

# Salvatore Sotgia, Mls

## List of Publications by Year in descending order

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138  
papers

2,620  
citations

212478

28  
h-index

340414

39  
g-index

139  
all docs

139  
docs citations

139  
times ranked

3648  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasma homoarginine concentrations in ewe's pregnancy and association with the number of fetuses. <i>Research in Veterinary Science</i> , 2022, 144, 175-180.	0.9	3
2	ADMA and homoarginine independently predict mortality in critically ill patients. <i>Nitric Oxide - Biology and Chemistry</i> , 2022, 122-123, 47-53.	1.2	4
3	A Capillary Electrophoresis-Based Method for the Measurement of Hydroxychloroquine and Its Active Metabolite Desethyl Hydroxychloroquine in Whole Blood in Patients with Rheumatoid Arthritis. <i>Molecules</i> , 2022, 27, 3901.	1.7	0
4	Methodological Fallacies in the Determination of Serum/Plasma Glutathione Limit Its Translational Potential in Chronic Obstructive Pulmonary Disease. <i>Molecules</i> , 2021, 26, 1572.	1.7	5
5	B-Type Natriuretic Peptide Concentrations, COVID-19 Severity, and Mortality: A Systematic Review and Meta-Analysis With Meta-Regression. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 690790.	1.1	19
6	Asymmetric Dimethylarginine: a Key Player in the Pathophysiology of Endothelial Dysfunction, Vascular Inflammation and Atherosclerosis in Rheumatoid Arthritis?. <i>Current Pharmaceutical Design</i> , 2021, 27, 2131-2140.	0.9	20
7	Serum CK-MB, COVID-19 severity and mortality: An updated systematic review and meta-analysis with meta-regression. <i>Advances in Medical Sciences</i> , 2021, 66, 304-314.	0.9	21
8	S-Methyl-L-Ergothioneine to L-Ergothioneine Ratio in Urine Is a Marker of Cystine Lithiasis in a Cystinuria Mouse Model. <i>Antioxidants</i> , 2021, 10, 1424.	2.2	4
9	A meta-regression study of the clinical significance of serum aminotransferases in COVID-19. <i>European Review for Medical and Pharmacological Sciences</i> , 2021, 25, 6813-6824.	0.5	0
10	Circulating Concentrations of Key Regulators of Nitric Oxide Production in Undernourished Sheep Carrying Single and Multiple Fetuses. <i>Animals</i> , 2020, 10, 65.	1.0	10
11	Micellar electrokinetic capillary chromatographic determination of pirfenidone and 5-carboxy-pirfenidone by direct injection of plasma from patients receiving treatment for idiopathic pulmonary fibrosis (IPF). <i>Microchemical Journal</i> , 2020, 154, 104536.	2.3	5
12	Systematic Review and Meta-Analysis of the Blood Glutathione Redox State in Chronic Obstructive Pulmonary Disease. <i>Antioxidants</i> , 2020, 9, 1146.	2.2	15
13	Oxidative Stress Biomarkers and Peripheral Endothelial Dysfunction in Rheumatoid Arthritis: A Monocentric Cross-Sectional Case-Control Study. <i>Molecules</i> , 2020, 25, 3855.	1.7	15
14	Hercynine, Ergothioneine and Redox State in Stallion's Seminal Plasma. <i>Antioxidants</i> , 2020, 9, 855.	2.2	6
15	Systemic transsulfuration pathway thiol concentrations in chronic obstructive pulmonary disease patients. <i>European Journal of Clinical Investigation</i> , 2020, 50, e13267.	1.7	13
16	Comprehensive arginine metabolomics and peripheral vasodilatory capacity in rheumatoid arthritis: A monocentric cross-sectional study. <i>Microvascular Research</i> , 2020, 131, 104038.	1.1	9
17	New horizons in arginine metabolism, ageing and chronic disease states. <i>Age and Ageing</i> , 2019, 48, 776-782.	0.7	42
18	A Capillary Electrophoresis UV Detection-Based Method for Global Genomic DNA Methylation Assessment in Human Whole Blood. <i>Methods in Molecular Biology</i> , 2019, 1972, 213-219.	0.4	0

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19	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.	0.5	20
20	Spontaneous Release of Human Serum Albumin S-Bound Homocysteine in a Thiol-Free Physiological Medium. <i>International Journal of Peptide Research and Therapeutics</i> , 2019, 25, 187-194.	0.9	1
21	Methotrexate and Vasculoprotection: Mechanistic Insights and Potential Therapeutic Applications in Old Age. <i>Current Pharmaceutical Design</i> , 2019, 25, 4175-4184.	0.9	9
22	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.	0.6	14
23	Inflammatory cell indexes as preoperative predictors of hospital stay in open elective thoracic surgery. <i>ANZ Journal of Surgery</i> , 2018, 88, 616-620.	0.3	19
24	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.	1.2	9
25	Neutrophil to lymphocyte ratio and clinical outcomes in COPD: recent evidence and future perspectives. <i>European Respiratory Review</i> , 2018, 27, 170113.	3.0	133
26	Plasma Proteomic Signatures in Early Chronic Obstructive Pulmonary Disease. <i>Proteomics - Clinical Applications</i> , 2018, 12, e1700088.	0.8	16
27	Evaluation of oxidative stress biomarkers in idiopathic pulmonary fibrosis and therapeutic applications: a systematic review. <i>Respiratory Research</i> , 2018, 19, 51.	1.4	87
28	Sex Differences in the Associations between L-Arginine Pathway Metabolites, Skeletal Muscle Mass and Function, and their Responses to Resistance Exercise, in Old Age. <i>Journal of Nutrition, Health and Aging</i> , 2018, 22, 534-540.	1.5	14
29	Circulating serotonin levels in COPD patients: a pilot study. <i>BMC Pulmonary Medicine</i> , 2018, 18, 167.	0.8	6
30	Development of an LC-MS/MS Tandem Mass Spectrometry Method for the Quantitative Analysis of Hercynine in Human Whole Blood. <i>Molecules</i> , 2018, 23, 3326.	1.7	5
31	Hercynine content in widely consumed commercial beverages. <i>LWT - Food Science and Technology</i> , 2018, 98, 465-469.	2.5	4
32	A liquid chromatography-mass spectrometry study on the spirocyclization of ninhydrin with the amino thiols. <i>Microchemical Journal</i> , 2018, 141, 324-329.	2.3	1
33	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.	0.6	25
34	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.	1.7	38
35	N- and S-homocysteinylation reduce the binding of human serum albumin to catechins. <i>European Journal of Nutrition</i> , 2017, 56, 785-791.	1.8	11
36	Oxidative stress-induced Akt downregulation mediates green tea toxicity towards prostate cancer cells. <i>Toxicology in Vitro</i> , 2017, 42, 255-262.	1.1	23

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37	Cellular immune activation in Sardinian middle-aged, older adults and centenarians. <i>Experimental Gerontology</i> , 2017, 99, 133-137.	1.2	7
38	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.	1.1	14
39	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.	1.1	12
40	Strategies to enhance graphic and results interpretation of a regression-based approach for method comparison studies. <i>Future Science OA</i> , 2017, 3, FSO0194.	0.9	1
41	Evaluation of Global Genomic DNA Methylation in Human Whole Blood by Capillary Electrophoresis UV Detection. <i>Journal of Analytical Methods in Chemistry</i> , 2017, 2017, 1-6.	0.7	3
42	Protective Effects of Methotrexate against Proatherosclerotic Cytokines: A Review of the Evidence. <i>Mediators of Inflammation</i> , 2017, 2017, 1-11.	1.4	35
43	Methotrexate and Cardiovascular Protection: Current Evidence and Future Directions. <i>Clinical Medicine Insights Therapeutics</i> , 2017, 9, 1179559X1774128.	0.4	7
44	Effects of Ramipril and Telmisartan on Plasma Concentrations of Low Molecular Weight and Protein Thiols and Carotid Intima Media Thickness in Patients with Chronic Kidney Disease. <i>Disease Markers</i> , 2016, 2016, 1-7.	0.6	5
45	Identification of the Main Intermediate Precursor of l-Ergothioneine Biosynthesis in Human Biological Specimens. <i>Molecules</i> , 2016, 21, 1298.	1.7	12
46	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, 181-188.	1.7	44
47	Simultaneous determination of the main amino thiol and thione in human whole blood by CE and LC. <i>Bioanalysis</i> , 2016, 8, 945-951.	0.6	10
48	An isotope dilution capillary electrophoresis/tandem mass spectrometry (CE-MS/MS) method for the simultaneous measurement of choline, betaine, and dimethylglycine concentrations in human plasma. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 7505-7512.	1.9	7
49	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.	1.4	10
50	Plasma concentrations of transthyretin in older Sardinians including centenarians. <i>Aging Clinical and Experimental Research</i> , 2016, 28, 77-82.	1.4	0
51	Arginines Plasma Concentration and Oxidative Stress in Mild to Moderate COPD. <i>PLoS ONE</i> , 2016, 11, e0160237.	1.1	26
52	Methylated Arginines as Biomarkers in Renal Disease. , 2016, , 397-426.		1
53	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.	1.1	26
54	Differences in amniotic amino acid concentrations between pregnancies obtained with transfer of vitrified thawed in vitro produced embryos and with natural mating in sheep. <i>Theriogenology</i> , 2015, 83, 687-692.	0.9	5

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55	Resveratrol alters human endothelial cells redox state and causes mitochondrial-dependent cell death. <i>Food and Chemical Toxicology</i> , 2015, 78, 10-16.	1.8	68
56	A protocol for microbiologically safe preparation, storage, and use of autologous serum eye-drops in low-income countries. <i>Journal of Infection in Developing Countries</i> , 2015, 9, 055-059.	0.5	7
57	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, 1794-1799.	1.3	21
58	Concentrations of l-ergothioneine in follicular fluids of farm animals. <i>Comparative Clinical Pathology</i> , 2015, 24, 1261-1265.	0.3	3
59	Amniotic fluid l-ergothioneine concentrations in pregnant sheep after natural mating and transfer of vitrified/thawed in-vitro produced embryos. <i>Research in Veterinary Science</i> , 2015, 102, 238-241.	0.9	7
60	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, 153-159.	1.1	28
61	Human Serum Albumin Increases the Stability of Green Tea Catechins in Aqueous Physiological Conditions. <i>PLoS ONE</i> , 2015, 10, e0134690.	1.1	25
62	Methylated Arginines as Biomarkers in Renal Disease. , 2015, , 1-30.		0
63	Clinical and Biochemical Correlates of Serum L-Ergothioneine Concentrations in Community-Dwelling Middle-Aged and Older Adults. <i>PLoS ONE</i> , 2014, 9, e84918.	1.1	35
64	Metals in plasma of nonagenarians and centenarians living in a key area of longevity. <i>Experimental Gerontology</i> , 2014, 60, 197-206.	1.2	25
65	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, 2418-2423.	1.3	11
66	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.	1.5	12
67	Evaluation of non-covalent interactions between serum albumin and green tea catechins by affinity capillary electrophoresis. <i>Journal of Chromatography A</i> , 2014, 1367, 167-171.	1.8	23
68	Pre-analytical stability of the plasma proteomes based on the storage temperature. <i>Proteome Science</i> , 2013, 11, 10.	0.7	37
69	Coumaric Acid Induces Mitochondrial Damage and Oxidative-Mediated Cell Death of Human Endothelial Cells. <i>Cardiovascular Toxicology</i> , 2013, 13, 301-306.	1.1	30
70	Quantification of Arginine and Dimethylated Arginines in Human Plasma by Field-Amplified Sample Injection Capillary Electrophoresis UV Detection. <i>Methods in Molecular Biology</i> , 2013, 984, 131-138.	0.4	6
71	Analysis of Neurotransmitter Amino Acids by CE-LIF Detection in Biological Fluids. <i>Methods in Molecular Biology</i> , 2013, 919, 35-42.	0.4	10
72	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, 1002-1006.	1.3	15

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73	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.	1.1	22
74	Low density lipoprotein S-homocysteinylolation is increased in acute myocardial infarction patients. <i>Clinical Biochemistry</i> , 2012, 45, 359-362.	0.8	12
75	Oxidative stress improvement is associated with increased levels of taurine in CKD patients undergoing lipid-lowering therapy. <i>Amino Acids</i> , 2012, 43, 1499-1507.	1.2	18
76	Simultaneous analysis of kynurenine and tryptophan in human plasma by capillary electrophoresis with UV detection. <i>Journal of Separation Science</i> , 2012, 35, 1146-1151.	1.3	19
77	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, 182-185.	1.2	20
78	LDL S-homocysteinylolation decrease in chronic kidney disease patients undergone lipid lowering therapy. <i>European Journal of Pharmaceutical Sciences</i> , 2012, 47, 117-123.	1.9	12
79	D-Penicillamine Interferes With S-Homocysteinylolation and S-Cysteinylolation of LDL Apolipoprotein B. <i>Journal of Clinical Pharmacology</i> , 2011, 51, 1728-1732.	1.0	2
80	Measurement of carnosine, homocarnosine and anserine by FASI capillary electrophoresis UV detection: Applications on biological samples. <i>Talanta</i> , 2011, 84, 931-935.	2.9	19
81	Application of an unusual ninhydrin-based reaction for the indirect chiral resolution of d,l-penicillamine. <i>Talanta</i> , 2011, 85, 1783-1785.	2.9	6
82	Plasma asymmetric dimethylarginine (ADMA) levels and atherosclerotic disease in ankylosing spondylitis: a cross-sectional study. <i>Clinical Rheumatology</i> , 2011, 30, 21-27.	1.0	38
83	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, 1181-1186.	1.9	16
84	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, 1815-1821.	1.9	31
85	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, 2855-2861.	1.9	24
86	Field-amplified online sample stacking capillary electrophoresis UV detection for plasma malondialdehyde measurement. <i>Electrophoresis</i> , 2011, 32, 1893-1897.	1.3	20
87	Carotid restenosis is associated with plasma ADMA concentrations in carotid endarterectomy patients. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011, 49, 897-901.	1.4	28
88	The Oxidative State of LDL is the Major Determinant of Anti/Prooxidant Effect of Coffee on Cu <sup>2+</sup> Catalysed Peroxidation. <i>The Open Biochemistry Journal</i> , 2011, 5, 1-8.	0.3	8
89	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, 2937-2941.	1.9	17
90	Quantification of neurotransmitter amino acids by capillary electrophoresis laser-induced fluorescence detection in biological fluids. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 1973-1978.	1.9	23

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91	Capillary electrophoresis with laser-induced fluorescence detection for ATP quantification in spermatozoa and oocytes. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 2109-2116.	1.9	7
92	Ultrafast adenosine 5â€™-triphosphate, adenosine 5â€™-diphosphate and adenosine 5â€™-monophosphate detection by pressure-assisted capillary electrophoresis UV detection. <i>Electrophoresis</i> , 2010, 31, 2854-2857.	1.3	11
93	Albumin-bound low molecular weight thiols analysis in plasma and carotid plaques by CE. <i>Journal of Separation Science</i> , 2010, 33, 126-131.	1.3	21
94	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, 3781-3785.	1.3	12
95	High Sensitivity of Reverse-hybridization Methodology in the Detection of KRAS Mutations from Formalin-fixed Paraffin-embedded Colorectal Cancer Samples. <i>Diagnostic Molecular Pathology</i> , 2010, 19, 201-208.	2.1	8
96	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, 1281-1285.	2.9	31
97	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.	1.2	41
98	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.	1.2	46
99	Improved rapid assay of plasma uric acid by short-end injection capillary zone electrophoresis. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 2577-2582.	1.9	5
100	Evaluation of low molecular mass thiols content in carotid atherosclerotic plaques. <i>Clinical Biochemistry</i> , 2009, 42, 796-801.	0.8	9
101	S-homocysteinylated LDL apolipoprotein B adversely affects human endothelial cells in vitro. <i>Atherosclerosis</i> , 2009, 206, 40-46.	0.4	33
102	Short-end injection capillary electrophoresis for quantification of plasma chondroitin sulfate isomer disaccharides. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 2865-2868.	1.9	8
103	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, 677-682.	1.2	19
104	High-throughput capillary electrophoresis method for plasma cysteinylglycine measurement: evidences for a clinical application. <i>Amino Acids</i> , 2008, 34, 69-74.	1.2	12
105	Intracellular adenosine 5â€™-triphosphate, adenosine 5â€™-diphosphate, and adenosine 5â€™-monophosphate detection by short-end injection capillary electrophoresis using methylcellulose as the effective electroosmotic flow suppressor. <i>Electrophoresis</i> , 2008, 29, 3069-3073.	1.3	13
106	Rapid quantification of total genomic DNA methylation degree by short-end injection capillary zone electrophoresis. <i>Journal of Chromatography A</i> , 2008, 1185, 145-150.	1.8	32
107	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, 1218-1223.	0.8	15
108	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, 90-93.	1.8	25

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109	A new general regression-based approach for method comparison studies. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008, 46, 1046-9.	1.4	12
110	Increased plasma asymmetric dimethylarginine (ADMA) levels in retinal venous occlusive disease. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008, 46, 387-92.	1.4	5
111	High-throughput CZE-UV determination of arginine and dimethylated arginines in human plasma. <i>Electrophoresis</i> , 2007, 28, 1942-1948.	1.3	28
112	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, 2439-2447.	1.3	32
113	Protein-bound glutathione measurement in cultured cells by CZE with LIF detection. <i>Electrophoresis</i> , 2007, 28, 3277-3283.	1.3	6
114	Assessment of protein-incorporated arginine methylation in biological specimens by CZE UV-detection. <i>Electrophoresis</i> , 2007, 28, 4452-4458.	1.3	18
115	Plasma methionine determination by capillary electrophoresis-UV assay: Application on patients affected by retinal venous occlusive disease. <i>Analytical Biochemistry</i> , 2007, 363, 91-96.	1.1	32
116	Acute variations in homocysteine levels are related to creatine changes induced by physical activity. <i>Clinical Nutrition</i> , 2007, 26, 444-449.	2.3	37
117	GSH depletion after erythrocytes acidic treatment is related to intracellular hemoglobin levels. <i>Clinica Chimica Acta</i> , 2006, 366, 363.	0.5	5
118	Effect of acute exercise on low molecular weight thiols in plasma. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2006, 17, 061120070736052-???	1.3	15
119	Pre-analytical factors affecting ascorbic and uric acid quantification in human plasma. <i>Journal of Proteomics</i> , 2006, 67, 95-105.	2.4	13
120	Monitoring the oxidative modification of lipoprotein(a) by capillary zone electrophoresis. <i>European Journal of Lipid Science and Technology</i> , 2006, 108, 444-447.	1.0	1
121	Distribution of low-density lipoprotein-bound low-molecular-weight thiols: A new analytical approach. <i>Electrophoresis</i> , 2006, 27, 2575-2581.	1.3	17
122	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, 704-708.	1.3	30
123	Factors Affecting S-Homocysteinylation of LDL Apoprotein B. <i>Clinical Chemistry</i> , 2006, 52, 2054-2059.	1.5	29
124	Plasma creatinine and creatine quantification by capillary electrophoresis diode array detector. <i>Analytical Biochemistry</i> , 2005, 342, 186-193.	1.1	56
125	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, 375-380.	1.9	28
126	Thiol redox status evaluation in red blood cells by capillary electrophoresis-laser induced fluorescence detection. <i>Electrophoresis</i> , 2005, 26, 1963-1968.	1.3	38

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127	Highly sensitive simultaneous detection of cultured cellular thiols by laser induced fluorescence-capillary electrophoresis. <i>Electrophoresis</i> , 2005, 26, 1063-1070.	1.3	44
128	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, 2193-2199.	1.3	12
129	Quantification of Thiol-Containing Amino Acids Linked by Disulfides to LDL. <i>Clinical Chemistry</i> , 2005, 51, 658-660.	1.5	20
130	Carotid narrowing degree and plasma thiol levels in carotid endarterectomy patients. <i>Clinical Chemistry and Laboratory Medicine</i> , 2005, 43, 1015-9.	1.4	5
131	Relationships between white blood cell count and levels of serum homocysteine and cysteine in healthy subjects. <i>Haematologica</i> , 2005, 90, 136-7.	1.7	2
132	A new HPLC method for serum neopterin measurement and relationships with plasma thiols levels in healthy subjects. <i>Biomedical Chromatography</i> , 2004, 18, 360-366.	0.8	36
133	Plasma thiols redox status by laser-induced fluorescence capillary electrophoresis. <i>Electrophoresis</i> , 2004, 25, 882-889.	1.3	69
134	Determination of creatinine in human serum by short-end injection capillary zone electrophoresis. <i>Electrophoresis</i> , 2004, 25, 1096-1101.	1.3	18
135	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.	1.2	43
136	Applications on the monitoring of oxidative modification of LDL by capillary electrophoresis: a comparison with spectrophotometer assay. <i>Talanta</i> , 2004, 64, 428-434.	2.9	3
137	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.	1.1	38
138	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, 233-238.	1.8	31