in laboratory medicine. Clinical Biochemistry, 2011, 44, 4-13.	1.9	85
28	Mycophenolate and Sirolimus as Calcineurin Inhibitor-Free Immunosuppression Improves Renal Function Better Than Calcineurin Inhibitor-Reduction in Late Cardiac Transplant Recipients With Chronic Renal Failure. Transplantation, 2009, 87, 726-733.	1.0	74
29	Quantification of piperacillin, tazobactam, cefepime, meropenem, ciprofloxacin and linezolid in serum using an isotope dilution UHPLC-MS/MS method with semi-automated sample preparation. Clinical Chemistry and Laboratory Medicine, 2015, 53, 781-91.	2.3	70
30	Potential Lack of Specificity Using Electrospray Tandem-Mass Spectrometry for the Analysis of Mycophenolic Acid in Serum. Therapeutic Drug Monitoring, 2001, 23, 722-724.	2.0	67
31	Dual role of hexadecylphosphocholine (miltefosine) in thermosensitive liposomes: Active ingredient and mediator of drug release. Journal of Controlled Release, 2008, 125, 112-120.	9.9	67
32	Anandamide and neutrophil function in patients with fibromyalgia. Psychoneuroendocrinology, 2008, 33, 676-685.	2.7	65
33	Release of anandamide from blood cells. Clinical Chemistry and Laboratory Medicine, 2006, 44, 488-91.	2.3	63
34	Role of endogenous glucocorticoid metabolism in human acute pancreatitis*. Critical Care Medicine, 2006, 34, 1060-1066.	0.9	62
35	No endogenous ouabain is detectable in human plasma by ultra-sensitive UPLC-MS/MS. Clinica Chimica Acta, 2014, 431, 87-92.	1.1	58
36	The pre-clinical assessment of rapamycin-eluting, durable polymer-free stent coating concepts. Biomaterials, 2009, 30, 632-637.	11.4	57

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37	Traumatic memories, post-traumatic stress disorder and serum cortisol levels in long-term survivors of the acute respiratory distress syndrome. <i>Brain Research</i> , 2009, 1293, 114-120.	2.2	54
38	Local statin therapy differentially interferes with smooth muscle and endothelial cell proliferation and reduces neointima on a drug-eluting stent platform. <i>Cardiovascular Research</i> , 2005, 68, 483-492.	3.8	52
39	Proton Pump Inhibitor Co-medication Reduces Mycophenolate Acid Drug Exposure in Heart Transplant Recipients. <i>Journal of Heart and Lung Transplantation</i> , 2009, 28, 605-611.	0.6	52
40	Role of renal function in risk assessment of target non-attainment after standard dosing of meropenem in critically ill patients: a prospective observational study. <i>Critical Care</i> , 2017, 21, 263.	5.8	52
41	Piperacillin concentration in relation to therapeutic range in critically ill patients – a prospective observational study. <i>Critical Care</i> , 2016, 20, 79.	5.8	50
42	Simultaneous quantification of seven repurposed COVID-19 drugs remdesivir (plus metabolite) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 55 two-dimensional isotope dilution LC-MS/MS method in human serum. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 196, 113935.	2.8	50
43	Quantification of Sirolimus by Liquid Chromatography-Tandem Mass Spectrometry Using On-Line Solid-Phase Extraction. <i>Clinical Chemistry and Laboratory Medicine</i> , 2002, 40, 40-5.	2.3	49
44	Dialyzable free cortisol after stimulation with Synacthen®. <i>Clinical Biochemistry</i> , 2002, 35, 539-543.	1.9	47
45	Measurement of late-night salivary cortisol with an automated immunoassay system. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006, 44, 1441-5.	2.3	47
46	Determination of Serum Cortisol by Isotope-Dilution Liquid-Chromatography Electrospray Ionization Tandem Mass Spectrometry with On-line Extraction. <i>Clinical Chemistry and Laboratory Medicine</i> , 2001, 39, 944-7.	2.3	44
47	Serum concentrations of cortisol, interleukin 6, leptin and adiponectin predict stress induced insulin resistance in acute inflammatory reactions. <i>Critical Care</i> , 2008, 12, R157.	5.8	44
48	Pitfalls in measuring the endocannabinoid 2-arachidonoyl glycerol in biological samples. <i>Clinical Chemistry and Laboratory Medicine</i> , 2007, 45, 1023-5.	2.3	42
49	Multicenter performance evaluation of a second generation cortisol assay. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017, 55, 826-835.	2.3	41
50	Corticosteroid-binding globulin and free cortisol in the early postoperative period after cardiac surgery. <i>Clinical Biochemistry</i> , 1999, 32, 213-216.	1.9	40
51	Quantification of voriconazole in plasma by liquid chromatography-tandem mass spectrometry. <i>Clinical Chemistry and Laboratory Medicine</i> , 2005, 43, 730-4.	2.3	40
52	Elevated Levels of Methylmalonate and Homocysteine in Parkinson's Disease, Progressive Supranuclear Palsy and Amyotrophic Lateral Sclerosis. <i>Dementia and Geriatric Cognitive Disorders</i> , 2010, 29, 553-559.	1.5	40
53	Free serum cortisol: quantification applying equilibrium dialysis or ultrafiltration and an automated immunoassay system. <i>Clinical Chemistry and Laboratory Medicine</i> , 2007, 45, 521-5.	2.3	39
54	Predictors of Inadequate Linezolid Concentrations after Standard Dosing in Critically Ill Patients. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 5254-5261.	3.2	39

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55	Thyroid function in breast cancer patients. <i>Anticancer Research</i> , 2010, 30, 1713-7.	1.1	39
56	Antidiabetic gliptins in combination with G-CSF enhances myocardial function and survival after acute myocardial infarction. <i>International Journal of Cardiology</i> , 2013, 168, 3359-3369.	1.7	38
57	Serum cortisol/cortisone ratio after Synacthen stimulation. <i>Clinical Biochemistry</i> , 2001, 34, 421-425.	1.9	37
58	Liquid Chromatography-Tandem Mass Spectrometry – Application in the Clinical Laboratory. <i>Clinical Chemistry and Laboratory Medicine</i> , 2003, 41, 117-26.	2.3	37
59	The higher the better? Defining the optimal beta-lactam target for critically ill patients to reach infection resolution and improve outcome. <i>Journal of Intensive Care</i> , 2020, 8, 86.	2.9	37
60	Therapeutic Drug Monitoring of Meropenem and Piperacillin in Critical Illness – Experience and Recommendations from One Year in Routine Clinical Practice. <i>Antibiotics</i> , 2020, 9, 131.	3.7	35
61	Quality management in clinical application of mass spectrometry measurement systems. <i>Clinical Biochemistry</i> , 2016, 49, 947-954.	1.9	34
62	Quantification of vancomycin in human serum by LC-MS/MS. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013, 51, 1761-9.	2.3	33
63	Free Serum Cortisol during the Postoperative Acute Phase Response Determined by Equilibrium Dialysis Liquid Chromatography-Tandem Mass Spectrometry. <i>Clinical Chemistry and Laboratory Medicine</i> , 2003, 41, 146-51.	2.3	32
64	Pitfall in the high-throughput quantification of whole blood cyclosporin A using liquid chromatography-tandem mass spectrometry. <i>Clinical Chemistry and Laboratory Medicine</i> , 2005, 43, 400-2.	2.3	32
65	Multi-center analytical evaluation of a novel automated tacrolimus immunoassay. <i>Clinical Biochemistry</i> , 2014, 47, 1069-1077.	1.9	32
66	The proton pump inhibitor pantoprazole and its interaction with enteric-coated mycophenolate sodium in transplant recipients. <i>Journal of Heart and Lung Transplantation</i> , 2011, 30, 565-571.	0.6	30
67	Chromogranin A as Serum Marker for Gastroenteropancreatic Neuroendocrine Tumors: A Single Center Experience and Literature Review. <i>Cancers</i> , 2012, 4, 141-155.	3.7	30
68	Inter-Laboratory Robustness of Next-Generation Bile Acid Study in Mice and Humans: International Ring Trial Involving 12 Laboratories. <i>Journal of Applied Laboratory Medicine</i> , 2016, 1, 129-142.	1.3	30
69	Interleukin-6 predicts inflammation-induced increase of Glucagon-like peptide-1 in humans in response to cardiac surgery with association to parameters of glucose metabolism. <i>Cardiovascular Diabetology</i> , 2016, 15, 21.	6.8	30
70	Effects of biobanking conditions on six antibiotic substances in human serum assessed by a novel evaluation protocol. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016, 54, 265-74.	2.3	29
71	Determination of Itraconazole and Hydroxyitraconazole in Plasma by Use of Liquid Chromatography-Tandem Mass Spectrometry with On-line Solid-Phase Extraction. <i>Clinical Chemistry and Laboratory Medicine</i> , 2003, 41, 915-20.	2.3	28
72	Local cyclin-dependent kinase inhibition by flavopiridol inhibits coronary artery smooth muscle cell proliferation and migration: Implications for the applicability on drug-eluting stents to prevent neointima formation following vascular injury. <i>FASEB Journal</i> , 2004, 18, 1285-1287.	0.5	26

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73	Defining Algorithms for Efficient Therapeutic Drug Monitoring of Mycophenolate Mofetil in Heart Transplant Recipients. <i>Therapeutic Drug Monitoring</i> , 2008, 30, 419-427.	2.0	26
74	Comparing Azole Plasma Trough Levels in Lung Transplant Recipients: Percentage of Therapeutic Levels and Inpatient Variability. <i>Therapeutic Drug Monitoring</i> , 2017, 39, 93-101.	2.0	26
75	Optimization of linezolid therapy in the critically ill: the effect of adjusted infusion regimens. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 2304-2310.	3.0	25
76	Laser lithotripsy of salivary stones: Correlation with physical and radiological parameters. <i>Lasers in Surgery and Medicine</i> , 2015, 47, 342-349.	2.1	24
77	Biphenyl based stationary phases for improved selectivity in complex steroid assays. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 142, 66-73.	2.8	24
78	Irregular analytical errors in diagnostic testing – a novel concept. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 56, 386-396.	2.3	24
79	Clinically and MRI documented funicular myelosis in a patient with metabolic vitamin B12 deficiency but normal vitamin B12 serum level. <i>Journal of Neurology</i> , 2003, 250, 1010-1011.	3.6	23
80	Quantification of free serum cortisol based on equilibrium dialysis and isotope dilution-liquid chromatography-tandem mass spectrometry. <i>Clinical Biochemistry</i> , 2011, 44, 894-899.	1.9	23
81	Multicenter Analytical Evaluation of the Automated Electrochemiluminescence Immunoassay for Cyclosporine. <i>Therapeutic Drug Monitoring</i> , 2014, 36, 640-650.	2.0	23
82	Quantification of linezolid in serum by LC-MS/MS using semi-automated sample preparation and isotope dilution internal standardization. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014, 52, 381-389.	2.3	22
83	Comparison of automated assays for the determination of vitamin B12 in serum. <i>Clinical Biochemistry</i> , 2007, 40, 1342-1345.	1.9	21
84	Insulin Glargine and NPH Insulin Increase to a Similar Degree Epithelial Cell Proliferation and Aberrant Crypt Foci Formation in Colons of Diabetic Mice. <i>Hormones and Cancer</i> , 2010, 1, 320-330.	4.9	21
85	Effect of an Acute Consumption of a Moderate Amount of Ethanol on Plasma Endocannabinoid Levels in Humans. <i>Alcohol and Alcoholism</i> , 2012, 47, 226-232.	1.6	21
86	Automated processing of whole blood samples for the determination of immunosuppressants by liquid chromatography tandem-mass spectrometry. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006, 44, 1126-30.	2.3	20
87	Effect of temperature on protein binding of cortisol. <i>Clinical Biochemistry</i> , 2007, 40, 724-727.	1.9	19
88	A routine method for the quantification of the novel antimycotic drug posaconazole in plasma using liquid chromatography-tandem mass spectrometry. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009, 47, 579-84.	2.3	19
89	Impact of glucuronide interferences on therapeutic drug monitoring of posaconazole by tandem mass spectrometry. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010, 48, 1723-1731.	2.3	18
90	Deproteination of serum samples for LC-MS/MS analyses by applying magnetic micro-particles. <i>Clinical Biochemistry</i> , 2013, 46, 652-655.	1.9	18

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91	Can cytokine adsorber treatment affect antibiotic concentrations? A case report. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 2169-2171.	3.0	17
92	LC-MS/MS in clinical chemistry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 883-884, 1-2.	2.3	16
93	Effects of a cluster-randomized school-based prevention program on physical activity and microvascular function (JuvenTUM 3). <i>Atherosclerosis</i> , 2018, 278, 73-81.	0.8	16
94	A proposal to standardize the description of LC-MS-based measurement methods in laboratory medicine. <i>Clinical Mass Spectrometry</i> , 2019, 13, 36-38.	1.9	16
95	An isotope dilution LC-MS/MS based candidate reference method for the quantification of cyclosporine A, tacrolimus, sirolimus and everolimus in human whole blood. <i>Clinical Biochemistry</i> , 2020, 82, 73-84.	1.9	16
96	Comparison of salivary cortisol and calculated free plasma cortisol during low-dose ACTH test in healthy subjects. <i>Clinical Biochemistry</i> , 2010, 43, 764-767.	1.9	15
97	Dual-wavelength excitation for fluorescence-based quantification of zinc protoporphyrin IX and protoporphyrin IX in whole blood. <i>Journal of Biophotonics</i> , 2014, 7, 514-524.	2.3	15
98	An LC-MS/MS based candidate reference method for the quantification of total gentamicin in human serum and plasma using NMR characterized calibrator material. <i>Clinica Chimica Acta</i> , 2017, 464, 211-217.	1.1	15
99	Isotope dilution LC-orbitrap-HRMS with automated sample preparation for the simultaneous quantification of 11 antimycotics in human serum. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 166, 398-405.	2.8	15
100	Instrument-Specific Matrix Effects of Calibration Materials in the LC-MS/MS Analysis of Tacrolimus. <i>Clinical Chemistry</i> , 2008, 54, 1406-1408.	3.2	14
101	An endoglycosidase-assisted LC-MS/MS-based strategy for the analysis of site-specific core-fucosylation of low-concentrated glycoproteins in human serum using prostate-specific antigen (PSA) as example. <i>Clinica Chimica Acta</i> , 2018, 480, 1-8.	1.1	14
102	Understanding the strategic landscape surrounding the implementation of mass spectrometry in the clinical laboratory: A SWOT analysis. <i>Clinical Mass Spectrometry</i> , 2018, 9, 1-6.	1.9	14
103	Sample preparation for liquid chromatography-tandem mass spectrometry using functionalized ferromagnetic micro-particles. <i>Clinical Biochemistry</i> , 2008, 41, 1417-1419.	1.9	13
104	Quantification of erufosine, the first intravenously applicable alkylphosphocholine, in human plasma by isotope dilution liquid chromatography-tandem mass spectrometry using a deuterated internal standard. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 869, 16-19.	2.3	13
105	Isotope Inversion Experiment evaluating the suitability of calibration in surrogate matrix for quantification via LC-MS/MS-Exemplary application for a steroid multi-method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 124, 309-318.	2.8	13
106	Erythrocyte protoporphyrins in hepatitis C viral infection. <i>Clinical Biochemistry</i> , 2000, 33, 387-391.	1.9	12
107	Ferromagnetic particles as a rapid and robust sample preparation for the absolute quantification of seven eicosanoids in human plasma by UHPLC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1022, 173-182.	2.3	12
108	Mass spectrometry methods in clinical diagnostics - state of the art and perspectives. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 84, 1-4.	11.4	12

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109	Complex analytical procedures in diagnostic laboratories and the IVDR. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 457-458.	2.3	12
110	Limited preanalytical requirements for insulin measurement. <i>Clinical Biochemistry</i> , 2005, 38, 572-575.	1.9	11
111	Variability of piperacillin concentrations in relation to tazobactam concentrations in critically ill patients. <i>International Journal of Antimicrobial Agents</i> , 2016, 48, 435-439.	2.5	11
112	Cardiac structure and function in response to a multi-stage marathon over 4486â€‰km. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 1102-1109.	1.8	11
113	Laboratory-Developed Tests in the New European Union 2017/746 Regulation: Opportunities and Risks. <i>Clinical Chemistry</i> , 2021, 68, 40-42.	3.2	11
114	Report from the HarmoSter study: impact of calibration on comparability of LC-MS/MS measurement of circulating cortisol, 17OH-progesterone and aldosterone. <i>Clinical Chemistry and Laboratory Medicine</i> , 2022, 60, 726-739.	2.3	11
115	Corticosteroid-binding globulin and unbound serum cortisol in women with polycystic ovary syndrome. <i>Clinical Biochemistry</i> , 2000, 33, 157-159.	1.9	10
116	The dynamics of a serum steroid profile after stimulation with intravenous ACTH. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 151, 159-163.	2.8	10
117	A semi-automated, isotope-dilution high-resolution mass spectrometry assay for therapeutic drug monitoring of antidepressants. <i>Clinical Mass Spectrometry</i> , 2019, 14, 89-98.	1.9	10
118	Investigation on core-fucosylated prostate-specific antigen as a refined biomarker for differentiation of benign prostate hyperplasia and prostate cancer of different aggressiveness. <i>Tumor Biology</i> , 2019, 41, 101042831982722.	1.8	10
119	Rapid spectrophotometric quantification of urinary porphyrins and porphobilinogen as screening tool for attacks of acute porphyria. <i>Journal of Biomedical Optics</i> , 2018, 23, 1.	2.6	10
120	Corticosteroid-binding globulin: A possible early predictor of infection in acute necrotizing pancreatitis. <i>Scandinavian Journal of Gastroenterology</i> , 2007, 42, 1354-1361.	1.5	9
121	Preparation of plasma samples for chromatographic analyses using functionalized ferromagnetic micro-particles manipulated in a high pressure liquid system. <i>Clinical Biochemistry</i> , 2009, 42, 915-918.	1.9	9
122	Multiplex Therapeutic Drug Monitoring by Isotope-dilution HPLC-MS/MS of Antibiotics in Critical Illnesses. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	9
123	Development of an HPLC method for monitoring of Photofrin II therapy. <i>Clinical Biochemistry</i> , 2005, 38, 73-78.	1.9	8
124	The Effect of Hyperglycemic Hyperinsulinemia on Smallâ€‰Intestinal Mucosal Protein Synthesis in Patients After Surgical Stress. <i>Journal of Parenteral and Enteral Nutrition</i> , 2006, 30, 97-107.	2.6	8
125	<i>Absorptive chemistry</i> based extraction for LC-MS/MS analysis of small molecule analytes from biological fluids â€“ an application for 25-hydroxyvitamin D. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014, 52, 363-371.	2.3	8
126	Ciprofloxacin in critically ill subjects: considering hepatic function, age and sex to choose the optimal dose. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 682-690.	3.0	8



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127	Measurement of sirolimus concentrations in human blood using an automated electrochemiluminescence immunoassay (ECLIA): a multicenter evaluation. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 56, 764-775.	2.3	8
128	Isotope dilution LC-MS/MS quantification of the cystic fibrosis transmembrane conductance regulator (CFTR) modulators ivacaftor, lumacaftor, tezacaftor, elexacaftor, and their major metabolites in human serum. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 60, 82-91.	2.3	8
129	From therapeutic drug monitoring to total drug monitoring and drug-omics. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 287-290.	2.3	8
130	A second-derivate fitting algorithm for the quantification of free hemoglobin in human plasma. <i>Clinical Biochemistry</i> , 2018, 56, 62-69.	1.9	7
131	Multicenter Evaluation of a New Electrochemiluminescence Immunoassay for Everolimus Concentrations in Whole Blood. <i>Therapeutic Drug Monitoring</i> , 2018, 40, 59-68.	2.0	7
132	Non-invasive measurement of erythrocyte zinc protoporphyrin in children. <i>Pediatric Research</i> , 2019, 85, 349-354.	2.3	7
133	Collision energy-breakdown curves – An additional tool to characterize MS/MS methods. <i>Clinical Mass Spectrometry</i> , 2020, 18, 48-53.	1.9	7
134	An isotope-dilution LC-MS/MS method for the simultaneous quantification of meropenem and its open-ring metabolite in serum. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 197, 113944.	2.8	7
135	In-vivo quantification of hepatic $11\beta$ -hydroxysteroid dehydrogenase type I activity – a preliminary study. <i>Clinical Biochemistry</i> , 2002, 35, 655-657.	1.9	6
136	Correspondence concerning the article No endogenous ouabain is detectable in human plasma by ultra-sensitive UPLC-MS/MS. <i>Clin Chim Acta</i> . 2014;431:87-92 by S. Baecher et al.. <i>Clinica Chimica Acta</i> , 2015, 448, 250-251.	1.1	6
137	The role of mass spectrometry in antibiotic stewardship. <i>Clinical Mass Spectrometry</i> , 2019, 14, 31-33.	1.9	6
138	A suggested standard for validation of LC-MS/MS based analytical series in diagnostic laboratories. <i>Clinical Mass Spectrometry</i> , 2020, 16, 25-32.	1.9	6
139	Target Site Pharmacokinetics of Meropenem: Measurement in Human Explanted Lung Tissue by Bronchoalveolar Lavage, Microdialysis, and Homogenized Lung Tissue. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0156421.	3.2	6
140	Trough concentrations of meropenem and piperacillin during slow extended dialysis in critically ill patients with intermittent and continuous infusion: A prospective observational study. <i>Journal of Critical Care</i> , 2022, 67, 26-32.	2.2	6
141	Serum erythropoietin concentrations in patients with anemia – preliminary hemoglobin-related reference ranges. <i>Clinical Laboratory</i> , 2002, 48, 595-8.	0.5	6
142	BMI and hyperinsulinemia in children. <i>Clinical Biochemistry</i> , 2009, 42, 1427-1430.	1.9	5
143	Target analyte quantification by isotope dilution LC-MS/MS directly referring to internal standard concentrations – validation for serum cortisol measurement. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013, 51, 833-7.	2.3	5
144	Spectrophotometric evaluation of hemolysis in plasma by quantification of free oxyhemoglobin, methemoglobin, and methemalbumin in presence of bilirubin. <i>Journal of Biophotonics</i> , 2021, 14, e202000461.	2.3	5

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145	Evaluation of the MeroRisk Calculator, A User-Friendly Tool to Predict the Risk of Meropenem Target Non-Attainment in Critically Ill Patients. <i>Antibiotics</i> , 2021, 10, 468.	3.7	5
146	An on-line solid phase extraction procedure for the routine quantification of urinary methylmalonic acid by liquid chromatography-tandem mass spectrometry. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010, 48, 1647-50.	2.3	4
147	Evaluation of a commercially available rapid urinary porphobilinogen test. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011, 49, 1491-4.	2.3	4
148	Vitamin D â€œ challenges in diagnosing and monitoring of hypovitaminosis D / Vitamin D â€œ izazovi u dijagnozi i praÅženju hipovitaminoze D. <i>Journal of Medical Biochemistry</i> , 2012, 31, 316-325.	1.7	4
149	Sample Preparation for Measurement of Plasma Mycophenolic Acid Concentrations Using Chromatographically Functionalized Magnetic Micro-Particles. <i>European Journal of Mass Spectrometry</i> , 2012, 18, 413-417.	1.0	4
150	Pitfalls of LC-MS/MS in the Clinical Laboratory. , 2012, , 109-126.		4
151	Inter-method comparison of salivary cortisol measurement. <i>Laboratoriums Medizin</i> , 2013, 37, .	0.6	4
152	Relative Adrenal Insufficiency in Cardiogenic Shock. <i>Shock</i> , 2017, 48, 498-499.	2.1	4
153	Comparison of automated insulin assays. <i>Clinical Laboratory</i> , 2007, 53, 557-60.	0.5	4
154	Head-to-head comparison of an automated immunometric and an automated HPLC method for the quantification of HbA1c. <i>Clinical Biochemistry</i> , 2008, 41, 1410-1412.	1.9	3
155	Case report: Over-substitution of thyroxine due to interference in serum thyroid-stimulating hormone measurement. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009, 47, 498-9.	2.3	3
156	Albumin Synthesis Rates Are Not Responsive to Hyperglycemic Hyperinsulinemia in Postoperative Patients. <i>Journal of Parenteral and Enteral Nutrition</i> , 2011, 35, 405-411.	2.6	3
157	Challenges in describing vitamin D status and activity / Herausforderungen bei der Bestimmung des Vitamin D-Status. <i>Laboratoriums Medizin</i> , 2014, 38, 1-10.	0.6	3
158	Letter to the editor: Comments on Blaustein (2018): â€œThe pump, the exchanger, and the holy spirit: origins and 40-year evolution of ideas about the ouabain-Na+ pump endocrine systemâ€• <i>American Journal of Physiology - Cell Physiology</i> , 2018, 314, C640-C640.	4.6	3
159	The Role of Non-Enzymatic Degradation of Meropenemâ€”Insights from the Bottle to the Body. <i>Antibiotics</i> , 2021, 10, 715.	3.7	3
160	An UHPLC-MS/MS method for quantification of the CDK4/6 inhibitor abemaciclib in human serum. <i>Journal of Mass Spectrometry and Advances in the Clinical Lab</i> , 2022, 24, 15-21.	2.4	3
161	Quantification of mevalonate-5-phosphate using UPLC-MS/MS for determination of mevalonate kinase activity. <i>Clinical Biochemistry</i> , 2015, 48, 781-787.	1.9	2
162	IVDR and diagnostic application of mass spectrometry in the European Union. <i>Journal of Mass Spectrometry and Advances in the Clinical Lab</i> , 2021, 19, 32-33.	2.4	2

#	ARTICLE	IF	CITATIONS
163	Evaluation of release and pharmacokinetics of hexadecylphosphocholine (miltefosine) in phosphatidylglycerol-based thermosensitive liposomes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183698.	2.6	2
164	Isotope dilution-LC-MS/MS method for quantification of the urinary cotinine-to-creatinine ratio. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 1469-1476.	2.3	2
165	Partial Postponement of the Application of the In Vitro Diagnostic Medical Devices Regulation in the European Union. <i>Clinical Chemistry</i> , 2022, 68, 856-857.	3.2	2
166	Anwendung der HPLC-Tandem-Massenspektrometrie im Therapeutischen Drug Monitoring The use of HPLC-tandem mass spectrometry in therapeutic drug monitoring. <i>Das Medizinische Laboratorium</i> , 2005, 29, 278-286.	0.0	1
167	Inter-laboratory survey of erythrocyte free protoporphyrin quantification – announcement of a pilot study. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008, 46, 1340-1.	2.3	1
168	Immunsuppressiva-Medikamentenspiegelmessung – reine Routine? / Immunosuppressant drug monitoring: a routine undertaking?. <i>Laboratoriums Medizin</i> , 2010, 34, 117-128.	0.6	1
169	Results of a pilot external quality assessment study on free protoporphyrin in erythrocytes. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011, 49, 1059-60.	2.3	1
170	A novel approach to signal normalisation in atmospheric pressure ionisation mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 66, 399-401.	2.8	1
171	Averaging of results derived from different, simultaneously acquired mass transitions in ID-LC-MS/MS – Potential impact on measurement imprecision. <i>Clinical Mass Spectrometry</i> , 2020, 17, 1-3.	1.9	1
172	Spectroscopic methods to quantify molecules of the heme biosynthesis pathway: A review of laboratory work and point-of-care approaches. <i>Translational Biophotonics</i> , 2021, 3, e202000026.	2.7	1
173	Effect of gravimetric correction and type of pipettes used in sample preparation on the precision of LC-MS/MS-based analyses. <i>Clinical Biochemistry</i> , 2021, 91, 63-66.	1.9	1
174	Comparing posaconazole and itraconazole for antifungal prophylaxis in critically ill lung transplant recipients: Efficacy and plasma concentrations. <i>Transplant Infectious Disease</i> , 2021, 23, e13675.	1.7	1
175	Estimation of inter-laboratory reference change values from external quality assessment data. <i>Biochemia Medica</i> , 2021, 31, 030902.	2.7	1
176	Targeted profiling of 24 sulfated and non-sulfated bile acids in urine using two-dimensional isotope dilution UHPLC-MS/MS. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, .	2.3	1
177	Immunosuppressant drug monitoring – a routine undertaking? 1. <i>Laboratoriums Medizin</i> , 2010, 34, -.	0.6	0
178	Quantification of 1,25-dihydroxyvitamin D – value of manufacturers'™ product information. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 56, e46-e49.	2.3	0
179	Antifungal Prophylaxis with Itraconazole in Patients with Acute Leukemia and after Stem Cell Transplantation (SZT): High Plasma Concentrations with a Loading Dose Strategy.. <i>Blood</i> , 2004, 104, 5062-5062.	1.4	0
180	FREE AND TOTAL THYROID HORMONES AND PROTEIN BINDING CHARACTERISTICS DURING ACUTE PHASE RESPONSE. <i>Critical Care Medicine</i> , 1999, 27, 128A.	0.9	0

#	ARTICLE	IF	CITATIONS
181	Assessment of Plasma Amino Acid Dynamics in Response to ACTH Stimulation by Liquid Chromatography Tandem-Mass Spectrometry. <i>Clinical Laboratory</i> , 2018, 64, 1695-1700.	0.5	0
182	Mass spectrometric sample identification with indicator compounds introduced via labeled sample tubes. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 147-154.	2.3	0
183	Transport stability profiling“ a proposed generic protocol. <i>Clinical Chemistry and Laboratory Medicine</i> , 2022, .	2.3	0