

Ciriaco Carru

List of Publications by Year in descending order

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Version: 2024-02-01

284
papers

6,629
citations

87888

38
h-index

138484

58
g-index

286
all docs

286
docs citations

286
times ranked

8501
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of a geographic area characterized by extreme longevity in the Sardinia island: the AKEA study. <i>Experimental Gerontology</i> , 2004, 39, 1423-1429.	2.8	204
2	The Systemic Inflammation Index on Admission Predicts In-Hospital Mortality in COVID-19 Patients. <i>Molecules</i> , 2020, 25, 5725.	3.8	169
3	Autosomal recessive hypercholesterolaemia in Sardinia, Italy, and mutations in ARH: a clinical and molecular genetic analysis. <i>Lancet</i> , 2002, 359, 841-847.	13.7	150
4	Neutrophil to lymphocyte ratio and clinical outcomes in COPD: recent evidence and future perspectives. <i>European Respiratory Review</i> , 2018, 27, 170113.	7.1	133
5	Meta-analysis of neutrophil-to-lymphocyte and platelet-to-lymphocyte ratio in rheumatoid arthritis. <i>European Journal of Clinical Investigation</i> , 2019, 49, e13037.	3.4	122
6	A Cross-Sectional Study of Compositional and Functional Profiles of Gut Microbiota in Sardinian Centenarians. <i>MSystems</i> , 2019, 4, .	3.8	95
7	Circulating biomarkers of oxidative stress in chronic obstructive pulmonary disease: a systematic review. <i>Respiratory Research</i> , 2016, 17, 150.	3.6	88
8	Evaluation of oxidative stress biomarkers in idiopathic pulmonary fibrosis and therapeutic applications: a systematic review. <i>Respiratory Research</i> , 2018, 19, 51.	3.6	87
9	miRNA Stability in Frozen Plasma Samples. <i>Molecules</i> , 2015, 20, 19030-19040.	3.8	85
10	Association between longevity and cytokine gene polymorphisms. A study in Sardinian centenarians. <i>Aging Clinical and Experimental Research</i> , 2004, 16, 244-248.	2.9	76
11	Family clustering in Sardinian longevity: A genealogical approach. <i>Experimental Gerontology</i> , 2006, 41, 727-736.	2.8	74
12	N-Methyl-D-glucamine improves the laser-induced fluorescence capillary electrophoresis performance in the total plasma thiols measurement. <i>Electrophoresis</i> , 2003, 24, 2796-2804.	2.4	71
13	Ex vivo impact of functionalized carbon nanotubes on human immune cells. <i>Nanomedicine</i> , 2012, 7, 231-243.	3.3	71
14	Plasma thiols redox status by laser-induced fluorescence capillary electrophoresis. <i>Electrophoresis</i> , 2004, 25, 882-889.	2.4	69
15	Resveratrol alters human endothelial cells redox state and causes mitochondrial-dependent cell death. <i>Food and Chemical Toxicology</i> , 2015, 78, 10-16.	3.6	68
16	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.	3.6	68
17	Microbiomes other than the gut: inflammaging and age-related diseases. <i>Seminars in Immunopathology</i> , 2020, 42, 589-605.	6.1	65
18	High Dietary Taurine Reduces Apoptosis and Atherosclerosis in the Left Main Coronary Artery. <i>Hypertension</i> , 2009, 53, 1017-1022.	2.7	64

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19	Influence of MTHFR Genetic Background on p16 and MGMT Methylation in Oral Squamous Cell Cancer. <i>International Journal of Molecular Sciences</i> , 2017, 18, 724.	4.1	63
20	Clinical and pathological factors influencing survival in a large cohort of triple-negative breast cancer patients. <i>BMC Cancer</i> , 2018, 18, 56.	2.6	63
21	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.	2.5	63
22	Plasma creatinine and creatine quantification by capillary electrophoresis diode array detector. <i>Analytical Biochemistry</i> , 2005, 342, 186-193.	2.4	56
23	Blood Cell Count Derived Inflammation Indexes in Patients with Idiopathic Pulmonary Fibrosis. <i>Lung</i> , 2020, 198, 821-827.	3.3	55
24	p53 Codon 72 Polymorphism and Longevity: Additional Data on Centenarians from Continental Italy and Sardinia. <i>American Journal of Human Genetics</i> , 1999, 65, 1782-1785.	6.2	53
25	Ultrarapid capillary electrophoresis method for the determination of reduced and oxidized glutathione in red blood cells. <i>Electrophoresis</i> , 2002, 23, 1716.	2.4	53
26	Meibomian Gland Dysfunction and Hypercholesterolemia. <i>Ophthalmology</i> , 2013, 120, 2385-2389.	5.2	52
27	Spectrophotometric measurement of hydroperoxides at increased sensitivity by oxidation of Fe ²⁺ in the presence of xylenol orange. <i>Free Radical Research</i> , 1999, 31, 237-244.	3.3	50
28	Oral contraceptives modify DNA methylation and monocyte-derived macrophage function. <i>Biology of Sex Differences</i> , 2012, 3, 4.	4.1	50
29	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.	3.6	50
30	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.	4.2	49
31	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.	3.4	48
32	Cholesterol and Triglyceride Concentrations, COVID-19 Severity, and Mortality: A Systematic Review and Meta-Analysis With Meta-Regression. <i>Frontiers in Public Health</i> , 2021, 9, 705916.	2.7	47
33	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.	1.2	47
34	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.	2.7	46
35	PKC/Raf/MEK/ERK signaling pathway modulates native-LDL-induced E2F-1 gene expression and endothelial cell proliferation. <i>Cardiovascular Research</i> , 2003, 59, 934-944.	3.8	45
36	Age-Related Variation of Bacterial and Fungal Communities in Different Body Habitats across the Young, Elderly, and Centenarians in Sardinia. <i>MSphere</i> , 2020, 5, .	2.9	45

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37	Highly sensitive simultaneous detection of cultured cellular thiols by laser induced fluorescence-capillary electrophoresis. <i>Electrophoresis</i> , 2005, 26, 1063-1070.	2.4	44
38	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.	3.4	44
39	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.	2.3	43
40	New horizons in arginine metabolism, ageing and chronic disease states. <i>Age and Ageing</i> , 2019, 48, 776-782.	1.6	42
41	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.	2.7	41
42	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.	3.3	41
43	Activity of mannose-binding lectin in centenarians. <i>Aging Cell</i> , 2012, 11, 394-400.	6.7	40
44	Coronary flow reserve in systemic rheumatic diseases: a systematic review and meta-analysis. <i>Rheumatology International</i> , 2018, 38, 1179-1190.	3.0	39
45	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.	2.4	38
46	Thiol redox status evaluation in red blood cells by capillary electrophoresis-laser induced fluorescence detection. <i>Electrophoresis</i> , 2005, 26, 1963-1968.	2.4	38
47	Plasma Homocysteine and Cysteine Levels in Retinal Vein Occlusion. , 2006, 47, 4067.		38
48	Plasma asymmetric dimethylarginine (ADMA) levels and atherosclerotic disease in ankylosing spondylitis: a cross-sectional study. <i>Clinical Rheumatology</i> , 2011, 30, 21-27.	2.2	38
49	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.	3.4	38
50	Acute variations in homocysteine levels are related to creatine changes induced by physical activity. <i>Clinical Nutrition</i> , 2007, 26, 444-449.	5.0	37
51	Pre-analytical stability of the plasma proteomes based on the storage temperature. <i>Proteome Science</i> , 2013, 11, 10.	1.7	37
52	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, 1-8.	4.0	37
53	Y Chromosome Binary Markers to Study the High Prevalence of Males in Sardinian Centenarians and the Genetic Structure of the Sardinian Population. <i>Human Heredity</i> , 2001, 52, 136-139.	0.8	36
54	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.	1.7	36

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55	Frequency of the HFE Gene Mutations in Five Italian Populations. <i>Blood Cells, Molecules, and Diseases</i> , 2002, 29, 267-273.	1.4	35
56	Association between the HLA-DR alleles and longevity: a study in Sardinian population. <i>Experimental Gerontology</i> , 2003, 38, 313-318.	2.8	35
57	Clinical and Biochemical Correlates of Serum L-Ergothioneine Concentrations in Community-Dwelling Middle-Aged and Older Adults. <i>PLoS ONE</i> , 2014, 9, e84918.	2.5	35
58	Dose-dependent effect of melatonin on postwarming development of vitrified ovine embryos. <i>Theriogenology</i> , 2014, 81, 1058-1066.	2.1	35
59	Protective Effects of Methotrexate against Proatherosclerotic Cytokines: A Review of the Evidence. <i>Mediators of Inflammation</i> , 2017, 2017, 1-11.	3.0	35
60	Ageing/Menopausal Status in Healthy Women and Ageing in Healthy Men Differently Affect Cardiometabolic Parameters. <i>International Journal of Medical Sciences</i> , 2016, 13, 124-132.	2.5	34
61	S-homocysteinylated LDL apolipoprotein B adversely affects human endothelial cells in vitro. <i>Atherosclerosis</i> , 2009, 206, 40-46.	0.8	33
62	The Effect of SEX/Gender on Cardiovascular Pharmacology. <i>Current Pharmaceutical Design</i> , 2011, 17, 1095-1107.	1.9	33
63	Association between the HFE mutations and longevity: a study in Sardinian population. <i>Mechanisms of Ageing and Development</i> , 2003, 124, 529-532.	4.6	32
64	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.	2.4	32
65	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.	2.4	32
66	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.	3.7	32
67	Integrated Analysis of miRNA and mRNA Endorses a Twenty miRNAs Signature for Colorectal Carcinoma. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4067.	4.1	32
68	The Aggregate Index of Systemic Inflammation (AISI): A Novel Prognostic Biomarker in Idiopathic Pulmonary Fibrosis. <i>Journal of Clinical Medicine</i> , 2021, 10, 4134.	2.4	32
69	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.	3.7	31
70	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.	5.5	31
71	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.	3.7	31
72	miRNA-135b Contributes to Triple Negative Breast Cancer Molecular Heterogeneity: Different Expression Profile in Basal-like Versus non-Basal-like Phenotypes. <i>International Journal of Medical Sciences</i> , 2018, 15, 536-548.	2.5	31

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73	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.	2.5	30
74	Glucose-6-Phosphate Dehydrogenase Deficiency in Retinal Vein Occlusion. , 2007, 48, 2747.		30
75	Coumaric Acid Induces Mitochondrial Damage and Oxidative-Mediated Cell Death of Human Endothelial Cells. <i>Cardiovascular Toxicology</i> , 2013, 13, 301-306.	2.7	30
76	Prevalence and Determinants of Peripheral Microvascular Endothelial Dysfunction in Rheumatoid Arthritis Patients: A Multicenter Cross-Sectional Study. <i>Mediators of Inflammation</i> , 2018, 2018, 1-8.	3.0	30
77	Factors Affecting S-Homocysteinylolation of LDL Apoprotein B. <i>Clinical Chemistry</i> , 2006, 52, 2054-2059.	3.2	29
78	Reliability and Usefulness of Different Biomarkers of Oxidative Stress in Chronic Obstructive Pulmonary Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-12.	4.0	29
79	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.	4.0	28
80	High-throughput CZE-UV determination of arginine and dimethylated arginines in human plasma. <i>Electrophoresis</i> , 2007, 28, 1942-1948.	2.4	28
81	Glucose-6-Phosphate Dehydrogenase (G6PD) Deficiency in Nonarteritic Anterior Ischemic Optic Neuropathy in a Sardinian Population, Italy. , 2008, 49, 1328.		28
82	A GENS-based approach to cardiovascular pharmacology: impact on metabolism, pharmacokinetics and pharmacodynamics. <i>Therapeutic Delivery</i> , 2011, 2, 1437-1453.	2.2	28
83	Carotid restenosis is associated with plasma ADMA concentrations in carotid endarterectomy patients. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011, 49, 897-901.	2.3	28
84	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.	2.6	28
85	Homoarginine and all-cause mortality: A systematic review and meta-analysis. <i>European Journal of Clinical Investigation</i> , 2018, 48, e12960.	3.4	28
86	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.	0.0	28
87	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.	3.3	27
88	A recovery time after warming restores mitochondrial function and improves developmental competence of vitrified ovine oocytes. <i>Theriogenology</i> , 2018, 110, 18-26.	2.1	27
89	Red blood cell distribution width in pregnancy: a systematic review. <i>Biochimica Medica</i> , 2018, 28, 030502.	2.7	27
90	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.	2.1	27

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91	Analysis of HLA-DRB1,DQA1,DQB1 haplotypes in Sardinian centenarians. <i>Experimental Gerontology</i> , 2008, 43, 114-118.	2.8	26
92	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.	2.5	26
93	Nutraceutical effects of table green olives: a pilot study with Nocellara del Belice olives. <i>Immunity and Ageing</i> , 2016, 13, 11.	4.2	26
94	Arginines Plasma Concentration and Oxidative Stress in Mild to Moderate COPD. <i>PLoS ONE</i> , 2016, 11, e0160237.	2.5	26
95	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.	3.7	25
96	Tyrosine Kinase Receptor Status in Endometrial Stromal Sarcoma. <i>International Journal of Gynecological Pathology</i> , 2012, 31, 570-579.	1.4	25
97	Metals in plasma of nonagenarians and centenarians living in a key area of longevity. <i>Experimental Gerontology</i> , 2014, 60, 197-206.	2.8	25
98	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.	1.4	25
99	Human Serum Albumin Increases the Stability of Green Tea Catechins in Aqueous Physiological Conditions. <i>PLoS ONE</i> , 2015, 10, e0134690.	2.5	25
100	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.	3.7	24
101	Glucose-6-Phosphate Dehydrogenase Deficiency and Diabetes Mellitus with Severe Retinal Complications in a Sardinian Population, Italy. <i>International Journal of Medical Sciences</i> , 2013, 10, 1907-1913.	2.5	24
102	Methylenetetrahydrofolate reductase (MTHFR) C677T and A1298C polymorphisms in breast cancer: a Sardinian preliminary case-control study. <i>International Journal of Medical Sciences</i> , 2019, 16, 1089-1095.	2.5	24
103	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.	3.7	23
104	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.	3.7	23
105	Oxidative stress-induced Akt downregulation mediates green tea toxicity towards prostate cancer cells. <i>Toxicology in Vitro</i> , 2017, 42, 255-262.	2.4	23
106	Complete Blood Cell Countâ€Derived Inflammation Biomarkers in Men with Age-Related Macular Degeneration. <i>Ocular Immunology and Inflammation</i> , 2019, 27, 932-936.	1.8	23
107	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.	2.5	22
108	Homocysteine and risk of ageâ€related macular degeneration: a systematic review and metaâ€analysis. <i>Acta Ophthalmologica</i> , 2018, 96, e269-e276.	1.1	22

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109	Oxidative stress-linked biomarkers in idiopathic pulmonary fibrosis: a systematic review and meta-analysis. <i>Biomarkers in Medicine</i> , 2018, 12, 1175-1184.	1.4	22
110	The The PaO ₂ /FiO ₂ ratio on admission is independently associated with prolonged hospitalization in COVID-19 patients. <i>Journal of Infection in Developing Countries</i> , 2021, 15, 353-359.	1.2	22
111	Albumin-bound low molecular weight thiols analysis in plasma and carotid plaques by CE. <i>Journal of Separation Science</i> , 2010, 33, 126-131.	2.5	21
112	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.	2.5	21
113	Asymmetric dimethylarginine and arterial stiffness in patients with rheumatoid arthritis: A case-control study. <i>Journal of International Medical Research</i> , 2016, 44, 76-80.	1.0	21
114	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.	2.5	21
115	Effects of Pirfenidone and Nintedanib on Markers of Systemic Oxidative Stress and Inflammation in Patients with Idiopathic Pulmonary Fibrosis: A Preliminary Report. <i>Antioxidants</i> , 2020, 9, 1064.	5.1	21
116	Quantification of Thiol-Containing Amino Acids Linked by Disulfides to LDL. <i>Clinical Chemistry</i> , 2005, 51, 658-660.	3.2	20
117	Field-amplified online sample stacking capillary electrophoresis UV detection for plasma malondialdehyde measurement. <i>Electrophoresis</i> , 2011, 32, 1893-1897.	2.4	20
118	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.	2.3	20
119	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.	1.1	20
120	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.	1.9	20
121	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.	2.7	19
122	Measurement of carnosine, homocarnosine and anserine by FASI capillary electrophoresis UV detection: Applications on biological samples. <i>Talanta</i> , 2011, 84, 931-935.	5.5	19
123	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.	2.5	19
124	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.	4.4	19
125	Protein Sulfhydryl Group Oxidation and Mixed-Disulfide Modifications in Stable and Unstable Human Carotid Plaques. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-8.	4.0	19
126	Inflammatory cell indexes as preoperative predictors of hospital stay in open elective thoracic surgery. <i>ANZ Journal of Surgery</i> , 2018, 88, 616-620.	0.7	19

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127	Determination of creatinine in human serum by short-end injection capillary zone electrophoresis. <i>Electrophoresis</i> , 2004, 25, 1096-1101.	2.4	18
128	Assessment of proteinâ€in incorporated arginine methylation in biological specimens by CZE UVâ€detection. <i>Electrophoresis</i> , 2007, 28, 4452-4458.	2.4	18
129	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.	2.7	18
130	HLA-C1 ligands are associated with increased susceptibility to systemic lupus erythematosus. <i>Human Immunology</i> , 2018, 79, 172-177.	2.4	18
131	Targeting Aging with Functional Food: Pasta with <i>Opuntia</i> Single-Arm Pilot Study. <i>Rejuvenation Research</i> , 2018, 21, 249-256.	1.8	18
132	Epigenetic Changes Associated with the Expression of Amyotrophic Lateral Sclerosis (ALS) Causing Genes. <i>Neuroscience</i> , 2018, 390, 1-11.	2.3	18
133	Diagnostic accuracy of different blood cells-derived indexes in rheumatoid arthritis. <i>Medicine (United States)</i> , 2020, 99, e22557.	1.0	18
134	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.	1.7	18
135	Distribution of lowâ€density lipoproteinâ€bound lowâ€molecularâ€weight thiols: A new analytical approach. <i>Electrophoresis</i> , 2006, 27, 2575-2581.	2.4	17
136	A hydrophilic interaction ultraperformance liquid chromatography (HILICâ€UPLC) method for genomic DNA methylation assessment by UV detection. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 396, 2937-2941.	3.7	17
137	Increased Low-Density Lipoprotein S-Homocysteinylation in Chronic Kidney Disease. <i>American Journal of Nephrology</i> , 2010, 32, 242-248.	3.1	17
138	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.	3.7	16
139	Serum methylarginines and incident depression in a cohort of older adults. <i>Journal of Affective Disorders</i> , 2013, 151, 493-499.	4.1	16
140	Plasma Proteomic Signatures in Early Chronic Obstructive Pulmonary Disease. <i>Proteomics - Clinical Applications</i> , 2018, 12, e1700088.	1.6	16
141	MTHFR, XRCC1 and OGG1 genetic polymorphisms in breast cancer: a case-control study in a population from North Sardinia. <i>BMC Cancer</i> , 2020, 20, 234.	2.6	16
142	Landscape of transcriptome variations uncovering known and novel driver events in colorectal carcinoma. <i>Scientific Reports</i> , 2020, 10, 432.	3.3	16
143	Age and Gender-related Variations of Molecular and Phenotypic Parameters in A Cohort of Sicilian Population: from Young to Centenarians. , 2021, 12, 1773.		16
144	Role of miRNA-145, 148, and 185 and Stem Cells in Prostate Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1626.	4.1	16

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145	Effect of acute exercise on low molecular weight thiols in plasma. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2006, 17, 061120070736052-???	2.9	15
146	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.	1.9	15
147	Quantification of L-cystathionine in whole blood by hydrophilic interaction ultra-performance liquid chromatography and <sc>UV</sc>-detection. <i>Journal of Separation Science</i> , 2013, 36, 1002-1006.	2.5	15
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