

Angelo Zinellu

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

237
papers

3,724
citations

31
h-index

43
g-index

252
ext. papers

4,773
ext. citations

4.1
avg, IF

5.66
L-index

#	Paper	IF	Citations
237	Circulating biomarkers of oxidative stress in chronic obstructive pulmonary disease: a systematic review. <i>Respiratory Research</i> , 2016 , 17, 150	7.3	72
236	Neutrophil to lymphocyte ratio and clinical outcomes in COPD: recent evidence and future perspectives. <i>European Respiratory Review</i> , 2018 , 27,	9.8	69
235	N-methyl-D-glucamine improves the laser-induced fluorescence capillary electrophoresis performance in the total plasma thiols measurement. <i>Electrophoresis</i> , 2003 , 24, 2796-804	3.6	69
234	miRNA Stability in Frozen Plasma Samples. <i>Molecules</i> , 2015 , 20, 19030-40	4.8	63
233	Plasma thiols redox status by laser-induced fluorescence capillary electrophoresis. <i>Electrophoresis</i> , 2004 , 25, 882-9	3.6	63
232	Meta-analysis of neutrophil-to-lymphocyte and platelet-to-lymphocyte ratio in rheumatoid arthritis. <i>European Journal of Clinical Investigation</i> , 2019 , 49, e13037	4.6	60
231	High dietary taurine reduces apoptosis and atherosclerosis in the left main coronary artery: association with reduced CCAAT/enhancer binding protein homologous protein and total plasma homocysteine but not lipidemia. <i>Hypertension</i> , 2009 , 53, 1017-22	8.5	57
230	Plasma creatinine and creatine quantification by capillary electrophoresis diode array detector. <i>Analytical Biochemistry</i> , 2005 , 342, 186-93	3.1	51
229	Differences in the Kinetic of the First Meiotic Division and in Active Mitochondrial Distribution between Prepubertal and Adult Oocytes Mirror Differences in their Developmental Competence in a Sheep Model. <i>PLoS ONE</i> , 2015 , 10, e0124911	3.7	51
228	Evaluation of oxidative stress biomarkers in idiopathic pulmonary fibrosis and therapeutic applications: a systematic review. <i>Respiratory Research</i> , 2018 , 19, 51	7.3	49
227	D-Dimer Concentrations and COVID-19 Severity: A Systematic Review and Meta-Analysis. <i>Frontiers in Public Health</i> , 2020 , 8, 432	6	49
226	The Systemic Inflammation Index on Admission Predicts In-Hospital Mortality in COVID-19 Patients. <i>Molecules</i> , 2020 , 25,	4.8	48
225	Bilirubin levels in patients with mild and severe Covid-19: A pooled analysis. <i>Liver International</i> , 2020 , 40, 1787-1788	7.9	47
224	Resveratrol alters human endothelial cells redox state and causes mitochondrial-dependent cell death. <i>Food and Chemical Toxicology</i> , 2015 , 78, 10-6	4.7	46
223	Ultrarapid capillary electrophoresis method for the determination of reduced and oxidized glutathione in red blood cells. <i>Electrophoresis</i> , 2002 , 23, 1716-21	3.6	46
222	A Cross-Sectional Study of Compositional and Functional Profiles of Gut Microbiota in Sardinian Centenarians. <i>MSystems</i> , 2019 , 4,	7.6	43
221	Influence of MTHFR Genetic Background on p16 and MGMT Methylation in Oral Squamous Cell Cancer. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	42

220	Simultaneous detection of N-acetyl-L-cysteine and physiological low molecular mass thiols in plasma by capillary electrophoresis. <i>Amino Acids</i> , 2009 , 37, 395-400	3.5	42
219	Oral contraceptives modify DNA methylation and monocyte-derived macrophage function. <i>Biology of Sex Differences</i> , 2012 , 3, 4	9.3	41
218	Meibomian gland dysfunction and hypercholesterolemia. <i>Ophthalmology</i> , 2013 , 120, 2385-2389	7.3	41
217	Emerging cellular and molecular determinants of idiopathic pulmonary fibrosis. <i>Cellular and Molecular Life Sciences</i> , 2021 , 78, 2031-2057	10.3	40
216	Taurine determination by capillary electrophoresis with laser-induced fluorescence detection: from clinical field to quality food applications. <i>Amino Acids</i> , 2009 , 36, 35-41	3.5	39
215	Plasma D-penicillamine redox state evaluation by capillary electrophoresis with laser-induced fluorescence. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004 , 803, 299-304	3.2	39
214	Highly sensitive simultaneous detection of cultured cellular thiols by laser induced fluorescence-capillary electrophoresis. <i>Electrophoresis</i> , 2005 , 26, 1063-70	3.6	39
213	Plasma homocysteine and cysteine levels in retinal vein occlusion. <i>Investigative Ophthalmology and Visual Science</i> , 2006 , 47, 4067-71		37
212	Optimization of ascorbic and uric acid separation in human plasma by free zone capillary electrophoresis ultraviolet detection. <i>Analytical Biochemistry</i> , 2004 , 330, 298-305	3.1	36
211	Plasma asymmetric dimethylarginine (ADMA) levels and atherosclerotic disease in ankylosing spondylitis: a cross-sectional study. <i>Clinical Rheumatology</i> , 2011 , 30, 21-7	3.9	35
210	Plasma protein thiols: an early marker of oxidative stress in asthma and chronic obstructive pulmonary disease. <i>European Journal of Clinical Investigation</i> , 2016 , 46, 181-8	4.6	34
209	Associations between the neutrophil-to-lymphocyte and the platelet-to-lymphocyte ratios and the presence and severity of psoriasis: a systematic review and meta-analysis. <i>Clinical and Experimental Medicine</i> , 2019 , 19, 37-45	4.9	33
208	Blood cell count indexes as predictors of outcomes in advanced non-small-cell lung cancer patients treated with Nivolumab. <i>Cancer Immunology, Immunotherapy</i> , 2018 , 67, 1349-1353	7.4	31
207	Dose-dependent effect of melatonin on postwarming development of vitrified ovine embryos. <i>Theriogenology</i> , 2014 , 81, 1058-66	2.8	31
206	Activity of mannose-binding lectin in centenarians. <i>Aging Cell</i> , 2012 , 11, 394-400	9.9	31
205	A novel LIF-CE method for the separation of hyaluronan- and chondroitin sulfate-derived disaccharides: Application to structural and quantitative analyses of human plasma low- and high-charged chondroitin sulfate isomers. <i>Electrophoresis</i> , 2007 , 28, 2439-47	3.6	31
204	Acute variations in homocysteine levels are related to creatine changes induced by physical activity. <i>Clinical Nutrition</i> , 2007 , 26, 444-9	5.9	31
203	Rapid quantification of total genomic DNA methylation degree by short-end injection capillary zone electrophoresis. <i>Journal of Chromatography A</i> , 2008 , 1185, 145-50	4.5	31

202	A new HPLC method for serum neopterin measurement and relationships with plasma thiols levels in healthy subjects. <i>Biomedical Chromatography</i> , 2004 , 18, 360-6	1.7	30
201	Pre-analytical stability of the plasma proteomes based on the storage temperature. <i>Proteome Science</i> , 2013 , 11, 10	2.6	29
200	S-homocysteinylated LDL apolipoprotein B adversely affects human endothelial cells in vitro. <i>Atherosclerosis</i> , 2009 , 206, 40-6	3.1	29
199	Improved method for plasma ADMA, SDMA, and arginine quantification by field-amplified sample injection capillary electrophoresis UV detection. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 399, 1815-1814	4.4	28
198	Plasma methionine determination by capillary electrophoresis-UV assay: application on patients affected by retinal venous occlusive disease. <i>Analytical Biochemistry</i> , 2007 , 363, 91-6	3.1	28
197	Factors affecting S-homocysteinylated LDL apoprotein B. <i>Clinical Chemistry</i> , 2006 , 52, 2054-9	5.5	28
196	Molecular Epidemiology of the Main Druggable Genetic Alterations in Non-Small Cell Lung Cancer. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	28
195	High-throughput CZE-UV determination of arginine and dimethylated arginines in human plasma. <i>Electrophoresis</i> , 2007 , 28, 1942-8	3.6	27
194	Assay for the simultaneous determination of guanidinoacetic acid, creatinine and creatine in plasma and urine by capillary electrophoresis UV-detection. <i>Journal of Separation Science</i> , 2006 , 29, 704-8	3.4	27
193	Thiol redox status evaluation in red blood cells by capillary electrophoresis-laser induced fluorescence detection. <i>Electrophoresis</i> , 2005 , 26, 1963-8	3.6	27
192	Antioxidant Activity Mediates Pirfenidone Antifibrotic Effects in Human Pulmonary Vascular Smooth Muscle Cells Exposed to Sera of Idiopathic Pulmonary Fibrosis Patients. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 2639081	6.7	27
191	Glucose-6-phosphate dehydrogenase deficiency in retinal vein occlusion. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 2747-52		26
190	Optimization of the principal parameters for the ultrarapid electrophoretic separation of reduced and oxidized glutathione by capillary electrophoresis. <i>Journal of Chromatography A</i> , 2003 , 1017, 233-8	4.5	26
189	Regular cigarette smoking influences the transsulfuration pathway, endothelial function, and inflammation biomarkers in a sex-gender specific manner in healthy young humans. <i>American Journal of Translational Research (discontinued)</i> , 2013 , 5, 497-509	3	26
188	Protective Effects of Methotrexate against Proatherosclerotic Cytokines: A Review of the Evidence. <i>Mediators of Inflammation</i> , 2017 , 2017, 9632846	4.3	25
187	Clinical and biochemical correlates of serum L-ergothioneine concentrations in community-dwelling middle-aged and older adults. <i>PLoS ONE</i> , 2014 , 9, e84918	3.7	25
186	Carotid restenosis is associated with plasma ADMA concentrations in carotid endarterectomy patients. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011 , 49, 897-901	5.9	25
185	Coumaric acid induces mitochondrial damage and oxidative-mediated cell death of human endothelial cells. <i>Cardiovascular Toxicology</i> , 2013 , 13, 301-6	3.4	24

184	Glucose-6-phosphate dehydrogenase (G6PD) deficiency in nonarteritic anterior ischemic optic neuropathy in a Sardinian population, Italy. <i>Investigative Ophthalmology and Visual Science</i> , 2008 , 49, 1328-32		24
183	Coronary flow reserve in systemic rheumatic diseases: a systematic review and meta-analysis. <i>Rheumatology International</i> , 2018 , 38, 1179-1190	3.6	23
182	Enantiomeric reversed-phase high-performance liquid chromatography resolution of D-/L-penicillamine after spirocyclization with ninhydrin and by using copper(II)-L-proline complex as a chiral selector in the mobile phase. <i>Journal of Chromatography A</i> , 2008 , 1205, 90-3	4.5	23
181	Human Serum Albumin Increases the Stability of Green Tea Catechins in Aqueous Physiological Conditions. <i>PLoS ONE</i> , 2015 , 10, e0134690	3.7	23
180	Laboratory test alterations in patients with COVID-19 and non COVID-19 interstitial pneumonia: a preliminary report. <i>Journal of Infection in Developing Countries</i> , 2020 , 14, 685-690	2.3	23
179	Ageing/Menopausal Status in Healthy Women and Ageing in Healthy Men Differently Affect Cardiometabolic Parameters. <i>International Journal of Medical Sciences</i> , 2016 , 13, 124-32	3.7	23
178	MicroRNA-425-5p Expression Affects BRAF/RAS/MAPK Pathways In Colorectal Cancers. <i>International Journal of Medical Sciences</i> , 2019 , 16, 1480-1491	3.7	22
177	Plasma Clusterin and Lipid Profile: A Link with Aging and Cardiovascular Diseases in a Population with a Consistent Number of Centenarians. <i>PLoS ONE</i> , 2015 , 10, e0128029	3.7	22
176	Oxidative stress-induced Akt downregulation mediates green tea toxicity towards prostate cancer cells. <i>Toxicology in Vitro</i> , 2017 , 42, 255-262	3.6	21
175	Evaluation of non-covalent interactions between serum albumin and green tea catechins by affinity capillary electrophoresis. <i>Journal of Chromatography A</i> , 2014 , 1367, 167-71	4.5	21
174	Determination of homocysteine thiolactone, reduced homocysteine, homocystine, homocysteine-cysteine mixed disulfide, cysteine and cystine in a reaction mixture by overimposed pressure/voltage capillary electrophoresis. <i>Talanta</i> , 2010 , 82, 1281-5	6.2	21
173	Ejaculate collection efficiency and post-thaw semen quality in wild-caught Griffon vultures from the Sardinian population. <i>Reproductive Biology and Endocrinology</i> , 2009 , 7, 18	5	21
172	Therapeutic Potential of Resveratrol in COVID-19-Associated Hemostatic Disorders. <i>Molecules</i> , 2021 , 26,	4.8	21
171	A recovery time after warming restores mitochondrial function and improves developmental competence of vitrified ovine oocytes. <i>Theriogenology</i> , 2018 , 110, 18-26	2.8	20
170	Albumin-bound low molecular weight thiols analysis in plasma and carotid plaques by CE. <i>Journal of Separation Science</i> , 2010 , 33, 126-31	3.4	20
169	The neutrophil-to-lymphocyte ratio as a marker of chronic obstructive pulmonary disease and its exacerbations: A systematic review and meta-analysis. <i>European Journal of Clinical Investigation</i> , 2018 , 48, e12984	4.6	20
168	Nutraceutical effects of table green olives: a pilot study with Nocellara del Belice olives. <i>Immunity and Ageing</i> , 2016 , 13, 11	9.7	20
167	Homoarginine and all-cause mortality: A systematic review and meta-analysis. <i>European Journal of Clinical Investigation</i> , 2018 , 48, e12960	4.6	20

166	Impact of cholesterol lowering treatment on plasma kynurenine and tryptophan concentrations in chronic kidney disease: relationship with oxidative stress improvement. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2015 , 25, 153-9	4.5	19
165	Field-amplified online sample stacking capillary electrophoresis UV detection for plasma malondialdehyde measurement. <i>Electrophoresis</i> , 2011 , 32, 1893-7	3.6	19
164	Quantification of neurotransmitter amino acids by capillary electrophoresis laser-induced fluorescence detection in biological fluids. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 398, 1973-8	4.4	19
163	Separation of aceclofenac and diclofenac in human plasma by free zone capillary electrophoresis using N-methyl-D-glucamine as an effective electrolyte additive. <i>European Journal of Pharmaceutical Sciences</i> , 2005 , 24, 375-80	5.1	19
162	Quantification of thiol-containing amino acids linked by disulfides to LDL. <i>Clinical Chemistry</i> , 2005 , 51, 658-60	5.5	19
161	Arginines Plasma Concentration and Oxidative Stress in Mild to Moderate COPD. <i>PLoS ONE</i> , 2016 , 11, e0160237	3.7	19
160	Determination of creatinine in human serum by short-end injection capillary zone electrophoresis. <i>Electrophoresis</i> , 2004 , 25, 1096-101	3.6	18
159	The De Ritis ratio as prognostic biomarker of in-hospital mortality in COVID-19 patients. <i>European Journal of Clinical Investigation</i> , 2021 , 51, e13427	4.6	18
158	Simultaneous determination of aromatic amino acids in human blood plasma by capillary electrophoresis with UV-absorption detection. <i>Journal of Separation Science</i> , 2015 , 38, 1794-9	3.4	17
157	Complete Blood Cell Count-Derived Inflammation Biomarkers in Men with Age-Related Macular Degeneration. <i>Ocular Immunology and Inflammation</i> , 2019 , 27, 932-936	2.8	17
156	Reverse injection capillary electrophoresis UV detection for serotonin quantification in human whole blood. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012 , 895-896, 182-5	3.2	17
155	Plasma L-ergothioneine measurement by high-performance liquid chromatography and capillary electrophoresis after a pre-column derivatization with 5-iodoacetamidofluorescein (5-IAF) and fluorescence detection. <i>PLoS ONE</i> , 2013 , 8, e70374	3.7	17
154	Field-amplified sample injection combined with pressure-assisted capillary electrophoresis UV detection for the simultaneous analysis of allantoin, uric acid, and malondialdehyde in human plasma. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 399, 2855-61	4.4	17
153	Red blood cell distribution width in pregnancy: a systematic review. <i>Biochimica Medica</i> , 2018 , 28, 030502	2.5	17
152	MicroRNA Expression Analysis of Centenarians and Rheumatoid Arthritis Patients Reveals a Common Expression Pattern. <i>International Journal of Medical Sciences</i> , 2017 , 14, 622-628	3.7	16
151	Oxidative stress improvement is associated with increased levels of taurine in CKD patients undergoing lipid-lowering therapy. <i>Amino Acids</i> , 2012 , 43, 1499-507	3.5	16
150	Simultaneous analysis of kynurenine and tryptophan in human plasma by capillary electrophoresis with UV detection. <i>Journal of Separation Science</i> , 2012 , 35, 1146-51	3.4	16
149	Evaluation of methylation degree from formalin-fixed paraffin-embedded DNA extract by field-amplified sample injection capillary electrophoresis with UV detection. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 399, 1181-6	4.4	16

148	Assessment of protein-incorporated arginine methylation in biological specimens by CZE UV-detection. <i>Electrophoresis</i> , 2007 , 28, 4452-8	3.6	16
147	A new selective pre-column ninhydrin-based derivatization for a RP-HPLC determination of plasma asymmetric dimethyl-L-arginine (ADMA) by fluorescence detection. <i>Amino Acids</i> , 2008 , 34, 677-82	3.5	16
146	Distribution of low-density lipoprotein-bound low-molecular-weight thiols: a new analytical approach. <i>Electrophoresis</i> , 2006 , 27, 2575-81	3.6	16
145	Serum albumin concentrations are associated with disease severity and outcomes in coronavirus 19 disease (COVID-19): a systematic review and meta-analysis. <i>Clinical and Experimental Medicine</i> , 2021 , 21, 343-354	4.9	16
144	Serum thiols and cardiovascular risk scores: a combined assessment of transsulfuration pathway components and substrate/product ratios. <i>Journal of Translational Medicine</i> , 2013 , 11, 99	8.5	15
143	Measurement of carnosine, homocarnosine and anserine by FASI capillary electrophoresis UV detection: applications on biological samples. <i>Talanta</i> , 2011 , 84, 931-5	6.2	15
142	Increased low-density lipoprotein S-homocysteinylation in chronic kidney disease. <i>American Journal of Nephrology</i> , 2010 , 32, 242-8	4.6	15
141	Determination of protein-incorporated methylated arginine reference values in healthy subjects whole blood and evaluation of factors affecting protein methylation. <i>Clinical Biochemistry</i> , 2008 , 41, 1218-23	3.5	15
140	Serum amyloid A concentrations, COVID-19 severity and mortality: An updated systematic review and meta-analysis. <i>International Journal of Infectious Diseases</i> , 2021 , 105, 668-674	10.5	15
139	Circulating malondialdehyde concentrations in patients with stable chronic obstructive pulmonary disease: a systematic review and meta-analysis. <i>Biomarkers in Medicine</i> , 2018 , 12, 771-781	2.3	14
138	New horizons in arginine metabolism, ageing and chronic disease states. <i>Age and Ageing</i> , 2019 , 48, 776-782		14
137	Metals in plasma of nonagenarians and centenarians living in a key area of longevity. <i>Experimental Gerontology</i> , 2014 , 60, 197-206	4.5	14
136	Protein sulfhydryl group oxidation and mixed-disulfide modifications in stable and unstable human carotid plaques. <i>Oxidative Medicine and Cellular Longevity</i> , 2013 , 2013, 403973	6.7	14
135	A hydrophilic interaction ultraperformance liquid chromatography (HILIC-UPLC) method for genomic DNA methylation assessment by UV detection. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 396, 2937-41	4.4	14
134	Blood Cell Count Derived Inflammation Indexes in Patients with Idiopathic Pulmonary Fibrosis. <i>Lung</i> , 2020 , 198, 821-827	2.9	14
133	Reliability and Usefulness of Different Biomarkers of Oxidative Stress in Chronic Obstructive Pulmonary Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 4982324	6.7	13
132	Blood cell count indexes as predictors of anastomotic leakage in elective colorectal surgery: a multicenter study on 1432 patients. <i>World Journal of Surgical Oncology</i> , 2020 , 18, 89	3.4	13
131	Blood global DNA methylation is decreased in non-severe chronic obstructive pulmonary disease (COPD) patients. <i>Pulmonary Pharmacology and Therapeutics</i> , 2017 , 46, 11-15	3.5	13

130	Quantification of L-ergothioneine in whole blood by hydrophilic interaction ultra-performance liquid chromatography and UV-detection. <i>Journal of Separation Science</i> , 2013 , 36, 1002-6	3.4	13
129	Oxidative stress-linked biomarkers in idiopathic pulmonary fibrosis: a systematic review and meta-analysis. <i>Biomarkers in Medicine</i> , 2018 , 12, 1175-1184	2.3	13
128	Polyphenols and IUGR Pregnancies: Effects of Maternal Hydroxytyrosol Supplementation on Placental Gene Expression and Fetal Antioxidant Status, DNA-Methylation and Phenotype. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	12
127	Targeting Aging with Functional Food: Pasta with Opuntia Single-Arm Pilot Study. <i>Rejuvenation Research</i> , 2018 , 21, 249-256	2.6	12
126	Plasma Homocysteine and Asymmetrical Dimethyl-L-Arginine (ADMA) and Whole Blood DNA Methylation in Early and Neovascular Age-Related Macular Degeneration: A Pilot Study. <i>Current Eye Research</i> , 2016 , 41, 88-96	2.9	12
125	Epigenetic Changes Associated with the Expression of Amyotrophic Lateral Sclerosis (ALS) Causing Genes. <i>Neuroscience</i> , 2018 , 390, 1-11	3.9	12
124	Sexual dimorphic evolution of metabolic programming in non-genetic non-alimentary mild metabolic syndrome model in mice depends on feed-back mechanisms integrity for pro-opiomelanocortin-derived endogenous substances. <i>Peptides</i> , 2010 , 31, 1598-605	3.8	12
123	Association between Human Plasma Chondroitin Sulfate Isomers and Carotid Atherosclerotic Plaques. <i>Biochemistry Research International</i> , 2012 , 2012, 281284	2.4	12
122	Sodium glycyglycine as effective electrolyte run buffer for ascorbic and uric acid separation by CZE: a comparison with two other CE assays. <i>Journal of Separation Science</i> , 2005 , 28, 2193-9	3.4	12
121	A diethylpyrocarbonate-based derivatization method for the LC-MS/MS measurement of plasma arginine and its chemically related metabolites and analogs. <i>Clinica Chimica Acta</i> , 2019 , 492, 29-36	6.2	11
120	LDL S-homocysteinylation decrease in chronic kidney disease patients undergone lipid lowering therapy. <i>European Journal of Pharmaceutical Sciences</i> , 2012 , 47, 117-23	5.1	11
119	Serum methylarginines and incident depression in a cohort of older adults. <i>Journal of Affective Disorders</i> , 2013 , 151, 493-499	6.6	11
118	Quantification of histidine, 1-methylhistidine and 3-methylhistidine in plasma and urine by capillary electrophoresis UV-detection. <i>Journal of Separation Science</i> , 2010 , 33, 3781-5	3.4	11
117	A new general regression-based approach for method comparison studies. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008 , 46, 1046-9	5.9	11
116	Pre-analytical factors affecting ascorbic and uric acid quantification in human plasma. <i>Journal of Proteomics</i> , 2006 , 67, 95-105		11
115	Serum Complement C3 and C4 and COVID-19 Severity and Mortality: A Systematic Review and Meta-Analysis With Meta-Regression. <i>Frontiers in Immunology</i> , 2021 , 12, 696085	8.4	11
114	HLA-C1 ligands are associated with increased susceptibility to systemic lupus erythematosus. <i>Human Immunology</i> , 2018 , 79, 172-177	2.3	10
113	Plasma Proteomic Signatures in Early Chronic Obstructive Pulmonary Disease. <i>Proteomics - Clinical Applications</i> , 2018 , 12, e1700088	3.1	10

112	Ultra-performance liquid chromatographic determination of L-ergothioneine in commercially available classes of cow milk. <i>Journal of Food Science</i> , 2014 , 79, C1683-7	3.4	10
111	Glutamyl cycle in the rat liver appears to be sex-gender specific. <i>Experimental and Toxicologic Pathology</i> , 2013 , 65, 585-9		10
110	Cholesterol lowering treatment restores blood global DNA methylation in chronic kidney disease (CKD) patients. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2017 , 27, 822-829	4.5	10
109	Human serum albumin Cys34 oxidative modifications following infiltration in the carotid atherosclerotic plaque. <i>Oxidative Medicine and Cellular Longevity</i> , 2014 , 2014, 690953	6.7	10
108	Simultaneous determination of citrulline and arginine in human blood plasma by capillary electrophoresis with ultraviolet absorption detection. <i>Journal of Separation Science</i> , 2014 , 37, 2418-23	3.4	10
107	Low density lipoprotein S-homocysteinylation is increased in acute myocardial infarction patients. <i>Clinical Biochemistry</i> , 2012 , 45, 359-62	3.5	10
106	Intracellular adenosine 5'-triphosphate, adenosine 5'-diphosphate, and adenosine 5'-monophosphate detection by short-end injection capillary electrophoresis using methylcellulose as the effective electroosmotic flow suppressor. <i>Electrophoresis</i> , 2008 , 29, 3069-73	3.6	10
105	Effect of acute exercise on low molecular weight thiols in plasma. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2007 , 17, 452-6	4.6	10
104	Repurposing existing drugs for cardiovascular risk management: a focus on methotrexate. <i>Drugs in Context</i> , 2018 , 7, 212557	5.2	10
103	Global microRNA profiling of peripheral blood mononuclear cells in patients with Behçet's disease. <i>Clinical and Experimental Rheumatology</i> , 2015 , 33, S72-9	2.2	10
102	Increased kynurenine plasma concentrations and kynurenine-tryptophan ratio in mild-to-moderate chronic obstructive pulmonary disease patients. <i>Biomarkers in Medicine</i> , 2018 , 12, 229-237	2.3	9
101	Ultra-fast adenosine 5'-triphosphate, adenosine 5'-diphosphate and adenosine 5'-monophosphate detection by pressure-assisted capillary electrophoresis UV detection. <i>Electrophoresis</i> , 2010 , 31, 2854-7	3.6	9
100	Circulating Concentrations of Key Regulators of Nitric Oxide Production in Undernourished Sheep Carrying Single and Multiple Fetuses. <i>Animals</i> , 2019 , 10,	3.1	9
99	Identification of the Main Intermediate Precursor of L-Ergothioneine Biosynthesis in Human Biological Specimens. <i>Molecules</i> , 2016 , 21,	4.8	9
98	Mean Platelet Volume, Red Cell Distribution Width, and Complete Blood Cell Count Indices in Retinal Vein Occlusions. <i>Ophthalmic Epidemiology</i> , 2021 , 28, 39-47	1.9	9
97	Systemic concentrations of asymmetric dimethylarginine (ADMA) in chronic obstructive pulmonary disease (COPD): state of the art. <i>Amino Acids</i> , 2018 , 50, 1169-1176	3.5	9
96	Inflammatory cell indexes as preoperative predictors of hospital stay in open elective thoracic surgery. <i>ANZ Journal of Surgery</i> , 2018 , 88, 616-620	1	8
95	Effect of cholesterol lowering treatment on plasma markers of endothelial dysfunction in chronic kidney disease. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 129, 383-388	3.5	8

94	Plasma thiols and taurine levels in central retinal vein occlusion. <i>Current Eye Research</i> , 2010 , 35, 644-50	2.9	8
93	Evaluation of low molecular mass thiols content in carotid atherosclerotic plaques. <i>Clinical Biochemistry</i> , 2009 , 42, 796-801	3.5	8
92	Short-end injection capillary electrophoresis for quantification of plasma chondroitin sulfate isomer disaccharides. <i>Analytical and Bioanalytical Chemistry</i> , 2008 , 391, 2865-8	4.4	8
91	High-throughput capillary electrophoresis method for plasma cysteinylglycine measurement: evidences for a clinical application. <i>Amino Acids</i> , 2008 , 34, 69-74	3.5	8
90	Simultaneous determination of the main amino thiol and thione in human whole blood by CE and LC. <i>Bioanalysis</i> , 2016 , 8, 945-51	2.1	8
89	INR and COVID-19 severity and mortality: A systematic review with meta-analysis and meta-regression. <i>Advances in Medical Sciences</i> , 2021 , 66, 372-380	2.8	8
88	N- and S-homocysteinylation reduce the binding of human serum albumin to catechins. <i>European Journal of Nutrition</i> , 2017 , 56, 785-791	5.2	7
87	Systemic transsulfuration pathway thiol concentrations in chronic obstructive pulmonary disease patients. <i>European Journal of Clinical Investigation</i> , 2020 , 50, e13267	4.6	7
86	Markers of oxidative stress, skeletal muscle mass and function, and their responses to resistance exercise training in older adults. <i>Experimental Gerontology</i> , 2018 , 103, 101-106	4.5	7
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