

Ramón Rodrigo

List of Publications by Year in descending order

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91
papers

5,296
citations

109321

35
h-index

88630

70
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92
all docs

92
docs citations

92
times ranked

7984
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative Stress and Pathophysiology of Ischemic Stroke: Novel Therapeutic Opportunities. <i>CNS and Neurological Disorders - Drug Targets</i> , 2013, 12, 698-714.	1.4	487
2	Oxidative stress-related parameters in the liver of non-alcoholic fatty liver disease patients. <i>Clinical Science</i> , 2004, 106, 261-268.	4.3	426
3	The role of oxidative stress in the pathophysiology of hypertension. <i>Hypertension Research</i> , 2011, 34, 431-440.	2.7	317
4	Pathophysiology of Ischemic Stroke: Role of Oxidative Stress. <i>Current Pharmaceutical Design</i> , 2020, 26, 4246-4260.	1.9	236
5	Modulation of endogenous antioxidant system by wine polyphenols in human disease. <i>Clinica Chimica Acta</i> , 2011, 412, 410-424.	1.1	234
6	Oxidative stress and depletion of hepatic long-chain polyunsaturated fatty acids may contribute to nonalcoholic fatty liver disease. <i>Free Radical Biology and Medicine</i> , 2004, 37, 1499-1507.	2.9	215
7	Relationship between Oxidative Stress and Essential Hypertension. <i>Hypertension Research</i> , 2007, 30, 1159-1167.	2.7	194
8	Oxidative Stress-Related Biomarkers in Essential Hypertension and Ischemia-Reperfusion Myocardial Damage. <i>Disease Markers</i> , 2013, 35, 773-790.	1.3	174
9	Essential hypertension and oxidative stress: New insights. <i>World Journal of Cardiology</i> , 2014, 6, 353.	1.5	167
10	Renal damage mediated by oxidative stress: a hypothesis of protective effects of red wine. <i>Free Radical Biology and Medicine</i> , 2002, 33, 409-422.	2.9	129
11	A Randomized Controlled Trial to Prevent Post-Operative Atrial Fibrillation by Antioxidant Reinforcement. <i>Journal of the American College of Cardiology</i> , 2013, 62, 1457-1465.	2.8	127
12	Screening test for preeclampsia through assessment of uteroplacental blood flow and biochemical markers of oxidative stress and endothelial dysfunction. <i>American Journal of Obstetrics and Gynecology</i> , 2005, 193, 1486-1491.	1.3	126
13	Myocardial reperfusion injury and oxidative stress: Therapeutic opportunities. <i>World Journal of Cardiology</i> , 2018, 10, 74-86.	1.5	123
14	Oxidative stress and protective effects of polyphenols: Comparative studies in human and rodent kidney. A review. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2006, 142, 317-327.	2.6	122
15	Decrease in oxidative stress through supplementation of vitamins C and E is associated with a reduction in blood pressure in patients with essential hypertension. <i>Clinical Science</i> , 2008, 114, 625-634.	4.3	111
16	Polyunsaturated Fatty Acid Pattern in Liver and Erythrocyte Phospholipids from Obese Patients. <i>Obesity</i> , 2007, 15, 24-31.	3.0	109
17	Clinical pharmacology and therapeutic use of antioxidant vitamins. <i>Fundamental and Clinical Pharmacology</i> , 2007, 21, 111-127.	1.9	101
18	Cardioprotection against ischaemia/reperfusion by vitamins C and E plus ω -3 fatty acids: molecular mechanisms and potential clinical applications. <i>Clinical Science</i> , 2013, 124, 1-15.	4.3	96

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19	Cardiovascular Disease: A Target for the Pharmacological Effects of Quercetin. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 1735-1742.	2.1	83
20	Targeting Ferroptosis against Ischemia/Reperfusion Cardiac Injury. <i>Antioxidants</i> , 2021, 10, 667.	5.1	81
21	Homocysteine and Essential Hypertension. <i>Journal of Clinical Pharmacology</i> , 2003, 43, 1299-1306.	2.0	75
22	Implications of Oxidative Stress and Homocysteine in the Pathophysiology of Essential Hypertension. <i>Journal of Cardiovascular Pharmacology</i> , 2003, 42, 453-461.	1.9	71
23	Relationship between (Na ⁺ /K ⁺)-ATPase activity, lipid peroxidation and fatty acid profile in erythrocytes of hypertensive and normotensive subjects. <i>Molecular and Cellular Biochemistry</i> , 2007, 303, 73-81.	3.1	68
24	Rat kidney antioxidant response to long-term exposure to flavonol rich red wine. <i>Life Sciences</i> , 2002, 71, 2881-2895.	4.3	66
25	Antioxidant Therapy Reduces Oxidative and Inflammatory Tissue Damage in Patients Subjected to Cardiac Surgery with Extracorporeal Circulation. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2011, 108, 256-262.	2.5	59
26	Antihypertensive Role of Polyphenols. <i>Advances in Clinical Chemistry</i> , 2012, 58, 225-254.	3.7	57
27	Novel Therapeutic Strategies for Traumatic Brain Injury: Acute Antioxidant Reinforcement. <i>CNS Drugs</i> , 2014, 28, 229-248.	5.9	55
28	Effect of Carvedilol and Nebivolol on Oxidative Stress-related Parameters and Endothelial Function in Patients with Essential Hypertension. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2012, 111, 309-316.	2.5	52
29	Molecular Basis of Cardioprotective Effect of Antioxidant Vitamins in Myocardial Infarction. <i>BioMed Research International</i> , 2013, 2013, 1-15.	1.9	52
30	Prevention of atrial fibrillation following cardiac surgery: Basis for a novel therapeutic strategy based on non-hypoxic myocardial preconditioning. , 2008, 118, 104-127.		50
31	Use of vitamins C and E as a prophylactic therapy to prevent postoperative atrial fibrillation. <i>International Journal of Cardiology</i> , 2010, 138, 221-228.	1.7	50
32	Oxidative stress as a novel target in pediatric sepsis management. <i>Journal of Critical Care</i> , 2011, 26, 103.e1-103.e7.	2.2	48
33	Red wine raises plasma HDL and preserves long-chain polyunsaturated fatty acids in rat kidney and erythrocytes. <i>British Journal of Nutrition</i> , 2001, 86, 189-195.	2.3	45
34	Changes in (Na + K)-Adenosine Triphosphatase Activity and Ultrastructure of Lung and Kidney Associated With Oxidative Stress Induced by Acute Ethanol Intoxication. <i>Chest</i> , 2002, 121, 589-596.	0.8	43
35	Pathophysiological basis for the prophylaxis of preeclampsia through early supplementation with antioxidant vitamins. , 2005, 107, 177-197.		42
36	Polyphenols in Disease: from Diet to Supplements. <i>Current Pharmaceutical Biotechnology</i> , 2014, 15, 304-317.	1.6	42

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37	Potential Role of Polyphenols in the Prevention of Cardiovascular Diseases: Molecular Bases. <i>Current Medicinal Chemistry</i> , 2016, 23, 115-128.	2.4	41
38	Prevention of Postoperative Atrial Fibrillation: Novel and Safe Strategy Based on the Modulation of the Antioxidant System. <i>Frontiers in Physiology</i> , 2012, 3, 93.	2.8	36
39	Effects of Chronic Ethanol Consumption on Extramitochondrial Fatty Acid Oxidation and Ethanol Metabolism by Rat Kidney. <i>General Pharmacology</i> , 1998, 30, 719-723.	0.7	34
40	Amelioration of myoglobinuric renal damage in rats by chronic exposure to flavonol-rich red wine. <i>Nephrology Dialysis Transplantation</i> , 2004, 19, 2237-2244.	0.7	34
41	Diminution of tissue lipid peroxidation in rats is related to the in vitro antioxidant capacity of wine. <i>Life Sciences</i> , 2005, 76, 889-900.	4.3	32
42	Novel relationships between oxidative stress and angiogenesis-related factors in sepsis: New biomarkers and therapies. <i>Annals of Medicine</i> , 2015, 47, 289-300.	3.8	31
43	Ageing improves the antioxidant response against postoperative atrial fibrillation: a randomized controlled trial. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2012, 15, 209-214.	1.1	28
44	Modulation of (Na,K)-ATPase activity by membrane fatty acid composition: therapeutic implications in human hypertension. <i>Clinical and Experimental Hypertension</i> , 2014, 36, 17-26.	1.3	28
45	Implications of oxidative stress in the pathophysiology of obstructive uropathy. <i>Urological Research</i> , 2009, 37, 19-26.	1.5	27
46	The effectiveness of antioxidant vitamins C and E in reducing myocardial infarct size in patients subjected to percutaneous coronary angioplasty (PREVEC Trial): study protocol for a pilot randomized double-blind controlled trial. <i>Trials</i> , 2014, 15, 192.	1.6	27
47	Consumption of fruits and vegetables and cardiovascular mortality in renal transplant recipients: a prospective cohort study. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, 357-365.	0.7	25
48	Oxidative damage to pre-eclamptic placenta: immunohistochemical expression of VEGF, nitrotyrosine residues and von Willebrand factor. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012, 25, 2339-2345.	1.5	23
49	Contribution of oxidative stress in the mechanisms of postoperative complications and multiple organ dysfunction syndrome. <i>Redox Report</i> , 2021, 26, 35-44.	4.5	23
50	Biochemical and Ultrastructural Lung Damage Induced by Rhabdomyolysis in the Rat. <i>Experimental Biology and Medicine</i> , 2006, 231, 1430-1438.	2.4	22
51	Amelioration of persistent left ventricular function impairment through increased plasma ascorbate levels following myocardial infarction. <i>Redox Report</i> , 2016, 21, 75-83.	4.5	22
52	Joint Cardioprotective Effect of Vitamin C and Other Antioxidants against Reperfusion Injury in Patients with Acute Myocardial Infarction Undergoing Percutaneous Coronary Intervention. <i>Molecules</i> , 2021, 26, 5702.	3.8	21
53	Immunohistochemical expression of von Willebrand factor in the preeclamptic placenta. <i>Journal of Molecular Histology</i> , 2011, 42, 459-465.	2.2	19
54	Plasma cadmium is associated with increased risk of long-term kidney graft failure. <i>Kidney International</i> , 2021, 99, 1213-1224.	5.2	18

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55	The Association of Ascorbic Acid, Deferoxamine and N-Acetylcysteine Improves Cardiac Fibroblast Viability and Cellular Function Associated with Tissue Repair Damaged by Simulated Ischemia/Reperfusion. <i>Antioxidants</i> , 2019, 8, 614.	5.1	17
56	Renal Effects of Experimental Obstructive Jaundice. <i>Archives of Medical Research</i> , 1999, 30, 275-285.	3.3	16
57	Effects of a novel ascorbate-based protocol on infarct size and ventricle function in acute myocardial infarction patients undergoing percutaneous coronary angioplasty. <i>Archives of Medical Science</i> , 2017, 3, 558-567.	0.9	16
58	Effect of chronic ethanol consumption on postnatal development of renal (Na + K)-ATPase in the rat. <i>Cell Biochemistry and Function</i> , 1991, 9, 215-222.	2.9	15
59	The effects of polyunsaturated fatty acids and antioxidant vitamins on atrial oxidative stress, nitrotyrosine residues, and connexins following extracorporeal circulation in patients undergoing cardiac surgery. <i>Molecular and Cellular Biochemistry</i> , 2017, 433, 27-40.	3.1	15
60	Antioxidant Cardioprotection against Reperfusion Injury: Potential Therapeutic Roles of Resveratrol and Quercetin. <i>Molecules</i> , 2022, 27, 2564.	3.8	14
61	Oxidative stress biomarkers in pediatric sepsis: a prospective observational pilot study. <i>Redox Report</i> , 2017, 22, 330-337.	4.5	13
62	Novel Combined Antioxidant Strategy against Hypertension, Acute Myocardial Infarction and Postoperative Atrial Fibrillation. <i>Biomedicines</i> , 2021, 9, 620.	3.2	13
63	Non-hypoxic preconditioning of myocardium against postoperative atrial fibrillation: Mechanism based on enhancement of the antioxidant defense system. <i>Medical Hypotheses</i> , 2007, 69, 1242-1248.	1.5	11
64	Effects of resistance training on oxidative stress-related biomarkers in metabolic diseases: a review. <i>Sport Sciences for Health</i> , 2018, 14, 1-7.	1.3	10
65	Circulating Arsenic is Associated with Long-Term Risk of Graft Failure in Kidney Transplant Recipients: A Prospective Cohort Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 417.	2.4	10
66	Improvement of a Novel Proposal for Antioxidant Treatment Against Brain Damage Occurring in Ischemic Stroke Patients. <i>CNS and Neurological Disorders - Drug Targets</i> , 2021, 20, 3-21.	1.4	10
67	Relationship between infarct size and serum uric acid levels during the acute phase of stroke. <i>PLoS ONE</i> , 2019, 14, e0219402.	2.5	9
68	Plasma Malondialdehyde and Risk of New-Onset Diabetes after Transplantation in Renal Transplant Recipients: A Prospective Cohort Study. <i>Journal of Clinical Medicine</i> , 2019, 8, 453.	2.4	9
69	Post-transplantation plasma malondialdehyde is associated with cardiovascular mortality in renal transplant recipients: a prospective cohort study. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, 512-519.	0.7	9
70	Circulating Advanced Glycation Endproducts and Long-Term Risk of Cardiovascular Mortality in Kidney Transplant Recipients. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2019, 14, 1512-1520.	4.5	8
71	Urinary Oxalate Excretion and Long-Term Outcomes in Kidney Transplant Recipients. <i>Journal of Clinical Medicine</i> , 2019, 8, 2104.	2.4	8
72	Galectin-3 and Risk of Late Graft Failure in Kidney Transplant Recipients: A 10-year Prospective Cohort Study. <i>Transplantation</i> , 2021, 105, 1106-1115.	1.0	8

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73	Role of Oxidative Stress in Renal Transplantation: Bases for an n-3 PUFA Strategy Against Delayed Graft Function. <i>Current Medicinal Chemistry</i> , 2017, 24, 1469-1485.	2.4	8
74	Ascorbate as a Bioactive Compound in Cancer Therapy: The Old Classic Strikes Back. <i>Molecules</i> , 2022, 27, 3818.	3.8	8
75	Plasma Lead Concentration and Risk of Late Kidney Allograft Failure: Findings From the TransplantLines Biobank and Cohort Studies. <i>American Journal of Kidney Diseases</i> , 2022, 80, 87-97.e1.	1.9	6
76	Effects of red wine consumption on kidney FA composition. <i>Lipids</i> , 2003, 38, 275-279.	1.7	5
77	Implications of Polyphenols on Endogenous Antioxidant Defense Systems in Human Diseases. , 2014, , 201-217.		5
78	Oxidative Stress and Essential Hypertension. , 2016, , .		5
79	Plasma Vitamin C and Cancer Mortality in Kidney Transplant Recipients. <i>Journal of Clinical Medicine</i> , 2019, 8, 2064.	2.4	5
80	Plasma Antioxidant Potential at Admission is Associated with Length of ICU Stay in Child with Sepsis: A Pilot Study. <i>Fetal and Pediatric Pathology</i> , 2018, 37, 348-358.	0.7	4
81	Serum uric acid is associated with increased risk of posttransplantation diabetes in kidney transplant recipients: a prospective cohort study. <i>Metabolism: Clinical and Experimental</i> , 2021, 116, 154465.	3.4	4
82	Modulation of Plant Endogenous Antioxidant Systems by Polyphenols. , 2014, , 65-85.		3
83	Fish Intake, Circulating Mercury and Mortality in Renal Transplant Recipients. <i>Nutrients</i> , 2018, 10, 1419.	4.1	3
84	Plasma versus Erythrocyte Vitamin E in Renal Transplant Recipients, and Duality of Tocopherol Species. <i>Nutrients</i> , 2019, 11, 2821.	4.1	2
85	Beneficial Effects of Chlorogenic Acids on Essential Hypertension. <i>International Journal of Food and Nutritional Science</i> , 2016, 3, 1-5.	0.4	2
86	Chronic ethanol exposure does not impair urinary acidification even under stressful conditions. <i>Medical Science Monitor</i> , 2005, 11, BR95-9.	1.1	1
87	Novel Antioxidant Therapy Against Myocardial Ischemiaâ€™ Reperfusion Injury During Percutaneous Coronary Angioplasty. , 0, , .		0
88	Autonomic imbalance in cardiac surgery: A potential determinant of the failure in remote ischemic preconditioning. <i>Medical Hypotheses</i> , 2018, 118, 146-150.	1.5	0
89	Duality of Tocopherol Isoforms and Novel Associations with Vitamins Involved in One-Carbon Metabolism: Results from an Elderly Sample of the LifeLines Cohort Study. <i>Nutrients</i> , 2020, 12, 580.	4.1	0
90	Plasma Vitamin C and Risk of Late Graft Failure in Kidney Transplant Recipients: Results of the TransplantLines Biobank and Cohort Study. <i>Antioxidants</i> , 2021, 10, 631.	5.1	0

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91	Role of Oxidative Stress in Hypertension. , 2014, , 199-245.		0