

Jean-Paul Cristol

List of Publications by Year in descending order

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Version: 2024-02-01

142
papers

6,038
citations

126708

33
h-index

76769

74
g-index

148
all docs

148
docs citations

148
times ranked

8471
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Activation of Oxidative Stress by Acute Glucose Fluctuations Compared With Sustained Chronic Hyperglycemia in Patients With Type 2 Diabetes. <i>JAMA - Journal of the American Medical Association</i> , 2006, 295, 1681. | 3.8 | 2,005 |
| 2 | Vascular calcification: from pathophysiology to biomarkers. <i>Clinica Chimica Acta</i> , 2015, 438, 401-414. | 0.5 | 195 |
| 3 | Does Oxidative Stress Alter Quadriceps Endurance in Chronic Obstructive Pulmonary Disease?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004, 169, 1022-1027. | 2.5 | 173 |
| 4 | Convective and diffusive losses of vitamin C during haemodiafiltration session: a contributive factor to oxidative stress in haemodialysis patients. <i>Nephrology Dialysis Transplantation</i> , 2002, 17, 422-427. | 0.4 | 172 |
| 5 | Overproduction of reactive oxygen species in end-stage renal disease patients: A potential component of hemodialysis-associated inflammation. <i>Hemodialysis International</i> , 2005, 9, 37-46. | 0.4 | 165 |
| 6 | Cystatin C: current position and future prospects. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008, 46, 1664-86. | 1.4 | 162 |
| 7 | Simvastatin Prevents Angiotensin II-Induced Cardiac Alteration and Oxidative Stress. <i>Hypertension</i> , 2002, 40, 142-147. | 1.3 | 146 |
| 8 | Treatment tolerance and patient-reported outcomes favor online hemodiafiltration compared to high-flux hemodialysis in the elderly. <i>Kidney International</i> , 2017, 91, 1495-1509. | 2.6 | 131 |
| 9 | A multicentric evaluation of IDMS-traceable creatinine enzymatic assays. <i>Clinica Chimica Acta</i> , 2011, 412, 2070-2075. | 0.5 | 111 |
| 10 | Osteoprotegerin and sclerostin in chronic kidney disease prior to dialysis: potential partners in vascular calcifications. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, 1345-1356. | 0.4 | 104 |
| 11 | Statins, 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitors, Are Able to Reduce Superoxide Anion Production by NADPH Oxidase in THP-1-Derived Monocytes. <i>Journal of Cardiovascular Pharmacology</i> , 2002, 40, 611-617. | 0.8 | 99 |
| 12 | Osteoprotegerin Is Associated With Silent Coronary Artery Disease in High-Risk but Asymptomatic Type 2 Diabetic Patients. <i>Diabetes Care</i> , 2005, 28, 2176-2180. | 4.3 | 85 |
| 13 | COLIN trial: Value of colchicine in the treatment of patients with acute myocardial infarction and inflammatory response. <i>Archives of Cardiovascular Diseases</i> , 2017, 110, 395-402. | 0.7 | 81 |
| 14 | Creatinine Index as a Surrogate of Lean Body Mass Derived from Urea Kt/V, Pre-Dialysis Serum Levels and Anthropometric Characteristics of Haemodialysis Patients. <i>PLoS ONE</i> , 2014, 9, e93286. | 1.1 | 75 |
| 15 | Biomarkers of Inflammation and Malnutrition Associated with Early Death in Healthy Elderly People. <i>Journal of the American Geriatrics Society</i> , 2008, 56, 840-846. | 1.3 | 73 |
| 16 | Calibration and precision of serum creatinine and plasma cystatin C measurement: impact on the estimation of glomerular filtration rate. <i>Journal of Nephrology</i> , 2014, 27, 467-475. | 0.9 | 71 |
| 17 | HDL Proteome in Hemodialysis Patients: A Quantitative Nanoflow Liquid Chromatography-Tandem Mass Spectrometry Approach. <i>PLoS ONE</i> , 2012, 7, e34107. | 1.1 | 67 |
| 18 | Wine Phenolic Antioxidants Inhibit AP-1 Transcriptional Activity. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 5646-5652. | 2.4 | 65 |

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|----|---|-----|-----------|
| 19 | Multicenter Evaluation of Cystatin C Measurement after Assay Standardization. <i>Clinical Chemistry</i> , 2017, 63, 833-841. | 1.5 | 65 |
| 20 | Protective effects of high-density lipoprotein against oxidative stress are impaired in haemodialysis patients. <i>Nephrology Dialysis Transplantation</i> , 2000, 15, 389-395. | 0.4 | 64 |
| 21 | SUPEROXIDE ANION OVERPRODUCTION IN SEPSIS: EFFECTS OF VITAMIN E AND SIMVASTATIN. <i>Shock</i> , 2004, 22, 34-39. | 1.0 | 63 |
| 22 | Protein biochip systems for the clinical laboratory. <i>Clinical Chemistry and Laboratory Medicine</i> , 2005, 43, 1291-302. | 1.4 | 63 |
| 23 | Oxidative stress in hemodialysis patients: Is NADPH oxidase complex the culprit?. <i>Kidney International</i> , 2002, 61, S109-S114. | 2.6 | 62 |
| 24 | A cut-off value of plasma osteoprotegerin level may predict the presence of coronary artery calcifications in chronic kidney disease patients. <i>Nephrology Dialysis Transplantation</i> , 2009, 24, 3389-3397. | 0.4 | 60 |
| 25 | Enzymatic but not compensated Jaffe methods reach the desirable specifications of NKDEP at normal levels of creatinine. Results of the French multicentric evaluation. <i>Clinica Chimica Acta</i> , 2013, 419, 132-135. | 0.5 | 58 |
| 26 | Kinetics of high-sensitivity cardiac troponin T and I differ in patients with ST-segment elevation myocardial infarction treated by primary coronary intervention. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2016, 5, 354-363. | 0.4 | 56 |
| 27 | Cafeteria diet induces obesity and insulin resistance associated with oxidative stress but not with inflammation: improvement by dietary supplementation with a melon superoxide dismutase. <i>Free Radical Biology and Medicine</i> , 2013, 65, 254-261. | 1.3 | 53 |
| 28 | Homocysteine and inflammation as main determinants of oxidative stress in the elderly. <i>Free Radical Biology and Medicine</i> , 2009, 46, 737-744. | 1.3 | 47 |
| 29 | Early rule out of acute myocardial infarction in ED patients: value of combined high-sensitivity cardiac troponin T and ultrasensitive copeptin assays at admission. <i>American Journal of Emergency Medicine</i> , 2013, 31, 1302-1308. | 0.7 | 43 |
| 30 | Superoxide production: A procalcifying cell signalling event in osteoblastic differentiation of vascular smooth muscle cells exposed to calcification media. <i>Free Radical Research</i> , 2008, 42, 789-797. | 1.5 | 42 |
| 31 | Creatinine index and transthyretin as additive predictors of mortality in haemodialysis patients. <i>Nephrology Dialysis Transplantation</i> , 2007, 23, 345-353. | 0.4 | 40 |
| 32 | sST2 as a value-added biomarker in heart failure. <i>Clinica Chimica Acta</i> , 2020, 501, 120-130. | 0.5 | 40 |
| 33 | On-Line Hemodiafiltration as Routine Treatment of End-Stage Renal Failure: Why Pre- or Mixed Dilution Mode Is Necessary in On-Line Hemodiafiltration Today?. <i>Blood Purification</i> , 2004, 22, 40-48. | 0.9 | 38 |
| 34 | Low-grade chronic inflammation and superoxide anion production by NADPH oxidase are the main determinants of physical frailty in older adults. <i>Free Radical Research</i> , 2012, 46, 1108-1114. | 1.5 | 37 |
| 35 | Multimarker approach including CRP, sST2 and GDF-15 for prognostic stratification in stable heart failure. <i>ESC Heart Failure</i> , 2020, 7, 2230-2239. | 1.4 | 34 |
| 36 | The Plasmatic Aldosterone and C-Reactive Protein Levels, and the Severity of Covid-19: The Dyhor-19 Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 2315. | 1.0 | 33 |

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|----|--|-----|-----------|
| 37 | Preventive Effects of Nutritional Doses of Polyphenolic Molecules on Cardiac Fibrosis Associated with Metabolic Syndrome: Involvement of Osteopontin and Oxidative Stress. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 11683-11687. | 2.4 | 32 |
| 38 | Enzymatic creatinine assays allow estimation of glomerular filtration rate in stages 1 and 2 chronic kidney disease using CKD-EPI equation. <i>Clinica Chimica Acta</i> , 2014, 428, 89-95. | 0.5 | 32 |
| 39 | Immunonutrition before and during radiochemotherapy: improvement of inflammatory parameters in head and neck cancer patients. <i>Supportive Care in Cancer</i> , 2012, 20, 3129-3135. | 1.0 | 31 |
| 40 | Multi-Marker Strategy in Heart Failure: Combination of ST2 and CRP Predicts Poor Outcome. <i>PLoS ONE</i> , 2016, 11, e0157159. | 1.1 | 31 |
| 41 | Fine-Tuning of the Prediction of Mortality in Hemodialysis Patients by Use of Cytokine Proteomic Determination. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2008, 3, 423-430. | 2.2 | 28 |
| 42 | Bone Biomarkers Help Grading Severity of Coronary Calcifications in Non Dialysis Chronic Kidney Disease Patients. <i>PLoS ONE</i> , 2012, 7, e36175. | 1.1 | 28 |
| 43 | Serum creatinine: advantages and pitfalls. <i>Journal of Laboratory and Precision Medicine</i> , 0, 3, 71-71. | 1.1 | 28 |
| 44 | Albumin and Transthyretin as Risk Factors for Cataract. <i>JAMA Ophthalmology</i> , 2005, 123, 225. | 2.6 | 27 |
| 45 | Biocompatibility of heparin-grafted hemodialysis membranes: Impact on monocyte chemoattractant protein-1 circulating level and oxidative status. <i>Hemodialysis International</i> , 2010, 14, 403-410. | 0.4 | 27 |
| 46 | Dietary silicon-enriched spirulina improves early atherosclerosis markers in hamsters on a high-fat diet. <i>Nutrition</i> , 2015, 31, 1148-1154. | 1.1 | 26 |
| 47 | Association between novel indices of malnutrition-inflammation complex syndrome and cardiovascular disease in hemodialysis patients. <i>Hemodialysis International</i> , 2005, 9, 159-168. | 0.4 | 25 |
| 48 | Quantification of urinary F2-isoprostanes with 4(RS)-F4t-neuroprostane as an internal standard using gas chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 872, 133-140. | 1.2 | 24 |
| 49 | Performance evaluation of human cytokines profiles obtained by various multiplexed-based technologies underlines a need for standardization. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013, 51, 1385-93. | 1.4 | 24 |
| 50 | Physical inactivity and protein energy wasting play independent roles in muscle weakness in maintenance haemodialysis patients. <i>PLoS ONE</i> , 2018, 13, e0200061. | 1.1 | 24 |
| 51 | Association of CSF orexin-A levels and nocturnal sleep stability in patients with hypersomnolence. <i>Neurology</i> , 2020, 95, e2900-e2911. | 1.5 | 24 |
| 52 | Limitations of compensated Jaffe creatinine assays in cirrhotic patients. <i>Clinical Biochemistry</i> , 2012, 45, 320-325. | 0.8 | 22 |
| 53 | Estimation of age- and comorbidities-adjusted percentiles of high-sensitivity cardiac troponin T levels in the elderly. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015, 53, 691-8. | 1.4 | 22 |
| 54 | Plasma PCSK9 concentrations during the course of nondiabetic chronic kidney disease: Relationship with glomerular filtration rate and lipid metabolism. <i>Journal of Clinical Lipidology</i> , 2017, 11, 87-93. | 0.6 | 22 |

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|----|--|-----|-----------|
| 55 | Exploring collagen remodeling and regulation as prognosis biomarkers in stable heart failure. <i>Clinica Chimica Acta</i> , 2019, 490, 167-171. | 0.5 | 22 |
| 56 | Comparative study of fatty acid composition, vitamin E and carotenoid contents of palm oils from four varieties of oil palm from CÔte d'Ivoire. <i>Journal of the Science of Food and Agriculture</i> , 2009, 89, 2535-2540. | 1.7 | 21 |
| 57 | Dynapaenia and sarcopaenia in chronic haemodialysis patients: do muscle weakness and atrophy similarly influence poor outcome?. <i>Nephrology Dialysis Transplantation</i> , 2020, 36, 1908-1918. | 0.4 | 21 |
| 58 | Evaluation of NM-BAPTA method for plasma total calcium measurement on Cobas 8000Â®. <i>Clinical Biochemistry</i> , 2014, 47, 636-639. | 0.8 | 20 |
| 59 | Measurement of circulating troponin I _c enhances the prognostic value of C-reactive protein in haemodialysis patients. <i>Nephrology Dialysis Transplantation</i> , 2004, 19, 2313-2318. | 0.4 | 19 |
| 60 | Online high-efficiency haemodiafiltration achieves higher serum free light chain removal than high-flux haemodialysis in multiple myeloma patients: preliminary quantitative study. <i>Nephrology Dialysis Transplantation</i> , 2011, 26, 3627-3633. | 0.4 | 19 |
| 61 | Hemodiafiltration improves free light chain removal and normalizes β_2/β_1 ratio in hemodialysis patients. <i>Journal of Nephrology</i> , 2016, 29, 251-257. | 0.9 | 18 |
| 62 | sST2 as a New Biomarker of Chronic Kidney Disease-Induced Cardiac Remodeling: Impact on Risk Prediction. <i>Mediators of Inflammation</i> , 2018, 2018, 1-9. | 1.4 | 18 |
| 63 | Low serum IL-6 is associated with high 6-minute walking performance in asymptomatic women aged 20 to 70years. <i>Experimental Gerontology</i> , 2012, 47, 143-148. | 1.2 | 16 |
| 64 | iNOS Activity Is Required for the Therapeutic Effect of Mesenchymal Stem Cells in Experimental Systemic Sclerosis. <i>Frontiers in Immunology</i> , 2018, 9, 3056. | 2.2 | 16 |
| 65 | Additional Effects of Nutritional Antioxidant Supplementation on Peripheral Muscle during Pulmonary Rehabilitation in COPD Patients: A Randomized Controlled Trial. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13. | 1.9 | 16 |
| 66 | Point-of-care creatinine testing in patients receiving contrast-enhanced computed tomography scan. <i>Clinica Chimica Acta</i> , 2018, 478, 111-113. | 0.5 | 15 |
| 67 | Potential Health Implication of <i>in Vitro</i> Human Low-Density Lipoprotein's Vitamin E Oxidation Modulation by Polyphenols Derived from CÔte d'Ivoire's Oil Palm Species. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 9166-9171. | 2.4 | 14 |
| 68 | Implications of Adjustment of High-Sensitivity Cardiac Troponin T Assay. <i>Clinical Chemistry</i> , 2013, 59, 570-572. | 1.5 | 14 |
| 69 | Continuous Veno-Venous High Cut-Off Hemodialysis Compared to Continuous Veno-Venous Hemodiafiltration in Intensive Care Unit Acute Kidney Injury Patients. <i>Blood Purification</i> , 2018, 46, 248-256. | 0.9 | 13 |
| 70 | Fine-scale haplotype mapping of MUT, AACS, SLC6A15 and PRKCA genes indicates association with insulin resistance of metabolic syndrome and relationship with branched chain amino acid metabolism or regulation. <i>PLoS ONE</i> , 2019, 14, e0214122. | 1.1 | 12 |
| 71 | Admission High-Sensitive Cardiac Troponin T Level Increase Is Independently Associated with Higher Mortality in Critically Ill Patients with COVID-19: A Multicenter Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 1656. | 1.0 | 12 |
| 72 | A combined index of cardiac biomarkers as a risk factor for early cardiovascular mortality in hemodialysis patients. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013, 51, 1865-74. | 1.4 | 11 |

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|----|--|-----|-----------|
| 73 | Evaluation of five immunoturbidimetric assays for urinary albumin quantification and their impact on albuminuria categorization. <i>Clinical Biochemistry</i> , 2014, 47, 250-253. | 0.8 | 11 |
| 74 | CT-pro-AVP as a tool for assessment of intravascular volume depletion in severe hyponatremia. <i>Clinical Biochemistry</i> , 2015, 48, 640-645. | 0.8 | 11 |
| 75 | Analytical evaluation of point of care cTnT and clinical performances in an unselected population as compared with central laboratory highly sensitive cTnT. <i>Clinical Biochemistry</i> , 2015, 48, 334-339. | 0.8 | 11 |
| 76 | Markers of bone remodeling are associated with arterial stiffness in renal transplanted subjects. <i>Journal of Nephrology</i> , 2015, 28, 765-772. | 0.9 | 11 |
| 77 | Establishment of reference values in a healthy population and interpretation of serum PTH concentrations in hemodialyzed patients according to the KDIGO Guidelines using the Lumipulse [®] G whole PTH (3rd generation) assay. <i>Clinical Biochemistry</i> , 2018, 54, 119-122. | 0.8 | 11 |
| 78 | Quantitative assessment of sodium mass removal using ionic dialysance and sodium gradient as a proxy tool: Comparison of high-flux hemodialysis versus online hemodiafiltration. <i>Artificial Organs</i> , 2021, 45, E280-E292. | 1.0 | 11 |
| 79 | Regional Variations of Low-Density Lipoprotein Oxidizability in Hemodialysis Patients May Explain Discrepancies in Interventional Therapy on Oxidative Profile. <i>Blood Purification</i> , 2008, 26, 300-310. | 0.9 | 10 |
| 80 | Biological variability of hs-cardiac troponin T on the Roche Cobas 8000/e602 [®] immunoanalyzer. <i>Clinica Chimica Acta</i> , 2013, 425, 62-63. | 0.5 | 10 |
| 81 | Randomised trial on clinical performances and biocompatibility of four high-flux hemodialyzers in two mode treatments: hemodialysis vs post dilution hemodiafiltration. <i>Scientific Reports</i> , 2019, 9, 18265. | 1.6 | 10 |
| 82 | Modification of Muscle-Related Hormones in Women with Obesity: Potential Impact on Bone Metabolism. <i>Journal of Clinical Medicine</i> , 2020, 9, 1150. | 1.0 | 10 |
| 83 | Cystatin C is a reliable marker for estimation of glomerular filtration rate in renal transplantation: validation of a new turbidimetric assay using monospecific sheep antibodies. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011, 49, 265-70. | 1.4 | 9 |
| 84 | Comparison of Arkray/ELITech ADAMS HA [®] 8180V [®] with Bio [®] Rad Variant, TM II Turbo2.0 [®] and Tosoh Bioscience HLC [®] 723G8 for HbA1c Determination. <i>Journal of Clinical Laboratory Analysis</i> , 2014, 28, 428-434. | 0.9 | 9 |
| 85 | Analytical evaluation of point-of-care procalcitonin (PCT) and clinical performances in an unselected population as compared with central lab PCT assay. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017, 55, e167-e171. | 1.4 | 9 |
| 86 | Moving from the second to the third generation Roche PTH assays: what are the consequences for clinical practice?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 57, 244-249. | 1.4 | 9 |
| 87 | Did Creatinine Standardization Give Benefits to the Evaluation of Glomerular Filtration Rate?. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2017, 28, 251-257. | 0.7 | 9 |
| 88 | Reduced glomerular filtration rate, inflammation and HDL cholesterol as main determinants of superoxide production in non-dialysis chronic kidney disease patients. <i>Free Radical Research</i> , 2011, 45, 735-745. | 1.5 | 8 |
| 89 | Long-Term Follow-Up of Proteinuria and Estimated Glomerular Filtration Rate in HIV-Infected Patients with Tubular Proteinuria. <i>PLoS ONE</i> , 2015, 10, e0142491. | 1.1 | 8 |
| 90 | Standardized Method to Measure Muscle Force at the Bedside in Hemodialysis Patients. , 2017, 27, 194-200. | | 8 |

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|-----|--|-----|-----------|
| 91 | Triglycerides and glycated hemoglobin for screening insulin resistance in obese patients. <i>Clinical Biochemistry</i> , 2018, 53, 8-12. | 0.8 | 8 |
| 92 | Multilevel qualification of a large set of blood gas analyzers: Which performance goals?. <i>Clinical Biochemistry</i> , 2019, 74, 47-53. | 0.8 | 8 |
| 93 | Which high-sensitivity troponin variable best characterizes infarct size and microvascular obstruction?. <i>Archives of Cardiovascular Diseases</i> , 2019, 112, 334-342. | 0.7 | 8 |
| 94 | Bioanalytical Performance of a New Particle-Enhanced Method for Measuring Procalcitonin. <i>Diagnostics</i> , 2020, 10, 461. | 1.3 | 8 |
| 95 | Determination of hemolysis cut-offs for biochemical and immunochemical analytes according to their value. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 1232-1241. | 1.4 | 8 |
| 96 | Low Sit-to-Stand Performance is Associated with Low Femoral Neck Bone Mineral Density in Healthy Women. <i>Calcified Tissue International</i> , 2009, 84, 266-275. | 1.5 | 7 |
| 97 | Reference Method and Reference Material Are Necessary Tools to Reveal the Variability of Cystatin C Assays. <i>Archives of Pathology and Laboratory Medicine</i> , 2016, 140, 117-118. | 1.2 | 7 |
| 98 | On-line hemodiafiltration did not induce an overproduction of oxidative stress and inflammatory cytokines in intensive care unit-acute kidney injury. <i>BMC Nephrology</i> , 2017, 18, 371. | 0.8 | 7 |
| 99 | Evaluation of the sST2-guided optimization of medical treatments of patients admitted for heart failure, to prevent readmission: Study protocol for a randomized controlled trial. <i>Contemporary Clinical Trials</i> , 2018, 66, 45-50. | 0.8 | 7 |
| 100 | An hs-TNT Second Peak Associated with High CRP at Day 2 Appears as Potential Biomarkers of Micro-Vascular Occlusion on Magnetic Resonance Imaging after Reperfused ST-Segment Elevation Myocardial Infarction. <i>Cardiology</i> , 2018, 140, 227-236. | 0.6 | 7 |
| 101 | Does hemodiafiltration improve the removal of homocysteine?. <i>Hemodialysis International</i> , 2011, 15, 515-521. | 0.4 | 6 |
| 102 | NADPH oxidase activity is associated with cardiac osteopontin and pro-collagen type I expression in uremia. <i>Free Radical Research</i> , 2011, 45, 454-460. | 1.5 | 6 |
| 103 | Antioxidant and oligonutrient status, distribution of amino acids, muscle damage, inflammation, and evaluation of renal function in elite rugby players. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012, 50, 1777-89. | 1.4 | 6 |
| 104 | Homocysteine as a determinant of left ventricular ejection fraction in patients with diabetes. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012, 50, 1099-106. | 1.4 | 6 |
| 105 | Analytical study of a new turbidimetric assay for urinary neutrophil gelatinase-associated lipocalin (NGAL) determination. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013, 51, e293-e296. | 1.4 | 6 |
| 106 | Assessment of potential toxicological aspects of dietary exposure to silicon-rich spirulina in rats. <i>Food and Chemical Toxicology</i> , 2015, 80, 108-113. | 1.8 | 6 |
| 107 | Cardiovascular risk stratification in hemodialysis patients in the era of highly sensitive troponins: should we choose between hs-troponin I and hs-troponin T?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016, 54, 673-82. | 1.4 | 6 |
| 108 | Analytical evaluation of Lumipulse® BRAHMS PCT CLEIA assay and clinical performances in an unselected population as compared with central lab PCT assay. <i>Clinical Biochemistry</i> , 2017, 50, 248-250. | 0.8 | 6 |

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|-----|--|-----|-----------|
| 109 | Analytical performances of a novel point-of-care procalcitonin assay. <i>Practical Laboratory Medicine</i> , 2020, 18, e00145. | 0.6 | 6 |
| 110 | Oxidative stress complex syndrome: The dark side of the malnutrition-inflammation complex syndrome. <i>Hemodialysis International</i> , 2007, 11, S32-S38. | 0.4 | 5 |
| 111 | Analytical performances of cystatin C turbidimetric assay: which impact on accuracy of glomerular filtration rate estimation in renal transplantation?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012, 50, 133-8. | 1.4 | 5 |
| 112 | Long term pronostic value of suPAR in chronic heart failure: reclassification of patients with low MAGGIC score. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 1299-1306. | 1.4 | 5 |
| 113 | Comparison of four immunoassays to an HPLC method for the therapeutic drug monitoring of methotrexate: Influence of the hydroxylated metabolite levels and impact on clinical threshold. <i>Journal of Oncology Pharmacy Practice</i> , 2022, 28, 55-63. | 0.5 | 5 |
| 114 | Safety and Efficacy of Short Daily Hemodialysis with Physidia S3 System: Clinical Performance Assessment during the Training Period. <i>Journal of Clinical Medicine</i> , 2022, 11, 2123. | 1.0 | 5 |
| 115 | Evaluation of a new point-of-care testing for creatinine and urea measurement. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2021, 81, 290-297. | 0.6 | 4 |
| 116 | Accuracy of GFR predictive equations using ID-MS traceable creatinine: compensated Jaffe and enzymatic. <i>Clinical Laboratory</i> , 2011, 57, 357-61. | 0.2 | 4 |
| 117 | Discrepant post-filter ionized calcium concentrations by 2 common gas analyzers in continuous renal replacement therapy using regional citrate anticoagulation: another piece of the puzzle. <i>Kidney International</i> , 2021, 99, 268-269. | 2.6 | 3 |
| 118 | Soluble urokinase-type plasminogen activator receptor strongly predicts global mortality in acute heart failure patients: insight from the STADE-HF registry. <i>Future Science OA</i> , 2021, 7, FSO697. | 0.9 | 3 |
| 119 | Colchicine to Prevent Sympathetic Denervation after an Acute Myocardial Infarction: The COLD-MI Trial Protocol. <i>Medicina (Lithuania)</i> , 2021, 57, 1047. | 0.8 | 3 |
| 120 | A Pathway to National Guidelines for Laboratory Diagnostics of Chronic Kidney Disease - Examples from Diverse European Countries. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2017, 28, 289-301. | 0.7 | 3 |
| 121 | Biomarkers of Redox Balance Adjusted to Exercise Intensity as a Useful Tool to Identify Patients at Risk of Muscle Disease through Exercise Test. <i>Nutrients</i> , 2022, 14, 1886. | 1.7 | 3 |
| 122 | Association of aminothiols with the clinical outcome in hemodialysis patients: comparison of chromatography and immunoassay for homocysteine determination. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006, 44, 949-54. | 1.4 | 2 |
| 123 | Copeptin and high-sensitivity cardiac troponin to exclude severe coronary stenosis in patients with chest pain and coronary artery disease. <i>American Journal of Emergency Medicine</i> , 2016, 34, 493-498. | 0.7 | 2 |
| 124 | Analytical performances of PENIA and PETIA urinary cystatin C determination allow tubular injury investigation. <i>Annals of Clinical Biochemistry</i> , 2019, 56, 228-231. | 0.8 | 2 |
| 125 | Usefulness of a blood glucose and ketone monitoring device as a screening tool for lethal diabetic ketoacidosis. <i>International Journal of Legal Medicine</i> , 2021, 135, 293-299. | 1.2 | 2 |
| 126 | Analytical assessment and performance of the 0/3h algorithm with novel high sensitivity cardiac troponin I. <i>Clinica Chimica Acta</i> , 2021, 519, 111-117. | 0.5 | 2 |

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|-----|---|-----|-----------|
| 127 | Does the interference phenomenon affect strength development during same-session combined rehabilitation program in hemodialysis patients?. <i>Seminars in Dialysis</i> , 2022, 35, 154-164. | 0.7 | 2 |
| 128 | Diets Rich in Olive Oil, Palm Oil, or Lard Alter Mitochondrial Biogenesis and Mitochondrial Membrane Composition in Rat Liver. <i>Biochemistry Research International</i> , 2022, 2022, 1-10. | 1.5 | 2 |
| 129 | Estimation of residual renal function using beta-trace protein: Impact of dialysis procedures. <i>Artificial Organs</i> , 2020, 44, 647-654. | 1.0 | 1 |
| 130 | Could a Multi-Marker and Machine Learning Approach Help Stratify Patients with Heart Failure?. <i>Medicina (Lithuania)</i> , 2021, 57, 996. | 0.8 | 1 |
| 131 | Additive value of bioclinical risk scores to high sensitivity troponins-only strategy in acute coronary syndrome. <i>Clinica Chimica Acta</i> , 2021, 523, 273-284. | 0.5 | 1 |
| 132 | Analytical evaluation of the performances of a new procalcitonin immunoassay. <i>Clinical Chemistry and Laboratory Medicine</i> , 2022, 60, 77-80. | 1.4 | 1 |
| 133 | A New DiaSys colorimetric assay for plasma homocysteine: application in diabetic patients. <i>Annals of Clinical and Laboratory Science</i> , 2009, 39, 233-40. | 0.2 | 1 |
| 134 | Comparison of Sebia Capillarys 3-OCTA with the Tosoh Bioscience HLC [®] -723G8 method for A1C testing with focus on analytical interferences and variant detection. <i>Clinical Chemistry and Laboratory Medicine</i> , 2022, 60, e216-e220. | 1.4 | 1 |
| 135 | Influence de la consommation quotidienne d'huile de palme brute sur les concentrations plasmatiques d'alpha-tocopherol et de tocotrianol. <i>Cahiers De Nutrition Et De Dietetique</i> , 2006, 41, 307-311. | 0.2 | 0 |
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