

Georg Martin Fiedler

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

5,162
citations

117625

34
h-index

85541

71
g-index

81
all docs

81
docs citations

81
times ranked

8074
citing authors

#	ARTICLE	IF	CITATIONS
1	Weight Loss with a Low-Carbohydrate, Mediterranean, or Low-Fat Diet. <i>New England Journal of Medicine</i> , 2008, 359, 229-241.	27.0	1,780
2	Standardized Approach to Proteome Profiling of Human Serum Based on Magnetic Bead Separation and Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry. <i>Clinical Chemistry</i> , 2005, 51, 973-980.	3.2	214
3	New Reference Intervals for Thyrotropin and Thyroid Hormones Based on National Academy of Clinical Biochemistry Criteria and Regular Ultrasonography of the Thyroid. <i>Clinical Chemistry</i> , 2005, 51, 1480-1486.	3.2	202
4	Dietary Intervention to Reverse Carotid Atherosclerosis. <i>Circulation</i> , 2010, 121, 1200-1208.	1.6	190
5	Standardized Peptidome Profiling of Human Urine by Magnetic Bead Separation and Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry. <i>Clinical Chemistry</i> , 2007, 53, 421-428.	3.2	161
6	Serum Levels of Acylcarnitines Are Altered in Prediabetic Conditions. <i>PLoS ONE</i> , 2013, 8, e82459.	2.5	160
7	Genetic Regulation of Serum Phytosterol Levels and Risk of Coronary Artery Disease. <i>Circulation: Cardiovascular Genetics</i> , 2010, 3, 331-339.	5.1	141
8	Rapid quantification of free and esterified phytosterols in human serum using APPI-LC-MS/MS. <i>Journal of Lipid Research</i> , 2005, 46, 21-26.	4.2	132
9	Rapid simultaneous quantification of immunosuppressants in transplant patients by turbulent flow chromatography combined with tandem mass spectrometry. <i>Clinica Chimica Acta</i> , 2004, 346, 181-190.	1.1	121
10	Serum amino acid profiles and their alterations in colorectal cancer. <i>Metabolomics</i> , 2012, 8, 643-653.	3.0	117
11	Rapid quantification of steroid patterns in human serum by on-line solid phase extraction combined with liquid chromatography-triple quadrupole linear ion trap mass spectrometry. <i>Clinica Chimica Acta</i> , 2009, 401, 114-118.	1.1	110
12	Characteristics, Symptoms, and Outcome of Severe Dysnatremias Present on Hospital Admission. <i>American Journal of Medicine</i> , 2012, 125, 1125.e1-1125.e7.	1.5	103
13	Serum Peptidome Profiling Revealed Platelet Factor 4 as a Potential Discriminating Peptide Associated with Pancreatic Cancer. <i>Clinical Cancer Research</i> , 2009, 15, 3812-3819.	7.0	101
14	Challenges and developments in tandem mass spectrometry based clinical metabolomics. <i>Molecular and Cellular Endocrinology</i> , 2009, 301, 266-271.	3.2	98
15	Interleukin-6, -7, -8 and -10 predict outcome in acute myocardial infarction complicated by cardiogenic shock. <i>Clinical Research in Cardiology</i> , 2012, 101, 375-384.	3.3	90
16	Dairy calcium intake, serum vitamin D, and successful weight loss. <i>American Journal of Clinical Nutrition</i> , 2010, 92, 1017-1022.	4.7	61
17	Impact of diuretic therapy-associated electrolyte disorders present on admission to the emergency department: a cross-sectional analysis. <i>BMC Medicine</i> , 2013, 11, 83.	5.5	61
18	Hypercalcemia in the ED: prevalence, etiology, and outcome. <i>American Journal of Emergency Medicine</i> , 2013, 31, 657-660.	1.6	56

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19	Tumor necrosis factor stimulates fibroblast growth factor 23 levels in chronic kidney disease and non-renal inflammation. <i>Kidney International</i> , 2019, 96, 890-905.	5.2	56
20	Diagnostic Performance of High-Sensitive Troponin T in Patients With Renal Insufficiency. <i>American Journal of Cardiology</i> , 2013, 112, 1968-1972.	1.6	51
21	Fibroblast growth factor 23 and markers of mineral metabolism in individuals with preserved renal function. <i>Kidney International</i> , 2016, 90, 648-657.	5.2	51
22	First-trimester glycosylated hemoglobin in women at high risk for gestational diabetes. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2016, 95, 93-97.	2.8	50
23	Preanalytical standardization of amino acid and acylcarnitine metabolite profiling in human blood using tandem mass spectrometry. <i>Metabolomics</i> , 2011, 7, 344-352.	3.0	47
24	Thrombin generation measurement using the ST Genesia Thrombin Generation System in a cohort of healthy adults: Normal values and variability. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2019, 3, 758-768.	2.3	47
25	Hyperphosphatemia Is an Independent Risk Factor for Mortality in Critically Ill Patients: Results from a Cross-Sectional Study. <i>PLoS ONE</i> , 2015, 10, e0133426.	2.5	46
26	Acute myocardial infarction and cardiogenic shock. <i>Medizinische Klinik - Intensivmedizin Und Notfallmedizin</i> , 2012, 107, 476-484.	1.1	43
27	Glycoprotein IIb/IIIa inhibitor-induced thrombocytopenia. <i>Clinical Research in Cardiology</i> , 2007, 96, 61-69.	3.3	41
28	Sepsis-associated changes of the arachidonic acid metabolism and their diagnostic potential in septic patients*. <i>Critical Care Medicine</i> , 2012, 40, 1478-1486.	0.9	41
29	Etiology and symptoms of severe hypokalemia in emergency department patients. <i>European Journal of Emergency Medicine</i> , 2013, 21, 1.	1.1	41
30	D-dimer to Rule Out Pulmonary Embolism in Renal Insufficiency. <i>American Journal of Medicine</i> , 2014, 127, 343-347.	1.5	41
31	Age-Related Variety in Electrolyte Levels and Prevalence of Dysnatremias and Dyskalemias in Patients Presenting to the Emergency Department. <i>Gerontology</i> , 2014, 60, 420-423.	2.8	40
32	Pancreatic carcinoma, pancreatitis, and healthy controls: metabolite models in a three-class diagnostic dilemma. <i>Metabolomics</i> , 2013, 9, 677-687.	3.0	39
33	Hypoglycemia is associated with increased mortality in patients with acute decompensated liver cirrhosis. <i>Journal of Critical Care</i> , 2014, 29, 316.e7-316.e12.	2.2	39
34	Hypermagnesemia is a strong independent risk factor for mortality in critically ill patients: Results from a cross-sectional study. <i>European Journal of Internal Medicine</i> , 2015, 26, 504-507.	2.2	37
35	Standardized peptidome profiling of human cerebrospinal fluid by magnetic bead separation and matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Journal of Proteomics</i> , 2009, 72, 608-615.	2.4	36
36	Protective Effects of Early CD4+ T Cell Reduction in Hepatic Ischemia/Reperfusion Injury. <i>Journal of Gastrointestinal Surgery</i> , 2010, 14, 511-519.	1.7	31

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37	Hyperkalemia in the emergency department: Etiology, symptoms and outcome of a life threatening electrolyte disorder. <i>European Journal of Internal Medicine</i> , 2013, 24, e59-e60.	2.2	30
38	Potential of Dried Blood Self-Sampling for CyclosporineC2Monitoring in Transplant Outpatients. <i>Journal of Transplantation</i> , 2010, 2010, 1-6.	0.5	28
39	Impact of proton pump inhibitor use on magnesium homoeostasis: a cross-sectional study in a tertiary emergency department. <i>International Journal of Clinical Practice</i> , 2014, 68, 1352-1357.	1.7	28
40	Potentials and pitfalls of clinical peptidomics and metabolomics. <i>Swiss Medical Weekly</i> , 2013, 143, w13801.	1.6	26
41	Lead Poisoning Due to Adulterated Marijuana in Leipzig. <i>Deutsches A&#x0308;rzteblatt International</i> , 2008, 105, 757-62.	0.9	25
42	Thyroid function and serum electrolytes: does an association really exist?. <i>Swiss Medical Weekly</i> , 2012, 142, w13669.	1.6	24
43	Endothelin A Receptor Blockade Reduces Hepatic Ischemia/Reperfusion Injury After Warm Ischemia in a Pig Model,. <i>Journal of Gastrointestinal Surgery</i> , 2003, 7, 331-339.	1.7	23
44	Calcium Disorders in the Emergency Department: Independent Risk Factors for Mortality. <i>PLoS ONE</i> , 2015, 10, e0132788.	2.5	23
45	S-100 B Concentrations Are a Predictor of Decreased Survival in Patients with Major Trauma, Independently of Head Injury. <i>PLoS ONE</i> , 2016, 11, e0152822.	2.5	23
46	Body weight and oral contraceptives are the most important modulators of serum CRP levels. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2008, 68, 140-144.	1.2	20
47	Electrolyte Disorders and In-Hospital Mortality during Prolonged Heat Periods: A Cross-Sectional Analysis. <i>PLoS ONE</i> , 2014, 9, e92150.	2.5	20
48	The economic burden of hemolysis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015, 53, e285-8.	2.3	18
49	High sensitive cardiac troponin T: Testing the test. <i>International Journal of Cardiology</i> , 2017, 228, 779-783.	1.7	18
50	Exhaled breath condensate as a potential biomarker tool for idiopathic pulmonary fibrosisâ€”a pilot study. <i>Journal of Breath Research</i> , 2018, 12, 016003.	3.0	17
51	Effects of a 2-y dietary weight-loss intervention on cholesterol metabolism in moderately obese men. <i>American Journal of Clinical Nutrition</i> , 2011, 94, 1189-1195.	4.7	15
52	Primary Hyperventilation in the Emergency Department: A First Overview. <i>PLoS ONE</i> , 2015, 10, e0129562.	2.5	15
53	Multizentrische Ermittlung von Referenzbereichen fÃ¼r Parameter des maschinellen Blutbildes/Multicentric Determination of Reference Ranges for Automated Blood Counts. <i>Laboratoriums Medizin</i> , 2011, 35, 3-28.	0.6	11
54	Renal Functionâ€”Adjusted d-Dimer Levels in Critically Ill Patients With Suspected Thromboembolism*. <i>Critical Care Medicine</i> , 2020, 48, e270-e276.	0.9	10

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55	Dietary intervention induces flow of changes within biomarkers of lipids, inflammation, liver enzymes, and glycemic control. <i>Nutrition</i> , 2012, 28, 131-137.	2.4	9
56	Rapid Centrifugation in the Routine Hemostasis Laboratory. <i>Thrombosis and Haemostasis</i> , 2019, 119, 2025-2033.	3.4	9
57	Role of D-Dimer testing in venous thromboembolism with concomitant renal insufficiency in critical care. <i>Intensive Care Medicine</i> , 2017, 43, 470-471.	8.2	8
58	Parathyroid Hormone and Plasma Phosphate Are Predictors of Soluble β_2 -Microglobulin Levels in Adults of European Descent. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e1135-e1143.	3.6	8
59	Age is not associated with intracranial haemorrhage in patients with mild traumatic brain injury and oral anticoagulation. <i>Journal of Negative Results in BioMedicine</i> , 2016, 15, 12.	1.4	7
60	High-Sensitive Troponin Measurement in Emergency Department Patients Presenting with Syncope: A Retrospective Analysis. <i>PLoS ONE</i> , 2013, 8, e66470.	2.5	6
61	Diagnostic significance of high sensitivity troponin in diagnosis of blunt cardiac injury. <i>Intensive Care Medicine</i> , 2014, 40, 623-624.	8.2	6
62	In-vitro hemolysis and its financial impact using different blood collection systems. <i>Laboratoriums Medizin</i> , 2016, 40, 49-55.	0.6	6
63	The links of hepcidin and erythropoietin in the interplay of inflammation and iron deficiency in a large observational study of rheumatoid arthritis. <i>British Journal of Haematology</i> , 2019, 186, 101-112.	2.5	6
64	Standardized Preprocessing of Urine for Proteome Analysis. <i>Methods in Molecular Biology</i> , 2010, 641, 47-63.	0.9	6
65	Simultaneous eicosanoid profiling and identification by liquid chromatography and hybrid triple quadrupole-linear ion trap mass spectrometry for metabolomic studies in human plasma / Multiparametrische Bestimmung und Identifizierung von Eikosanoiden mit Flüssigchromatographie in Kombination mit Hybrid-Quadrupol/lineare Ionenfallen Massenspektrometrie für Metabolom-Studien in Humanplasma. <i>Laboratoriums Medizin</i> , 2009, 33, 341-348.	0.6	5
66	Evidence for a Sorbitol Transport System in Immortalized Human Renal Interstitial Cells. <i>Nephron Experimental Nephrology</i> , 2001, 9, 405-411.	2.2	4
67	Circulating sterols as predictors of early allograft dysfunction and clinical outcome in patients undergoing liver transplantation. <i>Metabolomics</i> , 2016, 12, 182.	3.0	4
68	Use of Diuretics is not associated with mortality in patients admitted to the emergency department: results from a cross-sectional study. <i>Journal of Negative Results in BioMedicine</i> , 2016, 15, 1.	1.4	4
69	Doubling immunochemistry laboratory testing efficiency with the cobas e 801 module while maintaining consistency in analytical performance. <i>Clinical Biochemistry</i> , 2018, 58, 86-93.	1.9	4
70	Metabolomics by UHPLC-MS: benefits provided by complementary use of Q-TOF and QQQ for pathway profiling. <i>Metabolomics</i> , 2019, 15, 120.	3.0	4
71	Real-world Health Data and Precision for the Diagnosis of Acute Kidney Injury, Acute-on-Chronic Kidney Disease, and Chronic Kidney Disease: Observational Study. <i>JMIR Medical Informatics</i> , 2022, 10, e31356.	2.6	4
72	Changes of Vasoregulatory Gene Expression Following Hepatic Ischemia/Reperfusion and Treatment with Endothelin-A Receptor Blockade. <i>Journal of Cardiovascular Pharmacology</i> , 2004, 44, S100-S102.	1.9	3

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73	A metabolomics approach to uncover effects of different exercise modalities in type 1 diabetes. <i>Metabolomics</i> , 2017, 13, 1.	3.0	3
74	The effect of a previous created distal arteriovenous-fistula on radial bone DXA measurements in prevalent renal transplant recipients. <i>PLoS ONE</i> , 2018, 13, e0200708.	2.5	3
75	A UHPLC-MS/MS method for the quantification of 7 α -hydroxy-4-cholesten-3-one to assist in diagnosis of bile acid malabsorption. <i>Clinical Mass Spectrometry</i> , 2017, 3, 1-6.	1.9	2
76	Antwort auf: Cadamuro et al. In-vitro H α molyse verschiedener Blutabnahmesysteme sowie deren finanzielle Auswirkung. <i>Laboratoriums Medizin</i> , 2016, .	0.6	1
77	In response to the letter to the editor on our manuscript "High sensitive cardiac troponin T: Testing the test" by Dr. Badertscher. <i>International Journal of Cardiology</i> , 2017, 234, 127.	1.7	0