

# Mutay Aslan

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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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.

122  
papers

3,106  
citations

27  
h-index

52  
g-index

159  
ext. papers

3,498  
ext. citations

3.9  
avg, IF

5.07  
L-index

#	Paper	IF	Citations
122	Vortioxetine ameliorates motor and cognitive impairments in the rotenone-induced Parkinson's disease via targeting TLR-2 mediated neuroinflammation.. <i>Neuropharmacology</i> , <b>2022</b> , 208, 108977	5.5	0
121	The effect of chronic neuropeptide-S treatment on non-motor parameters in experimental model of Parkinson's disease. <i>International Journal of Neuroscience</i> , <b>2021</b> , 131, 765-774	2	5
120	Protective mechanism of Syringic acid in an experimental model of Parkinson's disease. <i>Metabolic Brain Disease</i> , <b>2021</b> , 36, 1003-1014	3.9	3
119	Polyunsaturated Fatty Acid and Sphingolipid Measurements by Tandem Mass Spectrometry. <i>Mini-Reviews in Organic Chemistry</i> , <b>2021</b> , 18, 3-10	1.7	
118	The investigation of the role of sirtuin-1 on embryo implantation in oxidative stress-induced mice. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2021</b> , 38, 2349-2361	3.4	1
117	Antiproliferative Effects of Thymoquinone in MCF-7 Breast and HepG2 Liver Cancer Cells: Possible Role of Ceramide and ER Stress. <i>Nutrition and Cancer</i> , <b>2021</b> , 73, 460-472	2.8	8
116	Evaluation of Preoperative and Postoperative S100 $\beta$ and NSE Levels in Liver Transplantation and Right Lobe Living-Donor Hepatectomy: A Prospective Cohort Study. <i>Transplantation Proceedings</i> , <b>2021</b> , 53, 16-24	1.1	
115	Organ function, sphingolipid levels and inflammation in tunicamycin induced endoplasmic reticulum stress in male rats. <i>Human and Experimental Toxicology</i> , <b>2021</b> , 40, 259-273	3.4	2
114	Alleviation of prilocaine-induced epileptiform activity and cardiotoxicity by thymoquinone. <i>DARU, Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 29, 85-99	3.9	3
113	Diclofenac down-regulates COX-2 induced expression of CD44 and ICAM-1 in human HT29 colorectal cancer cells. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2021</b> , 394, 2259-2272	3.4	0
112	Serum Levels of S100 $\beta$ Neuron-Specific Enolase, Glial Fibrillary Acidic Protein in Kidney Transplant Recipients and Donors: A Prospective Cohort Study. <i>Transplantation Proceedings</i> , <b>2021</b> , 53, 2227-2233	1.1	1
111	Metformin protects rotenone-induced dopaminergic neurodegeneration by reducing lipid peroxidation. <i>Pharmacological Reports</i> , <b>2020</b> , 72, 1397-1406	3.9	7
110	Plasma Ceramides and Sphingomyelins of Pediatric Patients Increase in Primary Ciliary Dyskinesia but Decrease in Cystic Fibrosis. <i>Lipids</i> , <b>2020</b> , 55, 213-223	1.6	1
109	Does ischemic preconditioning increase flap survival by ADORA2B receptor activation?. <i>Clinical Hemorheology and Microcirculation</i> , <b>2020</b> , 75, 151-162	2.5	1
108	Effect of ER stress on sphingolipid levels and apoptotic pathways in retinal pigment epithelial cells. <i>Redox Biology</i> , <b>2020</b> , 30, 101430	11.3	8
107	Increased PUFA levels in kidney epithelial cells in the course of diclofenac toxicity. <i>Toxicology in Vitro</i> , <b>2020</b> , 66, 104836	3.6	3
106	Knowledge, Attitudes And Behaviors Of Faculty Members On Childhood Vaccine Refusal A University. <i>European Journal of Public Health</i> , <b>2020</b> , 30,	2.1	1

105	The influence of syringic acid treatment on total dopamine levels of the hippocampus and on cognitive behavioral skills. <i>International Journal of Neuroscience</i> , <b>2020</b> , 1-9	2	2
104	Histopathological and biochemical assessment of a novel diagnostic method for ovarian torsion. <i>Biotechnic and Histochemistry</i> , <b>2020</b> , 95, 203-209	1.8	2
103	Effect of chronic L-carnitine supplementation on carnitine levels, oxidative stress and apoptotic markers in peripheral organs of adult Wistar rats. <i>Food and Chemical Toxicology</i> , <b>2019</b> , 134, 110851	4.7	10
102	Central neuropeptide-S treatment improves neurofunctions of 6-OHDA-induced Parkinsonian rats. <i>Experimental Neurology</i> , <b>2019</b> , 317, 78-86	5.7	11
101	Oxidative DNA Damage-Mediated Genomic Heterogeneity Is Regulated by NKX3.1 in Prostate Cancer. <i>Cancer Investigation</i> , <b>2019</b> , 37, 113-126	2.1	6
100	Protective effects of syringic acid on neurobehavioral deficits and hippocampal tissue damages induced by sub-chronic deltamethrin exposure. <i>Neurotoxicology and Teratology</i> , <b>2019</b> , 76, 106839	3.9	8
99	The effects of sulfite on cPLA, caspase-3, oxidative stress and locomotor activity in rats. <i>Food and Chemical Toxicology</i> , <b>2019</b> , 123, 453-458	4.7	7
98	Serum Sphingolipidomic Analysis in Acne Vulgaris Patients. <i>Annals of Clinical and Laboratory Science</i> , <b>2019</b> , 49, 242-248	0.9	3
97	Decreased Serum Levels of Sphingomyelins and Ceramides in Sickle Cell Disease Patients. <i>Lipids</i> , <b>2018</b> , 53, 313-322	1.6	11
96	Effect of 20-HETE inhibition on L-NAME-induced hypertension in rats. <i>Clinical and Experimental Hypertension</i> , <b>2018</b> , 40, 292-302	2.2	4
95	Effect of tauroursodeoxycholic acid on PUFA levels and inflammation in an animal and cell model of hepatic endoplasmic reticulum stress. <i>Human and Experimental Toxicology</i> , <b>2018</b> , 37, 803-816	3.4	8
94	DICLOFENAC INDUCED GASTROINTESTINAL AND RENAL TOXICITY IS REDUCED BY THYMOQUINONE TREATMENT. <i>Pathophysiology</i> , <b>2018</b> , 25, 242	1.8	
93	Early postoperative changes of sphingomyelins and ceramides after laparoscopic sleeve gastrectomy. <i>Lipids in Health and Disease</i> , <b>2018</b> , 17, 269	4.4	7
92	Diclofenac induced gastrointestinal and renal toxicity is alleviated by thymoquinone treatment. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 118, 795-804	4.7	33
91	Inhibition of neutral sphingomyelinase decreases elevated levels of nitrate and oxidative stress markers in liver ischemia-reperfusion injury. <i>Redox Report</i> , <b>2017</b> , 22, 147-159	5.9	16
90	Neutral sphingomyelinase inhibition alleviates apoptosis, but not ER stress, in liver ischemia-reperfusion injury. <i>Free Radical Research</i> , <b>2017</b> , 51, 253-268	4	16
89	The effect of ingested sulfite on active avoidance in normal and sulfite oxidase-deficient aged rats. <i>Toxicology Mechanisms and Methods</i> , <b>2017</b> , 27, 81-87	3.6	2
88	European contribution to the study of ROS: A summary of the findings and prospects for the future from the COST action BM1203 (EU-ROS). <i>Redox Biology</i> , <b>2017</b> , 13, 94-162	11.3	185

87	Decreased eicosapentaenoic acid levels in acne vulgaris reveals the presence of a proinflammatory state. <i>Prostaglandins and Other Lipid Mediators</i> , <b>2017</b> , 128-129, 1-7	3.7	5
86	The effect of oxytocin and Kisspeptin-10 in ovary and uterus of ischemia-reperfusion injured rats. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , <b>2017</b> , 56, 456-462	1.6	15
85	Plasma Polyunsaturated Fatty Acids After Weight Loss Surgery <b>2017</b> , 529-534		2
84	The effect of ingested sulfite on visual evoked potentials, lipid peroxidation, and antioxidant status of brain in normal and sulfite oxidase-deficient aged rats. <i>Toxicology and Industrial Health</i> , <b>2016</b> , 32, 1197-207	1.8	5
83	Pentoxifylline Alleviates Early Brain Injury in a Rat Model of Subarachnoid Hemorrhage. <i>Acta Neurochirurgica</i> , <b>2016</b> , 158, 1721-30	3	6
82	Response to Letter to the editor by Agilli et al. entitled Assessment of decreased serum paraoxonase activity in patients with rosacea in terms of methodology <i>Journal of the European Academy of Dermatology and Venereology</i> , <b>2016</b> , 30, 698-9	4.6	
81	Evaluation of blood neutrophil to lymphocyte and platelet to lymphocyte ratios according to plasma glucose status and serum insulin-like growth factor 1 levels in patients with acromegaly. <i>Human and Experimental Toxicology</i> , <b>2016</b> , 35, 608-12	3.4	3
80	Mass spectrometric quantification of urinary human liver fatty acid binding protein in renal transplant recipients. <i>Rapid Communications in Mass Spectrometry</i> , <b>2016</b> , 30, 603-10	2.2	0
79	Effect of magnesium supplementation on blood rheology in NOS inhibition-induced hypertension model. <i>Clinical Hemorheology and Microcirculation</i> , <b>2016</b> , 63, 57-67	2.5	2
78	Automated Cell-Based Quantitation of 8-OHdG Damage. <i>Methods in Molecular Biology</i> , <b>2016</b> , 1516, 299-308		1
77	Effects of magnesium supplementation on electrophysiological remodeling of cardiac myocytes in L-NAME induced hypertensive rats. <i>Journal of Bioenergetics and Biomembranes</i> , <b>2016</b> , 48, 425-36	3.7	9
76	Effects of pre- and postnatal exposure to extremely low-frequency electric fields on mismatch negativity component of the auditory event-related potentials: Relation to oxidative stress. <i>Electromagnetic Biology and Medicine</i> , <b>2016</b> , 35, 245-59	2.2	2
75	Induction of omega 6 inflammatory pathway by sodium metabisulfite in rat liver and its attenuation by ghrelin. <i>Lipids in Health and Disease</i> , <b>2015</b> , 14, 7	4.4	8
74	Melatonin is protective against 6-hydroxydopamine-induced oxidative stress in a hemiparkinsonian rat model. <i>Free Radical Research</i> , <b>2015</b> , 49, 1004-14	4	24
73	Glyceraldehyde 3-phosphate dehydrogenase (GAPDH) is inactivated by S-sulfuration in vitro. <i>Free Radical Biology and Medicine</i> , <b>2015</b> , 89, 512-21	7.8	70
72	Oxidative stress in thalassaemia and sickle cell disease. <i>Redox Biology</i> , <b>2015</b> , 6, 226-239	11.3	88
71	Induction of xanthine oxidase activity, endoplasmic reticulum stress and caspase activation by sodium metabisulfite in rat liver and their attenuation by Ghrelin. <i>Food and Chemical Toxicology</i> , <b>2015</b> , 76, 27-32	4.7	13
70	Decreased serum paraoxonase and arylesterase activities in patients with rosacea. <i>Journal of the European Academy of Dermatology and Venereology</i> , <b>2015</b> , 29, 367-370	4.6	32

69	LC-MS/MS analysis of plasma polyunsaturated fatty acids in patients with homozygous sickle cell disease. <i>Clinical and Experimental Medicine</i> , <b>2015</b> , 15, 397-403	4.9	19
68	Analysis of polyunsaturated fatty acids and the omega-6 inflammatory pathway in hepatic ischemia/re-perfusion injury. <i>Molecular Medicine Reports</i> , <b>2015</b> , 12, 4149-4156	2.9	10
67	Thiol redox homeostasis in neurodegenerative disease. <i>Redox Biology</i> , <b>2015</b> , 5, 186-194	11.3	90
66	Effects of rosmarinic acid on cognitive and biochemical alterations in ovariectomized rats treated with D-galactose. <i>Folia Histochemica Et Cytobiologica</i> , <b>2015</b> , 53, 283-93	1.4	17
65	Inhibition of neutral sphingomyelinase decreases elevated levels of inducible nitric oxide synthase and apoptotic cell death in ocular hypertensive rats. <i>Toxicology and Applied Pharmacology</i> , <b>2014</b> , 280, 389-98	4.6	10
64	Acetaminophen intoxication is associated with decreased serum paraoxonase and arylesterase activities and increased lipid hydroperoxide levels. <i>Human and Experimental Toxicology</i> , <b>2014</b> , 33, 1134-40	2.4	2
63	A pilot study investigating early postoperative changes of plasma polyunsaturated fatty acids after laparoscopic sleeve gastrectomy. <i>Lipids in Health and Disease</i> , <b>2014</b> , 13, 62	4.4	11
62	Mechanism of the beneficial effect of melatonin in experimental Parkinson's disease. <i>Neurochemistry International</i> , <b>2014</b> , 79, 1-11	4.4	27
61	Effects of extremely low-frequency electric fields at different intensities and exposure durations on mismatch negativity. <i>Neuroscience</i> , <b>2014</b> , 272, 154-66	3.9	8
60	Neutral sphingomyelinase inhibition decreases ER stress-mediated apoptosis and inducible nitric oxide synthase in retinal pigment epithelial cells. <i>Free Radical Biology and Medicine</i> , <b>2014</b> , 72, 113-23	7.8	23
59	Effect of erythropoietin on heme oxygenase-1 enzyme activity in acute spinal cord injury in rats. <i>European Journal of Anaesthesiology</i> , <b>2014</b> , 31, 123	2.3	
58	The role of nitric oxide on visual-evoked potentials in MPTP-induced Parkinsonism in mice. <i>Neurochemistry International</i> , <b>2014</b> , 72, 48-57	4.4	18
57	Inhibition of neutral sphingomyelinase decreases arachidonic acid mediated inflammation in liver ischemia-reperfusion injury. <i>International Journal of Clinical and Experimental Pathology</i> , <b>2014</b> , 7, 7814-23	1.4	12
56	Effect of insulin analog initiation therapy on LDL/HDL subfraction profile and HDL associated enzymes in type 2 diabetic patients. <i>Lipids in Health and Disease</i> , <b>2013</b> , 12, 54	4.4	17
55	Tumour suppressor PTEN enhanced enzyme activity of GPx, SOD and catalase by suppression of PI3K/AKT pathway in non-small cell lung cancer cell lines. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2013</b> , 28, 539-44	5.6	28
54	Comparison of the beneficial effect of melatonin on recovery after cut and crush sciatic nerve injury: a combined study using functional, electrophysiological, biochemical, and electron microscopic analyses. <i>Child's Nervous System</i> , <b>2013</b> , 29, 389-401	1.7	24
53	Early postoperative changes of HDL subfraction profile and HDL-associated enzymes after laparoscopic sleeve gastrectomy. <i>Obesity Surgery</i> , <b>2013</b> , 23, 1973-80	3.7	12
52	Does circadian rhythm disruption induced by light-at-night has beneficial effect of melatonin on sciatic nerve injury?. <i>Journal of Chemical Neuroanatomy</i> , <b>2013</b> , 53, 18-24	3.2	8

51	Lipoprotein subfraction profile and HDL-associated enzymes in sickle cell disease patients. <i>Lipids</i> , <b>2013</b> , 48, 1217-26	1.6	11
50	LC-MS/MS analysis of plasma polyunsaturated fatty acids in type 2 diabetic patients after insulin analog initiation therapy. <i>Lipids in Health and Disease</i> , <b>2013</b> , 12, 169	4.4	31
49	Oxidative stress and potential applications of free radical scavengers in glaucoma. <i>Redox Report</i> , <b>2013</b> , 18, 76-87	5.9	31
48	Increased Small Dense LDL and Decreased Paraonase Enzyme Activity Reveals Formation of an Atherogenic Risk in Streptozotocin-Induced Diabetic Guinea Pigs. <i>Journal of Diabetes Research</i> , <b>2013</b> , 2013, 860190	3.9	7
47	The effect of high-dose insulin analog initiation therapy on lipid peroxidation products and oxidative stress markers in type 2 diabetic patients. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2013</b> , 2013, 513742	6.7	6
46	Functional consequences of actin nitration: in vitro and in disease states. <i>Amino Acids</i> , <b>2012</b> , 42, 65-74	3.5	8
45	Measurement of intracellular biomolecular oxidation in liver ischemia-reperfusion injury via immuno-spin trapping. <i>Free Radical Biology and Medicine</i> , <b>2012</b> , 53, 406-14	7.8	15
44	The effect of hemolysis on plasma oxidation and nitration in patients with sickle cell disease. <i>Free Radical Research</i> , <b>2012</b> , 46, 883-90	4	15
43	Beneficial effect of myricetin on renal functions in streptozotocin-induced diabetes. <i>Clinical and Experimental Medicine</i> , <b>2012</b> , 12, 265-72	4.9	37
42	Effects of N-acetylcystein on bleomycin-induced apoptosis in malignant testicular germ cell tumors. <i>Journal of Physiology and Biochemistry</i> , <b>2012</b> , 68, 555-62	5	17
41	Sodium tungstate administration ameliorated diabetes-induced electrical and contractile remodeling of rat heart without normalization of hyperglycemia. <i>Biological Trace Element Research</i> , <b>2012</b> , 148, 216-23	4.5	17
40	Oxidases and oxygenases in regulation of neutrophil redox pathways in Behçet's disease patients. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2012</b> , 27, 12-7	5.6	5
39	Manganese porphyrin reduces retinal injury induced by ocular hypertension in rats. <i>Experimental Eye Research</i> , <b>2011</b> , 93, 387-96	3.7	14
38	The influence and the mechanism of docosahexaenoic acid on a mouse model of Parkinson's disease. <i>Neurochemistry International</i> , <b>2011</b> , 59, 664-70	4.4	40
37	Proteomic detection of nitroproteins as potential biomarkers for cardiovascular disease. <i>Journal of Proteomics</i> , <b>2011</b> , 74, 2274-88	3.9	13
36	Hepatic ischemia-reperfusion injury and therapeutic strategies to alleviate cellular damage. <i>Hepatology Research</i> , <b>2011</b> , 41, 103-17	5.1	27
35	Dose-dependent effect of nutritional sulfite intake on visual evoked potentials and lipid peroxidation. <i>Neurotoxicology and Teratology</i> , <b>2011</b> , 33, 244-54	3.9	17
34	The effect of docosahexaenoic Acid on visual evoked potentials in a mouse model of Parkinson's disease: the role of cyclooxygenase-2 and nuclear factor kappa-B. <i>Neurotoxicity Research</i> , <b>2011</b> , 20, 250-62	4.3	16

33	Protective effects of erdosteine on amikacin induced visual evoked potentials and lipid peroxidation alterations. <i>Journal of Ocular Pharmacology and Therapeutics</i> , <b>2011</b> , 27, 131-5	2.6	2
32	Neutrophil oxidative metabolism in Down syndrome patients with congenital heart defects. <i>Environmental and Molecular Mutagenesis</i> , <b>2010</b> , 51, 57-63	3.2	11
31	Effect of astaxanthin on hepatocellular injury following ischemia/reperfusion. <i>Toxicology</i> , <b>2010</b> , 267, 147-53	4.4	62
30	Suppressive effect of astaxanthin on retinal injury induced by elevated intraocular pressure. <i>Regulatory Toxicology and Pharmacology</i> , <b>2010</b> , 58, 121-30	3.4	29
29	Effect of alpha-lipoic acid on visual evoked potentials in rats exposed to sulfite. <i>Neurotoxicology and Teratology</i> , <b>2009</b> , 31, 34-9	3.9	25
28	Modulation of redox pathways in neutrophils from sickle cell disease patients. <i>Experimental Hematology</i> , <b>2008</b> , 36, 1535-44	3.1	27
27	Oxidative and nitrative stress markers in glaucoma. <i>Free Radical Biology and Medicine</i> , <b>2008</b> , 45, 367-76	7.8	122
26	Serum paraoxonase and arylesterase activities for the evaluation of patients with chronic hepatitis. <i>International Journal of Clinical Practice</i> , <b>2008</b> , 62, 1050-5	2.9	12
25	Effect of aminoguanidine on visual evoked potentials (VEPs), antioxidant status and lipid peroxidation in rats exposed to chronic restraint stress. <i>Brain Research</i> , <b>2007</b> , 1186, 87-94	3.7	17
24	Redox-dependent impairment of vascular function in sickle cell disease. <i>Free Radical Biology and Medicine</i> , <b>2007</b> , 43, 1469-83	7.8	70
23	Corneal protein nitration in experimental uveitis. <i>Experimental Biology and Medicine</i> , <b>2007</b> , 232, 1308-13	3.7	11
22	Beneficial effects of docosahexaenoic acid on active avoidance performance in 1K-1C hypertensive rats. <i>Neurobiology of Learning and Memory</i> , <b>2007</b> , 87, 159-65	3.1	4
21	Protein Targets and Functional Consequences of Tyrosine Nitration in Vascular Disease <b>2006</b> , 729-786		1
20	The effect of sulfite and chronic restraint stress on brain lipid peroxidation and anti-oxidant enzyme activities. <i>Toxicology and Industrial Health</i> , <b>2006</b> , 22, 233-40	1.8	24
19	Nitrotyrosine formation and apoptosis in rat models of ocular injury. <i>Free Radical Research</i> , <b>2006</b> , 40, 147-53	4	24
18	Transmission electron microscopy and autofluorescence findings in the cornea of diabetic rats treated with aminoguanidine. <i>Canadian Journal of Ophthalmology</i> , <b>2006</b> , 41, 60-6	1.4	17
17	Effect of chronic restraint stress and alpha-lipoic acid on lipid peroxidation and antioxidant enzyme activities in rat peripheral organs. <i>Pharmacological Research</i> , <b>2006</b> , 54, 247-52	10.2	23
16	Effect of hypercholesterolemia on inducible nitric oxide synthase expression in a rat model of elevated intraocular pressure. <i>Vision Research</i> , <b>2005</b> , 45, 1107-14	2.1	39

15	The prooxidant effect of sodium metabisulfite in rat liver and kidney. <i>Regulatory Toxicology and Pharmacology</i> , <b>2005</b> , 42, 77-82	3.4	42
14	Hypercapnia via reduced rate and tidal volume contributes to lipopolysaccharide-induced lung injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2005</b> , 171, 147-57	10.2	80
13	Effect of intravenous nitroglycerin therapy on erythrocyte antioxidant enzymes. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2005</b> , 20, 293-6	5.6	3
12	N-acetyl cysteine, L-cysteine, and beta-mercaptoethanol augment selenium-glutathione peroxidase activity in glucose-6-phosphate dehydrogenase-deficient human erythrocytes. <i>Clinical and Experimental Medicine</i> , <b>2004</b> , 4, 50-5	4.9	8
11	Albumin and hydroxyethyl starch modulate oxidative inflammatory injury to vascular endothelium. <i>Anesthesiology</i> , <b>2004</b> , 100, 51-8	4.3	62
10	Reactive oxygen and nitrogen species in Alzheimer's disease. <i>Current Alzheimer Research</i> , <b>2004</b> , 1, 111-9	3	78
9	Oxidant-mediated impairment of nitric oxide signaling in sickle cell disease--mechanisms and consequences. <i>Cellular and Molecular Biology</i> , <b>2004</b> , 50, 95-105	1.1	32
8	Activities of xanthine oxidoreductase and antioxidant enzymes in different tissues of diabetic rats. <i>Translational Research</i> , <b>2003</b> , 142, 172-7		91
7	Oxidants in receptor tyrosine kinase signal transduction pathways. <i>Antioxidants and Redox Signaling</i> , <b>2003</b> , 5, 781-8	8.4	107
6	Nitric oxide-dependent generation of reactive species in sickle cell disease. Actin tyrosine induces defective cytoskeletal polymerization. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 4194-204	5.4	131
5	Oxidases and oxygenases in regulation of vascular nitric oxide signaling and inflammatory responses. <i>Immunologic Research</i> , <b>2002</b> , 26, 107-18	4.3	23
4	Oxygen radical inhibition of nitric oxide-dependent vascular function in sickle cell disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2001</b> , 98, 15215-20	11.5	314
3	Reactive species in sickle cell disease. <i>Annals of the New York Academy of Sciences</i> , <b>2000</b> , 899, 375-91	6.5	91
2	Binding of xanthine oxidase to vascular endothelium. Kinetic characterization and oxidative impairment of nitric oxide-dependent signaling. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 4985-94	5.4	184
1	The effect of recombinant human granulocyte/macrophage-colony-stimulating factor (rHu GM-CSF) and rHu G-CSF administration on neutrophil chemiluminescence assay in patients following cyclic chemotherapy. <i>Cancer Immunology, Immunotherapy</i> , <b>1998</b> , 47, 176-81	7.4	3