

Francesco Galli

List of Publications by Year in Descending Order

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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.

171
papers

6,631
citations

47
h-index

71
g-index

199
ext. papers

7,572
ext. citations

5.4
avg, IF

5.85
L-index

#	Paper	IF	Citations
171	Adipose Tissue Plasticity in Response to Pathophysiological Cues: A Connecting Link between Obesity and Its Associated Comorbidities. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 5511	6.3	1
170	Vitamin E (Alpha-Tocopherol) Metabolism and Nutrition in Chronic Kidney Disease. <i>Antioxidants</i> , 2022 , 11, 989	7.1	2
169	Natural Cryoprotective and Cytoprotective Agents in Cryopreservation: A Focus on Melatonin. <i>Molecules</i> , 2022 , 27, 3254	4.8	1
168	Metabolic and functional interplay between gut microbiota and fat-soluble vitamins. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 61, 3211-3232	11.5	17
167	SARS-CoV-2 Survival on Surfaces and the Effect of UV-C Light. <i>Viruses</i> , 2021 , 13,	6.2	22
166	The age-dependent decline of the extracellular thiol-disulfide balance and its role in SARS-CoV-2 infection. <i>Redox Biology</i> , 2021 , 41, 101902	11.3	15
165	Endoplasmic reticulum stress and NF- κ B activation in SARS-CoV-2 infected cells and their response to antiviral therapy. <i>IUBMB Life</i> , 2021 ,	4.7	4
164	SARS-CoV2 infection impairs the metabolism and redox function of cellular glutathione. <i>Redox Biology</i> , 2021 , 45, 102041	11.3	19
163	Pre-analytical monitoring and protection of oxidizable lipids in human plasma (vitamin E and α -linolenic and α -linoleic fatty acids): An update for redox-lipidomics methods. <i>Free Radical Biology and Medicine</i> , 2021 , 176, 142-148	7.8	2
162	Alpha-Tocopherol Metabolites (the Vitamin E Metabolome) and Their Interindividual Variability during Supplementation. <i>Antioxidants</i> , 2021 , 10,	7.1	12
161	Garcinoic Acid Is a Natural and Selective Agonist of Pregnane X Receptor. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 3701-3712	8.3	18
160	Garcinoic acid prevents β -amyloid (A β) deposition in the mouse brain. <i>Journal of Biological Chemistry</i> , 2020 , 295, 11866-11876	5.4	10
159	Glutathione S-transferase P influences the Nrf2-dependent response of cellular thiols to seleno-compounds. <i>Cell Biology and Toxicology</i> , 2020 , 36, 379-386	7.4	10
158	Liquid chromatography separation of α - and β -linolenic acid positional isomers with a stationary phase based on covalently immobilized cellulose tris(3,5-dichlorophenylcarbamate). <i>Journal of Chromatography A</i> , 2020 , 1609, 460461	4.5	12
157	Anethole Dithiolethione Increases Glutathione in Kidney by Inhibiting γ -Glutamyltranspeptidase: Biochemical Interpretation and Pharmacological Consequences. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 3562972	6.7	4
156	Weak Microbial Metabolites: a Treasure Trove for Using Biomimicry to Discover and Optimize Drugs. <i>Molecular Pharmacology</i> , 2020 , 98, 343-349	4.3	2
155	Imbalance in the antioxidant defence system and pro-genotoxic status induced by high glucose concentrations: In vitro testing in human liver cells. <i>Toxicology in Vitro</i> , 2020 , 69, 105001	3.6	1

154	Nrf2-modulation by seleno-hormetic agents and its potential for radiation protection. <i>BioFactors</i> , 2020 , 46, 239-245	6.1	8
153	Vitamin E: metabolism and molecular aspects 2020 , 487-518		3
152	Vitamin E: nutritional aspects 2020 , 447-485		4
151	Excitotoxicity, neuroinflammation and oxidant stress as molecular bases of epileptogenesis and epilepsy-derived neurodegeneration: The role of vitamin E. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019 , 1865, 1098-1112	6.9	55
150	Lipidomic biomarkers and mechanisms of lipotoxicity in non-alcoholic fatty liver disease. <i>Free Radical Biology and Medicine</i> , 2019 , 144, 293-309	7.8	63
149	A seleno-hormetine protects bone marrow hematopoietic cells against ionizing radiation-induced toxicities. <i>PLoS ONE</i> , 2019 , 14, e0205626	3.7	8
148	LC-MS/MS assay for the simultaneous determination of tocopherols, polyunsaturated fatty acids and their metabolites in human plasma and serum. <i>Free Radical Biology and Medicine</i> , 2019 , 144, 134-143	7.8	12
147	Melatonin prevents cadmium-induced bone damage: First evidence on an improved osteogenic/adipogenic differentiation balance of mesenchymal stem cells as underlying mechanism. <i>Journal of Pineal Research</i> , 2019 , 67, e12597	10.4	25
146	Vitamin e-loaded membrane dialyzers reduce hemodialysis inflammaging. <i>BMC Nephrology</i> , 2019 , 20, 412	2.7	11
145	CHAPTER 15:Analysis of Vitamin E Metabolites. <i>Food Chemistry, Function and Analysis</i> , 2019 , 208-227	0.6	2
144	Co-crystal structure determination and cellular evaluation of 1,4-dihydropyrazolo[4,3-c] [1,2] benzothiazine 5,5-dioxide p38MAPK inhibitors. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 511, 579-586	3.4	3
143	Nutritional and lipidomics biomarkers of docosahexaenoic acid-based multivitamin therapy in pediatric NASH. <i>Scientific Reports</i> , 2019 , 9, 2045	4.9	27
142	Glutathione compartmentalization and its role in glutathionylation and other regulatory processes of cellular pathways. <i>BioFactors</i> , 2019 , 45, 152-168	6.1	49
141	Increased plasma levels of the lipoperoxyl radical-derived vitamin E metabolite 6-tocopheryl quinone are an early indicator of lipotoxicity in fatty liver subjects. <i>Free Radical Biology and Medicine</i> , 2019 , 131, 115-125	7.8	20
140	Targeting glutathione S-transferase P and its interactome with selenium compounds in cancer therapy. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019 , 1863, 130-143	4	21
139	Neurobiological Correlates of Alpha-Tocopherol Antiepileptogenic Effects and MicroRNA Expression Modulation in a Rat Model of Kainate-Induced Seizures. <i>Molecular Neurobiology</i> , 2018 , 55, 7822-7838	6.2	17
138	The Potential Role of Toll-Like Receptor 4 in Mediating Dopaminergic Cell Loss and Alpha-Synuclein Expression in the Acute MPTP Mouse Model of Parkinson's Disease. <i>Journal of Molecular Neuroscience</i> , 2018 , 64, 611-618	3.3	19
137	Long-Chain Metabolites of Vitamin E: Metabolic Activation as a General Concept for Lipid-Soluble Vitamins?. <i>Antioxidants</i> , 2018 , 7,	7.1	32

136	Long-chain metabolites of vitamin E: Interference with lipotoxicity via lipid droplet associated protein PLIN2. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018 , 1863, 919-927	5	11
135	Nrf2-p62 autophagy pathway and its response to oxidative stress in hepatocellular carcinoma. <i>Translational Research</i> , 2018 , 193, 54-71	11	98
134	Physical Activity Modulates the Overexpression of the Inflammatory miR-146a-5p in Obese Patients. <i>IUBMB Life</i> , 2018 , 70, 1012-1022	4.7	17
133	From Oxidative Stress Damage to Pathways, Networks, and Autophagy via MicroRNAs. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 4968321	6.7	55
132	Determination of tocopherols and their metabolites by liquid-chromatography coupled with tandem mass spectrometry in human plasma and serum. <i>Talanta</i> , 2017 , 170, 552-561	6.2	33
131	Effects of Vitamin E-Coated versus Conventional Membranes in Chronic Hemodialysis Patients: A Systematic Review and Meta-Analysis. <i>Blood Purification</i> , 2017 , 43, 101-122	3.1	28
130	Nonalcoholic fatty liver disease impairs the cytochrome P-450-dependent metabolism of Tocopherol (vitamin E). <i>Journal of Nutritional Biochemistry</i> , 2017 , 47, 120-131	6.3	27
129	CYP4F2 repression and a modified alpha-tocopherol (vitamin E) metabolism are two independent consequences of ethanol toxicity in human hepatocytes. <i>Toxicology in Vitro</i> , 2017 , 40, 124-133	3.6	10
128	Structure-Function Relationship Studies In Vitro Reveal Distinct and Specific Effects of Long-Chain Metabolites of Vitamin E. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1700562	5.9	19
127	Evaluation of the Impact of a New Synthetic Vitamin E-Bonded Membrane on the Hypo-Responsiveness to the Erythropoietin Therapy in Hemodialysis Patients: A Multicenter Study. <i>Blood Purification</i> , 2017 , 43, 338-345	3.1	14
126	Vitamin E: Emerging aspects and new directions. <i>Free Radical Biology and Medicine</i> , 2017 , 102, 16-36	7.8	230
125	Nutrigenomics of extra-virgin olive oil: A review. <i>BioFactors</i> , 2017 , 43, 17-41	6.1	117
124	Vitamin K plasma levels determination in human health. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 789-799	5.9	57
123	Selenium and Cancer Stem Cells. <i>Advances in Cancer Research</i> , 2017 , 136, 235-257	5.9	14
122	Selenocompounds in Cancer Therapy: An Overview. <i>Advances in Cancer Research</i> , 2017 , 136, 259-302	5.9	58
121	Erythrocyte Glutathione Transferase as a Biomarker in Kidney Health and Disease 2016 , 577-598		3
120	Analytical strategies to assess the functional metabolome of vitamin E. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 124, 399-412	3.5	35
119	The functional interactome of GSTP: A regulatory biomolecular network at the interface with the Nrf2 adaption response to oxidative stress. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016 , 1019, 29-44	3.2	39

118	Complement and Cardiovascular Disease - The Missing Link in Haemodialysis Patients?. <i>Nephron</i> , 2016 , 134, 103	3.3	2
117	α-Tocopherol and Hippocampal Neural Plasticity in Physiological and Pathological Conditions. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	18
116	Free Radical-derived Oxysterols: Novel Adipokines Modulating Adipogenic Differentiation of Adipose Precursor Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 4974-4983	5.6	17
115	Gas chromatography-mass spectrometry microanalysis of alpha- and gamma-tocopherol in plasma and whole blood. <i>Clinica Chimica Acta</i> , 2015 , 446, 156-62	6.2	8
114	Glutathione S-transferase pi expression regulates the Nrf2-dependent response to hormetic diselenides. <i>Free Radical Biology and Medicine</i> , 2015 , 88, 466-480	7.8	58
113	Reaction kinetics and targeting to cellular glutathione S-transferase of the glutathione peroxidase mimetic PhSeZnCl and its D,L-poly lactide microparticle formulation. <i>Free Radical Biology and Medicine</i> , 2015 , 78, 56-65	7.8	33
112	α-Tocopherol long-chain metabolite α-13-oxo-20-hydroxy-20:3 n-7 fatty acid affects the inflammatory response of lipopolysaccharide-activated murine RAW264.7 macrophages. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 1524-34	5.9	45
111	Human serum determination and in vitro anti-inflammatory activity of the vitamin E metabolite α-(13-hydroxy)-6-hydroxychromanol. <i>Free Radical Biology and Medicine</i> , 2015 , 89, 952-62	7.8	31
110	Erythrocyte Glutathione Transferase as a Biomarker in Kidney Health and Disease 2015 , 1-22		1
109	Post-seizure α-Tocopherol treatment decreases neuroinflammation and neuronal degeneration induced by status epilepticus in rat hippocampus. <i>Molecular Neurobiology</i> , 2014 , 50, 246-56	6.2	36
108	Regulatory metabolites of vitamin E and their putative relevance for atherogenesis. <i>Redox Biology</i> , 2014 , 2, 495-503	11.3	60
107	Microparticle-loaded neonatal porcine Sertoli cells for cell-based therapeutic and drug delivery system. <i>Journal of Controlled Release</i> , 2014 , 192, 249-61	11.7	11
106	Long-chain metabolites of α-Tocopherol occur in human serum and inhibit macrophage foam cell formation in vitro. <i>Free Radical Biology and Medicine</i> , 2014 , 68, 43-51	7.8	47
105	Maternal dietary loads of alpha-tocopherol increase synapse density and glial synaptic coverage in the hippocampus of adult offspring. <i>European Journal of Histochemistry</i> , 2014 , 58, 2355	2.1	9
104	Blood thiol status and erythrocyte glutathione-S-transferase in chronic kidney disease patients on treatment with frequent (daily) hemodialysis. <i>Free Radical Research</i> , 2014 , 48, 273-81	4	20
103	Aconitase post-translational modification as a key in linkage between Krebs cycle, iron homeostasis, redox signaling, and metabolism of reactive oxygen species. <i>Redox Report</i> , 2014 , 19, 8-15	5.9	94
102	Melatonin regulates mesenchymal stem cell differentiation: a review. <i>Journal of Pineal Research</i> , 2014 , 56, 382-97	10.4	115
101	Regulation of inflammatory pathways by an α-tocopherol long-chain metabolite and a d-tocotrienol-related natural compound. <i>Free Radical Biology and Medicine</i> , 2014 , 75 Suppl 1, S48	7.8	6

100	Introduction to Oxidative Stress and Antioxidant Therapy in Respiratory Disorder. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2014 , 1-26		
99	Mitochondrial-dependent anticancer activity of β -tocotrienol and its synthetic derivatives in HER-2/neu overexpressing breast adenocarcinoma cells. <i>BioFactors</i> , 2013 , 39, 485-93	6.1	20
98	Selenium Containing Compounds from Poison to Drug Candidates: A Review on the GPx-like Activity. <i>Current Chemical Biology</i> , 2013 , 7, 25-36	0.4	74
97	Effect of annatto-tocotrienols supplementation on the development of mammary tumors in HER-2/neu transgenic mice. <i>Carcinogenesis</i> , 2013 , 34, 1352-60	4.6	58
96	Lipokines and oxysterols: novel adipose-derived lipid hormones linking adipose dysfunction and insulin resistance. <i>Free Radical Biology and Medicine</i> , 2013 , 65, 811-820	7.8	44
95	Tocopheramines and tocotrienamines as antioxidants: ESR spectroscopy, rapid kinetics and DFT calculations. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 5039-46	3.4	15
94	Oxidative stress and lipid peroxidation by-products at the crossroad between adipose organ dysregulation and obesity-linked insulin resistance. <i>Biochimie</i> , 2013 , 95, 585-94	4.6	78
93	Nondialyzable uremic toxins. <i>Blood Purification</i> , 2013 , 35 Suppl 2, 30-41	3.1	19
92	Thiols Oxidation for the Evaluation of Gpx-Like Activity. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2013 , 188, 507-508	1	5
91	Oxidation of thiols promoted by PhSeZnCl. <i>Tetrahedron Letters</i> , 2012 , 53, 232-234	2	56
90	Why tocotrienols work better: insights into the in vitro anti-cancer mechanism of vitamin E. <i>Genes and Nutrition</i> , 2012 , 7, 29-41	4.3	37
89	Vitamin E-derived copolymers continue the challenge to hemodialysis biomaterials. <i>World Journal of Nephrology</i> , 2012 , 1, 100-5	3.6	7
88	Vitamin K, vertebral fractures, vascular calcifications, and mortality: Vitamin K Italian (VIKI) dialysis study. <i>Journal of Bone and Mineral Research</i> , 2012 , 27, 2271-8	6.3	100
87	Evaluation of the impact of a new synthetic vitamin E-bonded membrane on anemia and rHuEPO requirement in ESRD patients with central venous catheters: a pilot study. <i>International Urology and Nephrology</i> , 2012 , 44, 1493-500	2.3	14
86	Oxidative stress and antioxidant therapy in cystic fibrosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012 , 1822, 690-713	6.9	140
85	Inhibition of NF- κ B nuclear translocation via HO-1 activation underlies β -tocopheryl succinate toxicity. <i>Journal of Nutritional Biochemistry</i> , 2012 , 23, 1583-91	6.3	113
84	Erythrocyte glutathione transferase: a new biomarker for hemodialysis adequacy, overcoming the Kt/V(urea) dogma?. <i>Cell Death and Disease</i> , 2012 , 3, e377	9.8	22
83	Erythrocyte glutathione transferase: a potential new biomarker in chronic kidney diseases which correlates with plasma homocysteine. <i>Amino Acids</i> , 2012 , 43, 347-54	3.5	32

82	Vitamin E as a functional and biocompatibility modifier of synthetic hemodialyzer membranes: an overview of the literature on vitamin E-modified hemodialyzer membranes. <i>American Journal of Nephrology</i> , 2012 , 35, 559-72	4.6	29
81	α-Tocotrienol 2012 , 117-134		1
80	Circulating levels and dietary intake of the advanced glycation end-product marker carboxymethyl lysine in chronic kidney disease patients on conservative predialysis therapy: a pilot study. <i>Journal of Renal Nutrition</i> , 2011 , 21, 329-39	3	30
79	Dietary supplementation with α-tocopherol reduces neuroinflammation and neuronal degeneration in the rat brain after kainic acid-induced status epilepticus. <i>Free Radical Research</i> , 2011 , 45, 1136-42	4	37
78	Oxidative stress and inflammation: Implications in uremia and hemodialysis. <i>Clinical Biochemistry</i> , 2011 , 44, 1189-98	3.5	112
77	Review of the Effectiveness of Cellulose- and Polysulfone-Based Vitamin E-Bonded Dialysis Membranes 2011 ,		2
76	Predicting microRNA modulation in human prostate cancer using a simple String IDentifier (SID1.0). <i>Journal of Biomedical Informatics</i> , 2011 , 44, 615-20	10.2	18
75	Tocotrienamines and tocopheramines: reactions with radicals and metal ions. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 6483-91	3.4	10
74	Plasma nitroproteome of kidney disease patients. <i>Amino Acids</i> , 2011 , 40, 653-67	3.5	36
73	Novel soy germ pasta improves endothelial function, blood pressure, and oxidative stress in patients with type 2 diabetes. <i>Diabetes Care</i> , 2011 , 34, 1946-8	14.6	44
72	Vitamin K, bone fractures, and vascular calcifications in chronic kidney disease: an important but poorly studied relationship. <i>Journal of Endocrinological Investigation</i> , 2011 , 34, 317-23	5.2	52
71	Maternal dietary loads of α-tocopherol depress protein kinase C signaling and synaptic plasticity in rat postnatal developing hippocampus and promote permanent deficits in adult offspring. <i>Journal of Nutritional Biochemistry</i> , 2011 , 22, 60-70	6.3	25
70	On the antiatherogenic effects of vitamin E: the search for the Holy Grail. <i>Vascular Health and Risk Management</i> , 2010 , 6, 69-71; author reply 71	4.4	1
69	Effect of synthetic vitamin E-bonded membrane on responsiveness to erythropoiesis-stimulating agents in hemodialysis patients: a pilot study. <i>Nephron Clinical Practice</i> , 2010 , 115, c82-9		17
68	Melatonin signaling and cell protection function. <i>FASEB Journal</i> , 2010 , 24, 3603-24	0.9	250
67	Gamma- and delta-tocotrienols exert a more potent anticancer effect than alpha-tocopheryl succinate on breast cancer cell lines irrespective of HER-2/neu expression. <i>Life Sciences</i> , 2010 , 86, 668-75	6.8	59
66	Small intestinal bacterial overgrowth and warfarin dose requirement variability. <i>Thrombosis Research</i> , 2010 , 126, 12-7	8.2	19
65	Do statins cause myopathy by lowering vitamin E levels?. <i>Medical Hypotheses</i> , 2010 , 74, 707-9	3.8	10

64	Present trends in vitamin E research. <i>BioFactors</i> , 2010 , 36, 33-42	6.1	85
63	Anticancer activity of vitamin E-derived compounds in murine C6 glioma cells. <i>ChemMedChem</i> , 2010 , 5, 540-3	3.7	18
62	Vitamin E: a vitamin still awaiting the detection of its biological function. <i>Molecular Nutrition and Food Research</i> , 2010 , 54, 583-7	5.9	44
61	Association of cholesterol oxidation and abnormalities in fatty acid metabolism in cystic fibrosis. <i>American Journal of Clinical Nutrition</i> , 2009 , 90, 477-84	7	39
60	ERK MAPK activation mediates the antiapoptotic signaling of melatonin in UVB-stressed U937 cells. <i>Free Radical Biology and Medicine</i> , 2009 , 46, 339-51	7.8	85
59	Configuration of the vitamin E analogue garcinoic acid extracted from Garcinia Kola seeds. <i>Chirality</i> , 2009 , 21, 519-24	2.1	46
58	Quantitative identification of protein nitration sites. <i>Proteomics</i> , 2009 , 9, 1524-37	4.8	44
57	Analysis method and characterization of the antioxidant capacity of vitamin E-interactive polysulfone hemodialyzers. <i>Acta Biomaterialia</i> , 2009 , 5, 2974-82	10.8	24
56	Oxidative Stress in Acute Kidney Injury and Sepsis 2009 , 192-197		3
55	Loss of phospholipid asymmetry and elevated brain apoptotic protein levels in subjects with amnesic mild cognitive impairment and Alzheimer disease. <i>Neurobiology of Disease</i> , 2008 , 29, 456-64	7.5	82
54	Effects of tocopherols and 2,2-carboxyethyl hydroxychromans on phorbol-ester-stimulated neutrophils. <i>Journal of Nutritional Biochemistry</i> , 2008 , 19, 320-7	6.3	22
53	Protein levels and activity of some antioxidant enzymes in hippocampus of subjects with amnesic mild cognitive impairment. <i>Neurochemical Research</i> , 2008 , 33, 2540-6	4.6	84
52	Focus on cyclo(His-Pro): history and perspectives as antioxidant peptide. <i>Amino Acids</i> , 2008 , 35, 283-9	3.5	43
51	Vitamin E biotransformation in humans. <i>Vitamins and Hormones</i> , 2007 , 76, 263-80	2.5	31
50	Vitamin E biochemistry and function: a case study in male rabbit. <i>Reproduction in Domestic Animals</i> , 2007 , 42, 248-56	1.6	22
49	Membrane rafts and redox therapies in cancer: a commentary on "Radioresistance of human carcinoma cells is correlated to a defect in raft membrane clustering". <i>Free Radical Biology and Medicine</i> , 2007 , 43, 678-80	7.8	4
48	How the hindgut can cure type 2 diabetes. Ileal transposition improves glucose metabolism and beta-cell function in Goto-kakizaki rats through an enhanced Proglucagon gene expression and L-cell number. <i>Surgery</i> , 2007 , 142, 74-85	3.6	137
47	Oxidatively-modified and glycated proteins as candidate pro-inflammatory toxins in uremia and dialysis patients. <i>Amino Acids</i> , 2007 , 32, 573-92	3.5	27

46	Effect of the super-flux cellulose triacetate dialyser membrane on the removal of non-protein-bound and protein-bound uraemic solutes. <i>Nephrology Dialysis Transplantation</i> , 2007 , 22, 2006-12	4.3	78
45	Interactions of polyphenolic compounds with drug disposition and metabolism. <i>Current Drug Metabolism</i> , 2007 , 8, 830-8	3.5	30
44	Protein damage and inflammation in uraemia and dialysis patients. <i>Nephrology Dialysis Transplantation</i> , 2007 , 22 Suppl 5, v20-36	4.3	66
43	Antiproliferative effects of tocopherols (vitamin E) on murine glioma C6 cells: homologue-specific control of PKC/ERK and cyclin signaling. <i>Free Radical Biology and Medicine</i> , 2006 , 41, 464-72	7.8	51
42	Vitamin E Metabolites: Synthesis of [D2]- and [D3]-ECEHC. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 5588-5593	3.2	14
41	Oxidant and carbonyl stress-related apoptosis in end-stage kidney disease: impact of membrane flux. <i>Blood Purification</i> , 2006 , 24, 149-56	3.1	27
40	Role of vitamin E-coated membrane in reducing advanced glycation end products in hemodialysis patients: a pilot study. <i>Blood Purification</i> , 2006 , 24, 369-76	3.1	34
39	Oxidative stress and reactive oxygen species. <i>Contributions To Nephrology</i> , 2005 , 149, 240-260	1.6	132
38	A new method for the liquid chromatography analysis of methylated arginines in biological fluids and tissues by o-phthaldialdehyde postcolumn derivatization. <i>Analytical Biochemistry</i> , 2005 , 338, 347-9	3.1	6
37	Early improvement of glucose tolerance after ileal transposition in a non-obese type 2 diabetes rat model. <i>Obesity Surgery</i> , 2005 , 15, 1258-64	3.7	122
36	Glycoxidation and inflammatory markers in patients on treatment with PMMA-based protein-leaking dialyzers. <i>Kidney International</i> , 2005 , 67, 750-9	9.9	41
35	Extracorporeal blood oxygenation and ozonation: clinical and biological implications of ozone therapy. <i>Redox Report</i> , 2005 , 10, 121-30	5.9	22
34	Vitamin E-loaded dialyzer resets PBMC-operated cytokine network in dialysis patients. <i>Kidney International</i> , 2004 , 65, 1473-81	9.9	31
33	Accumulation of vitamin E metabolites in the blood of renal failure patients. <i>Clinical Nutrition</i> , 2004 , 23, 205-12	5.9	42
32	Vitamin E in uremia and dialysis patients. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1031, 348-56	6.5	17
31	Gamma-tocotrienol metabolism and antiproliferative effect in prostate cancer cells. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1031, 391-4	6.5	56
30	The effect of alpha- and gamma-tocopherol and their carboxyethyl hydroxychroman metabolites on prostate cancer cell proliferation. <i>Archives of Biochemistry and Biophysics</i> , 2004 , 423, 97-102	4.1	97
29	A comparison between the antioxidant and peroxynitrite-scavenging functions of the vitamin E metabolites alpha- and gamma-carboxyethyl-6-hydroxychromans. <i>International Journal for Vitamin and Nutrition Research</i> , 2004 , 74, 362-73	1.7	16

28	Relevance of protein nitration in brain injury: a key pathophysiological mechanism in neurodegenerative, autoimmune, or inflammatory CNS diseases and stroke. <i>Amino Acids</i> , 2003 , 25, 427-36	3.5	43
27	Redox regulation of heat shock protein expression in aging and neurodegenerative disorders associated with oxidative stress: a nutritional approach. <i>Amino Acids</i> , 2003 , 25, 437-44	3.5	146
26	Peroxynitrite-induced oxidation of plasma lipids is enhanced in stable hemodialysis patients. <i>Kidney International</i> , 2003 , 63, 2207-13	9.9	33
25	The effect of PMMA-based protein-leaking dialyzers on plasma homocysteine levels. <i>Kidney International</i> , 2003 , 64, 748-55	9.9	51
24	Longitudinal study of apoptosis in chronic uremic patients. <i>Seminars in Dialysis</i> , 2003 , 16, 467-73	2.5	17
23	gamma-Tocopherol biokinetics and transformation in humans. <i>Free Radical Research</i> , 2003 , 37, 1225-33	4	33
22	Mononuclear leukocyte apoptosis in haemodialysis patients: the role of cell thiols and vitamin E. <i>Nephrology Dialysis Transplantation</i> , 2003 , 18, 1592-600	4.3	24
21	γ-Tocopherol Metabolism and Its Relationship with α-Tocopherol in Humans 2003 ,		1
20	Effects of erythropoietin and vitamin E-modified membrane on plasma oxidative stress markers and anemia of hemodialyzed patients. <i>American Journal of Kidney Diseases</i> , 2002 , 40, 590-9	7.4	61
19	Gas chromatography mass spectrometry analysis of carboxyethyl-hydroxychroman metabolites of alpha- and gamma-tocopherol in human plasma. <i>Free Radical Biology and Medicine</i> , 2002 , 32, 333-40	7.8	70
18	Daily haemodialysis improves indices of protein glycation. <i>Nephrology Dialysis Transplantation</i> , 2002 , 17, 871-8	4.3	35
17	Vitamin E-modified dialyzers. <i>Contributions To Nephrology</i> , 2002 , 137, 95-105	1.6	12
16	Protein thiols and glutathione influence the nitric oxide-dependent regulation of the red blood cell metabolism. <i>Nitric Oxide - Biology and Chemistry</i> , 2002 , 6, 186-99	5	37
15	Polymeric protein-polyamine conjugates: a new class of uremic toxins affecting erythropoiesis. <i>Kidney International</i> , 2001 , 78, S73-6	9.9	12
14	Vitamin E, lipid profile, and peroxidation in hemodialysis patients. <i>Kidney International</i> , 2001 , 78, S148-54	9.9	34
13	gamma-Tocopherol metabolism and its relationship with alpha-tocopherol in humans: a stable isotope supplementation study. <i>BioFactors</i> , 2001 , 15, 65-9	6.1	17
12	Vitamin E, lipid profile, and peroxidation in hemodialysis patients. <i>Kidney International</i> , 2001 , 59, 148-154	9.9	30
11	Polymeric protein-polyamine conjugates: A new class of uremic toxins affecting erythropoiesis. <i>Kidney International</i> , 2001 , 59, 73-76	9.9	14

10	H ₂ O ₂ -induced block of glycolysis as an active ADP-ribosylation reaction protecting cells from apoptosis. <i>FASEB Journal</i> , 2000 , 14, 2266-76	0.9	130
9	Overexpression of Erythrocyte Glutathione S-Transferase in Uremia and Dialysis. <i>Clinical Chemistry</i> , 1999 , 45, 1781-1788	5.5	64
8	Biological effects of oxidant stress in haemodialysis: the possible roles of vitamin E. <i>Blood Purification</i> , 1999 , 17, 79-94	3.1	58
7	Bioreactivity and biocompatibility of a vitamin E-modified multi-layer hemodialysis filter. <i>Kidney International</i> , 1998 , 54, 580-9	9.9	79
6	S-nitrosylation of glyceraldehyde-3-phosphate dehydrogenase decreases the enzyme affinity to the erythrocyte membrane. <i>Nitric Oxide - Biology and Chemistry</i> , 1998 , 2, 17-27	5	30
5	Oxidative damage during hemodialysis using a vitamin-E-modified dialysis membrane: a preliminary characterization. <i>Nephron</i> , 1997 , 77, 57-61		33
4	Lipoperoxidation and glutathione-dependent enzymes in uremic anemia of CAPD patients. <i>Nephron</i> , 1997 , 76, 363		4
3	Redox state, antioxidative activity and lipid peroxidation in erythrocytes and plasma of chronic ambulatory peritoneal dialysis patients. <i>Clinica Chimica Acta</i> , 1995 , 234, 127-36	6.2	60
2	Erythrocyte redox state in uremic anemia: effects of hemodialysis and relevance of glutathione metabolism. <i>Acta Haematologica</i> , 1994 , 91, 187-93	2.7	65
1	Erythrocyte Na ⁺ ,K ⁽⁺⁾ -ATPase properties and adenylate energy charge in normotensives and in essential hypertensives. <i>Clinica Chimica Acta</i> , 1994 , 224, 167-79	6.2	10