## Jorge Joven

List of Publications by Year in descending order

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LODGE LOVEN

#	Article	IF	CITATIONS
1	An <scp>MMP</scp> â€degraded and crossâ€linked fragment of type <scp>III</scp> collagen as a nonâ€invasive biomarker of hepatic fibrosis resolution. Liver International, 2022, 42, 1605-1617.	3.9	9
2	Can COVID-19 vaccines relieve severe tension-type headache and migraine?. Medical Hypotheses, 2022, 161, 110812.	1.5	3
3	Machine learning and semi-targeted lipidomics identify distinct serum lipid signatures in hospitalized COVID-19-positive and COVID-19-negative patients. Metabolism: Clinical and Experimental, 2022, 131, 155197.	3.4	33
4	PO-1450 Clinical Outcome and Radiologic Changes in SARS-CoV-2 Pneumonia treated with Low-Dose Radiotherapy Radiotherapy and Oncology, 2022, 170, S1229-S1231.	0.6	0
5	Effect of Low-Dose Radiotherapy on the Circulating Levels of Paraoxonase-1-Related Variables and Markers of Inflammation in Patients with COVID-19 Pneumonia. Antioxidants, 2022, 11, 1184.	5.1	6
6	Usefulness of the Measurement of Serum Paraoxonase-1 Arylesterase Activity in the Diagnoses of COVID-19. Biomolecules, 2022, 12, 879.	4.0	3
7	Laparoscopic Sleeve Gastrectomy in Patients with Severe Obesity Restores Adaptive Responses Leading to Nonalcoholic Steatohepatitis. International Journal of Molecular Sciences, 2022, 23, 7830.	4.1	4
8	Influence of Surgical Procedures on Serum Paraoxonase-1-Related Variables and Markers of Inflammation in Hospitalized Patients. Journal of Investigative Surgery, 2021, 34, 216-224.	1.3	11
9	Hepatic metabolic adaptation and adipose tissue expansion are altered in mice with steatohepatitis induced by high-fat high sucrose diet. Journal of Nutritional Biochemistry, 2021, 89, 108559.	4.2	15
10	Betanin and Peripheral Artery Vasospasm. Journal of Investigative Surgery, 2021, 34, 214-215.	1.3	0
11	Laparoscopic sleeve gastrectomy alters 1H-NMR-measured lipoprotein and glycoprotein profile in patients with severe obesity and nonalcoholic fatty liver disease. Scientific Reports, 2021, 11, 1343.	3.3	6
12	Paraoxonase-1 and -3 Protein Expression in the Brain of the Tg2576 Mouse Model of Alzheimer's Disease. Antioxidants, 2021, 10, 339.	5.1	14
13	Nonalcoholic Steatohepatitis Modifies Serum Iron-Related Variables in Patients with Morbid Obesity. Biological Trace Element Research, 2021, 199, 4555-4563.	3.5	6
14	Coupling Machine Learning and Lipidomics as a Tool to Investigate Metabolic Dysfunction-Associated Fatty Liver Disease. A General Overview. Biomolecules, 2021, 11, 473.	4.0	10
15	First and second waves of coronavirus disease-19: A comparative study in hospitalized patients in Reus, Spain. PLoS ONE, 2021, 16, e0248029.	2.5	206
16	Identification of potential metabolic biomarkers of rectal cancer and of the effect of neoadjuvant radiochemotherapy. PLoS ONE, 2021, 16, e0250453.	2.5	12
17	TEMPORARY REMOVAL: Glutaminolysis-induced mTORC1 activation drives non-alcoholic steatohepatitis progression. Journal of Hepatology, 2021, , .	3.7	3
18	Clinical Performance of Paraoxonase-1-Related Variables and Novel Markers of Inflammation in Coronavirus Disease-19. A Machine Learning Approach. Antioxidants, 2021, 10, 991.	5.1	14

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19	Lung Cancer Management with Silibinin: A Historical and Translational Perspective. Pharmaceuticals, 2021, 14, 559.	3.8	14
20	On the Role of Paraoxonase-1 and Chemokine Ligand 2 (C-C motif) in Metabolic Alterations Linked to Inflammation and Disease. A 2021 Update. Biomolecules, 2021, 11, 971.	4.0	21
21	Metformin Is a Pyridoxal-5′-phosphate (PLP)-Competitive Inhibitor of SHMT2. Cancers, 2021, 13, 4009.	3.7	15
22	PO-1107 Inflammatory markers in breast cancer patients treated with radiotherapy: Machine Learning approach. Radiotherapy and Oncology, 2021, 161, S921-S922.	0.6	0
23	Clinical performance of the Elecsys® anti-SARS-CoV-2 combined in an algorithm with two specific anti-IgG immunoassays for the evaluation of the serological response of patients with COVID-19 in a population with a high prevalence of infection. Annals of Clinical Biochemistry, 2021, 58, 614-621.	1.6	1
24	Phenotypic, morphological, and metabolic characterization of vascularâ€ <b>s</b> pheres from human vascular mesenchymal stem cells. Microscopy Research and Technique, 2021, , .	2.2	3
25	Trace elements under the spotlight: A powerful nutritional tool in cancer. Journal of Trace Elements in Medicine and Biology, 2021, 68, 126858.	3.0	11
26	Effects of radiotherapy on plasma energy metabolites in patients with breast cancer who received neoadjuvant chemotherapy. Clinical and Translational Oncology, 2020, 22, 1078-1085.	2.4	5
27	Chemokine (C-C motif) ligand 2 and coronary artery disease: Tissue expression of functional and atypical receptors. Cytokine, 2020, 126, 154923.	3.2	11
28	Plasma metabolic alterations in patients with severe obesity and nonâ€alcoholic steatohepatitis. Alimentary Pharmacology and Therapeutics, 2020, 51, 374-387.	3.7	20
29	Alterations in plasma concentrations of energy-balance-related metabolites in patients with lung, or head & neck, cancers: Effects of radiotherapy. Journal of Proteomics, 2020, 213, 103605.	2.4	10
30	Chemokine C–C motif ligand 2 overexpression drives tissue-specific metabolic responses in the liver and muscle of mice. Scientific Reports, 2020, 10, 11954.	3.3	13
31	Quercetin metabolites from Hibiscus sabdariffa contribute to alleviate glucolipotoxicity-induced metabolic stress in vitro. Food and Chemical Toxicology, 2020, 144, 111606.	3.6	11
32	Risk factors associated with mortality in hospitalized patients with SARS-CoV-2 infection. A prospective, longitudinal, unicenter study in Reus, Spain. PLoS ONE, 2020, 15, e0234452.	2.5	41
33	The lipid composition of the liver: assessing differences in obese patients with and without non-alcoholic steatohepatitis. Journal of Hepatology, 2020, 73, S654-S655.	3.7	0
34	Sex differences of adipose tissue dynamic changes in NASH progression of morbid obese patients: a preliminary study. Journal of Hepatology, 2020, 73, S662-S663.	3.7	0
35	The influence of obesity, non-alcoholic steatohepatitis and bariatric surgery on plasma lipid profile. Journal of Hepatology, 2020, 73, S664-S665.	3.7	0
36	Obesity and non-alcoholic steatohepatitis: assessing lipid diversity in adipose tissue. Journal of Hepatology, 2020, 73, S675-S676.	3.7	0

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37	Multiplexed monitoring of a novel autoantibody diagnostic signature of colorectal cancer using HaloTag technology-based electrochemical immunosensing platform. Theranostics, 2020, 10, 3022-3034.	10.0	23
38	Systemic overexpression of C-C motif chemokine ligand 2 promotes metabolic dysregulation and premature death in mice with accelerated aging. Aging, 2020, 12, 20001-20023.	3.1	5
39	Title is missing!. , 2020, 15, e0234452.		0
40	Title is missing!. , 2020, 15, e0234452.		0
41	Title is missing!. , 2020, 15, e0234452.		0
42	Title is missing!. , 2020, 15, e0234452.		0
43	Laparoscopic sleeve gastrectomy reverses non-alcoholic fatty liver disease modulating oxidative stress and inflammation. Metabolism: Clinical and Experimental, 2019, 99, 81-89.	3.4	43
44	Serum Paraoxonase-1-Related Variables and Lipoprotein Profile in Patients with Lung or Head and Neck Cancer: Effect of Radiotherapy. Antioxidants, 2019, 8, 213.	5.1	14
45	Revisiting silibinin as a novobiocin-like Hsp90â€ <sup>-</sup> C-terminal inhibitor: Computational modeling and experimental validation. Food and Chemical Toxicology, 2019, 132, 110645.	3.6	16
46	FRI-322-Metabolic inflammation: The role of chemokine C-C motif ligan 2 in the crosstalk between liver tissue and muscle. Journal of Hepatology, 2019, 70, e537-e538.	3.7	1
47	Effect of Vitamin D3 on the Postprandial Lipid Profile in Obese Patients: A Non-Targeted Lipidomics Study. Nutrients, 2019, 11, 1194.	4.1	21
48	Computational de-orphanization of the olive oil biophenol oleacein: Discovery of new metabolic and epigenetic targets. Food and Chemical Toxicology, 2019, 131, 110529.	3.6	15
49	Stratification of cancer and diabetes based on circulating levels of formate and glucose. Cancer & Metabolism, 2019, 7, 3.	5.0	23
50	Deficient Endoplasmic Reticulum-Mitochondrial Phosphatidylserine Transfer Causes Liver Disease. Cell, 2019, 177, 881-895.e17.	28.9	209
51	The C Allele of ATM rs11212617 Associates With Higher Pathological Complete Remission Rate in Breast Cancer Patients Treated With Neoadjuvant Metformin. Frontiers in Oncology, 2019, 9, 193.	2.8	17
52	Chemokine (C-C motif) ligand 2 gene ablation protects low-density lipoprotein and paraoxonase-1 double deficient mice from liver injury, oxidative stress and inflammation. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 1555-1566.	3.8	13
53	Intestinal Permeability Study of Clinically Relevant Formulations of Silibinin in Caco-2 Cell Monolayers. International Journal of Molecular Sciences, 2019, 20, 1606.	4.1	32
54	Neoadjuvant Metformin Added to Systemic Therapy Decreases the Proliferative Capacity of Residual Breast Cancer. Journal of Clinical Medicine, 2019, 8, 2180.	2.4	12

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55	An olive oil phenolic is a new chemotype of mutant isocitrate dehydrogenase 1 (IDH1) inhibitors. Carcinogenesis, 2019, 40, 27-40.	2.8	14
56	Versatile Electroanalytical Bioplatforms for Simultaneous Determination of Cancer-Related DNA 5-Methyl- and 5-Hydroxymethyl-Cytosines at Global and Gene-Specific Levels in Human Serum and Tissues. ACS Sensors, 2019, 4, 227-234.	7.8	56
57	Different behavior of polyphenols in energy metabolism of lipopolysaccharide-stimulated cells. Food Research International, 2019, 118, 96-100.	6.2	8
58	Metformin induces a fasting- and antifolate-mimicking modification of systemic host metabolism in breast cancer patients. Aging, 2019, 11, 2874-2888.	3.1	25
59	In silico clinical trials for anti-aging therapies. Aging, 2019, 11, 6591-6601.	3.1	3
60	Serum concentrations of trace elements and their relationships with paraoxonase-1 in morbidly obese women. Journal of Trace Elements in Medicine and Biology, 2018, 48, 8-15.	3.0	12
61	Assessment of extracellular matrix-related biomarkers in patients with lower extremity artery disease. Journal of Vascular Surgery, 2018, 68, 1135-1142.e6.	1.1	7
62	Silibinin is a direct inhibitor of STAT3. Food and Chemical Toxicology, 2018, 116, 161-172.	3.6	52
63	Extra-virgin olive oil contains a metabolo-epigenetic inhibitor of cancer stem cells. Carcinogenesis, 2018, 39, 601-613.	2.8	53
64	Serum Paraoxonase-1 Concentration as a Potential Predictor of Urinary Bladder Cancer Recurrence. A Five Year Follow-Up Study. Archives of Medical Research, 2018, 49, 119-122.	3.3	9
65	Paraoxonase-1 activity in patients with cancer: A systematic review and meta-analysis. Critical Reviews in Oncology/Hematology, 2018, 127, 6-14.	4.4	32
66	Trace Elements and Paraoxonase-1 Activity in Lower Extremity Artery Disease. Biological Trace Element Research, 2018, 186, 74-84.	3.5	13
67	Novel circulating biomarkers for nonâ€alcoholic fatty liver disease: A systematic review. Journal of Cellular Physiology, 2018, 233, 849-855.	4.1	13
68	Metformin regulates global DNA methylation via mitochondrial one-carbon metabolism. Oncogene, 2018, 37, 963-970.	5.9	85
69	A phase 2 trial of neoadjuvant metformin in combination with trastuzumab and chemotherapy in women with early HER2-positive breast cancer: the METTEN study. Oncotarget, 2018, 9, 35687-35704.	1.8	55
70	Metabolite normalization with local radiotherapy following breast tumor resection. PLoS ONE, 2018, 13, e0207474.	2.5	14
71	Trace element concentrations in breast cancer patients. Breast, 2018, 42, 142-149.	2.2	17
72	Bariatric surgery reverses dna methylation modifiyng one carbon metabolism. Atherosclerosis, 2018, 275, e76-e77.	0.8	0

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73	Metformin Is a Direct SIRT1-Activating Compound: Computational Modeling and Experimental Validation. Frontiers in Endocrinology, 2018, 9, 657.	3.5	85
74	Plant-Derived Polyphenols in Human Health: Biological Activity, Metabolites and Putative Molecular Targets. Current Drug Metabolism, 2018, 19, 351-369.	1.2	42
75	Plasma Energy-Balance Metabolites Discriminate Asymptomatic Patients with Peripheral Artery Disease. Mediators of Inflammation, 2018, 2018, 1-12.	3.0	8
76	The multifactorial pathogenesis of nonalcoholic fatty liver disease: connecting inflammation and oxidation. Journal of Hepatology, 2018, 68, S340.	3.7	0
77	Metformin directly targets the H3K27me3 demethylase KDM6A/UTX. Aging Cell, 2018, 17, e12772.	6.7	58
78	Effect of continuous renal-replacement therapy on paraoxonase-1-related variables in patients with acute renal failure caused by septic shock. Clinical Biochemistry, 2018, 61, 1-6.	1.9	4
79	Abstract P1-10-01: Safety and efficacy of neoadjuvant metformin with trastuzumab and chemotherapy in women with HER2-positive early breast cancer: A randomized, open-label, multicenter, phase 2 trial. Cancer Research, 2018, 78, P1-10-01-P1-10-01.	0.9	2
80	Treating atherosclerosis: targeting risk factors should not be the only option. Annals of Translational Medicine, 2018, 6, S34-S34.	1.7	2
81	Paraoxonases and infectious diseases. Clinical Biochemistry, 2017, 50, 804-811.	1.9	38
82	Palmitate Conditions Macrophages for Enhanced Responses toward Inflammatory Stimuli via JNK Activation. Journal of Immunology, 2017, 199, 3858-3869.	0.8	57
83	Non-invasive evaluation of extracellular matrix remodeling in peripheral artery disease. Atherosclerosis, 2017, 263, e68.	0.8	0
84	Metabolite profiling can change health-care delivery to obese patients with fatty liver disease: the search for biomarkers. Clinical Chemistry and Laboratory Medicine, 2017, 55, 501-506.	2.3	4
85	An Electrochemical Enzyme Biosensor for 3-Hydroxybutyrate Detection Using Screen-Printed Electrodes Modified by Reduced Graphene Oxide and Thionine. Biosensors, 2017, 7, 50.	4.7	34
86	Metformin Potentiates the Benefits of Dietary Restraint: A Metabolomic Study. International Journal of Molecular Sciences, 2017, 18, 2263.	4.1	18
87	Nutrients in Energy and One-Carbon Metabolism: Learning from Metformin Users. Nutrients, 2017, 9, 121.	4.1	33
88	Multi-Targeted Molecular Effects of Hibiscus sabdariffa Polyphenols: An Opportunity for a Global Approach to Obesity. Nutrients, 2017, 9, 907.	4.1	55
89	Cocoa and Grape Seed Byproducts as a Source of Antioxidant and Anti-Inflammatory Proanthocyanidins. International Journal of Molecular Sciences, 2017, 18, 376.	4.1	85
90	Effect of radiotherapy on activity and concentration of serum paraoxonase-1 in breast cancer patients. PLoS ONE, 2017, 12, e0188633.	2.5	19

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91	Galectin-3 in Peripheral Artery Disease. Relationships with Markers of Oxidative Stress and Inflammation. International Journal of Molecular Sciences, 2017, 18, 973.	4.1	33
92	Metabolomic mapping of cancer stem cells for reducing and exploiting tumor heterogeneity. Oncotarget, 2017, 8, 99223-99236.	1.8	9
93	Inflammation, mitochondrial metabolism and nutrition: the multi-faceted progression of non-alcoholic fatty liver disease to hepatocellular carcinoma. Hepatobiliary Surgery and Nutrition, 2016, 5, 438-443.	1.5	10
94	A preliminary study of paraoxonase-1 in infected patients with an indwelling central venous catheter. Clinical Biochemistry, 2016, 49, 449-457.	1.9	13
95	Paraoxonases, mitochondrial dysfunction and non-communicable diseases. Chemico-Biological Interactions, 2016, 259, 382-387.	4.0	20
96	Epigenetics and nutrition-related epidemics of metabolic diseases: Current perspectives and chemical Toxicology, 2016, 96, 191-204.	3.6	27
97	Biochemical indices of oxidative stress and inflammation in the evaluation of peripheral artery disease. Free Radical Biology and Medicine, 2016, 97, 568-576.	2.9	26
98	Inferring propagation paths for sparsely observed perturbations on complex networks. Science Advances, 2016, 2, e1501638.	10.3	7
99	Metformin targets histone acetylation in cancer-prone epithelial cells. Cell Cycle, 2016, 15, 3355-3361.	2.6	17
100	Preliminary study on serum paraoxonase-1 status and chemokine (C-C motif) ligand 2 in hospitalized elderly patients with catheter-associated asymptomatic bacteriuria. European Journal of Clinical Microbiology and Infectious Diseases, 2016, 35, 1417-1424.	2.9	17
101	Systematic review and meta-analysis deciphering the impact of fibrates on paraoxonase-1 status. Metabolism: Clinical and Experimental, 2016, 65, 609-622.	3.4	14
102	Oncometabolic Nuclear Reprogramming of Cancer Stemness. Stem Cell Reports, 2016, 6, 273-283.	4.8	34
103	Exploring the effects of the atherosclerosis progression and the choice of affected arteries in the design of experiments with Apolipoprotein E-deficient mice. ClĀnica E Investigación En Arteriosclerosis, 2016, 28, 82-86.	0.8	0
104	Methotrexate selectively targets human proinflammatory macrophages through a thymidylate synthase/p53 axis. Annals of the Rheumatic Diseases, 2016, 75, 2157-2165.	0.9	35
105	Metformin administration induces hepatotoxic effects in paraoxonase-1-deficient mice. Chemico-Biological Interactions, 2016, 249, 56-63.	4.0	2
106	Exploring the Process of Energy Generation in Pathophysiology by Targeted Metabolomics: Performance of a Simple and Quantitative Method. Journal of the American Society for Mass Spectrometry, 2016, 27, 168-177.	2.8	35
107	Mitophagy-driven mitochondrial rejuvenation regulates stem cell fate. Aging, 2016, 8, 1330-1352.	3.1	70
108	Activation of the methylation cycle in cells reprogrammed into a stem cell-like state. Oncoscience, 2016, 2, 958-967.	2.2	30

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109	Metformin and cancer: <i>Quo vadis et cui bono?</i> . Oncotarget, 2016, 7, 54096-54101.	1.8	15
110	Accelerated geroncogenesis in hereditary breast-ovarian cancer syndrome. Oncotarget, 2016, 7, 11959-11971.	1.8	9
111	Germline <i>BRCA1</i> mutation reprograms breast epithelial cell metabolism towards mitochondrial-dependent biosynthesis: evidence for metformin-based "starvation―strategies in <i>BRCA1</i> carriers. Oncotarget, 2016, 7, 52974-52992.	1.8	26
112	Relationships Between Metformin, Paraoxonase-1 and the Chemokine (C-C Motif) Ligand 2. Current Clinical Pharmacology, 2016, 11, 250-258.	0.6	8
113	The impact of polyphenols on chondrocyte growth and survival: a preliminary report. Food and Nutrition Research, 2015, 59, 29311.	2.6	1
114	Immunohistochemical Analysis of Paraoxonases and Chemokines in Arteries of Patients with Peripheral Artery Disease. International Journal of Molecular Sciences, 2015, 16, 11323-11338.	4.1	23
115	Stevia-derived compounds attenuate the toxic effects of ectopic lipid accumulation in the liver of obese mice: A transcriptomic and metabolomic study. Food and Chemical Toxicology, 2015, 77, 22-33.	3.6	38
116	The Promiscuous and Synergic Molecular Interaction of Polyphenols in Bactericidal Activity: An Opportunity to Improve the Performance of Antibiotics?. Phytotherapy Research, 2015, 29, 466-473.	5.8	34
117	The acute impact of polyphenols from Hibiscus sabdariffa in metabolic homeostasis: an approach combining metabolomics and gene-expression analyses. Food and Function, 2015, 6, 2957-2966.	4.6	25
118	Reshaping of Human Macrophage Polarization through Modulation of Glucose Catabolic Pathways. Journal of Immunology, 2015, 195, 2442-2451.	0.8	87
119	Expression of functional and silent receptors of CCL2 in human coronary arteries. Atherosclerosis, 2015, 241, e91-e92.	0.8	1
120	Lemon verbena (Lippia citriodora) polyphenols alleviate obesity-related disturbances in hypertrophic adipocytes through AMPK-dependent mechanisms. Phytomedicine, 2015, 22, 605-614.	5.3	61
121	Managing Hypertension by Polyphenols. Planta Medica, 2015, 81, 624-629.	1.3	18
122	Exercise in a hot environment influences plasma anti-inflammatory and antioxidant status in well-trained athletes. Journal of Thermal Biology, 2015, 47, 91-98.	2.5	31
123	Duodeno-Jejunal Tube Placement in an Experimental Model of Obesity: Effects on Food Behaviour and Basal Energy Expenditure. Obesity Surgery, 2015, 25, 55-63.	2.1	2
124	Mapping of the circulating metabolome reveals α-ketoglutarate as a predictor of morbid obesity-associated non-alcoholic fatty liver disease. International Journal of Obesity, 2015, 39, 279-287.	3.4	77
125	Oncometabolic mutation IDH1 R132H confers a metformin-hypersensitive phenotype. Oncotarget, 2015, 6, 12279-12296.	1.8	53
126	Chemokine ligand 2 and paraoxonase-1 in non-alcoholic fatty liver disease: The search for alternative causative factors. World Journal of Gastroenterology, 2015, 21, 2875.	3.3	8

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127	Liver fat deposition and mitochondrial dysfunction in morbid obesity: An approach combining metabolomics with liver imaging and histology. World Journal of Gastroenterology, 2015, 21, 7529.	3.3	35
128	Paraoxonases and Chemokine (C–C Motif) Ligand-2 in Noncommunicable Diseases. Advances in Clinical Chemistry, 2014, 63, 247-308.	3.7	32
129	Understanding the role of circulating chemokine (C-C motif) ligand 2 in patients with chronic ischemia threatening the lower extremities. Vascular Medicine, 2014, 19, 442-451.	1.5	11
130	Acquired resistance to metformin in breast cancer cells triggers transcriptome reprogramming toward a degradome-related metastatic stem-like profile. Cell Cycle, 2014, 13, 1132-1144.	2.6	57
131	Exploring the Role of Paraoxonases in the Pathogenesis of Coronary Artery Disease: A Systematic Review. International Journal of Molecular Sciences, 2014, 15, 20997-21010.	4.1	38
132	Autophagy Is an Inflammation-Related Defensive Mechanism Against Disease. Advances in Experimental Medicine and Biology, 2014, 824, 43-59.	1.6	34
133	<i>Hibiscus sabdariffa</i> extract lowers blood pressure and improves endothelial function. Molecular Nutrition and Food Research, 2014, 58, 1374-1378.	3.3	52
134	Energy Metabolism and Metabolic Sensors in Stem Cells: The Metabostem Crossroads of Aging and Cancer. Advances in Experimental Medicine and Biology, 2014, 824, 117-140.	1.6	24
135	Gerometabolites: The pseudohypoxic aging side of cancer oncometabolites. Cell Cycle, 2014, 13, 699-709.	2.6	33
136	CCL2 Shapes Macrophage Polarization by GM-CSF and M-CSF: Identification of CCL2/CCR2-Dependent Gene Expression Profile. Journal of Immunology, 2014, 192, 3858-3867.	0.8	364
137	Polyphenols and the Modulation of Gene Expression Pathways: Can We Eat Our Way Out of the Danger of Chronic Disease?. Critical Reviews in Food Science and Nutrition, 2014, 54, 985-1001.	10.3	91
138	Molecular Promiscuity of Plant Polyphenols in the Management of Age-Related Diseases: Far Beyond Their Antioxidant Properties. Advances in Experimental Medicine and Biology, 2014, 824, 141-159.	1.6	77
139	Rosiglitazone and Fenofibrate Exacerbate Liver Steatosis in a Mouse Model of Obesity and Hyperlipidemia. A Transcriptomic and Metabolomic Study. Journal of Proteome Research, 2014, 13, 1731-1743.	3.7	43
140	On the use of inexact, pruned hardware in atmospheric modelling. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2014, 372, 20130276.	3.4	25
141	Treat-to-Target Low-Density Lipoprotein Cholesterol. Angiology, 2014, 65, 261-262.	1.8	1
142	Association Between rs2200733 and rs7193343 Genetic Variants and Atrial Fibrillation in a Spanish Population, and Meta-analysis of Previous Studies. Revista Espanola De Cardiologia (English Ed ), 2014, 67, 822-829.	0.6	9
143	Cell Cycle Regulation by the Nutrient-Sensing Mammalian Target of Rapamycin (mTOR) Pathway. Methods in Molecular Biology, 2014, 1170, 113-144.	0.9	108
144	Computer-aided discovery of biological activity spectra for anti-aging and anti-cancer olive oil oleuropeins. Aging, 2014, 6, 731-741.	3.1	29

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145	Discovery and validation of an INflammatory PROtein-driven GAstric cancer Signature (INPROGAS) using antibody microarray-based oncoproteomics. Oncotarget, 2014, 5, 1942-1954.	1.8	14
146	Oncobiguanides: Paracelsus' law and nonconventional routes for administering diabetobiguanides for cancer treatment. Oncotarget, 2014, 5, 2344-2348.	1.8	40
147	A possible role for CCR5 in the progression of atherosclerosis in HIV-infected patients: a cross-sectional study. AIDS Research and Therapy, 2013, 10, 11.	1.7	12
148	Silibinin meglumine, a water-soluble form of milk thistle silymarin, is an orally active anti-cancer agent that impedes the epithelial-to-mesenchymal transition (EMT) in EGFR-mutant non-small-cell lung carcinoma cells. Food and Chemical Toxicology, 2013, 60, 360-368.	3.6	53
149	Comprehensive characterization by UHPLC-ESI-Q-TOF-MS from an Eryngium bourgatii extract and their antioxidant and anti-inflammatory activities. Food Research International, 2013, 50, 197-204.	6.2	93
150	Impaired paraoxonase-1 status in obese children. Relationships with insulin resistance and metabolic syndrome. Clinical Biochemistry, 2013, 46, 1830-1836.	1.9	46
151	Multifunctional targets of dietary polyphenols in disease: A case for the chemokine network and energy metabolism. Food and Chemical Toxicology, 2013, 51, 267-279.	3.6	55
152	Paraoxonase-1 Deficiency Is Associated with Severe Liver Steatosis in Mice Fed a High-fat High-cholesterol Diet: A Metabolomic Approach. Journal of Proteome Research, 2013, 12, 1946-1955.	3.7	54
153	Phenolic characterization and geographical classification of commercial Arbequina extra-virgin olive oils produced in southern Catalonia. Food Research International, 2013, 50, 401-408.	6.2	95
154	Metabolic stress in infected cells may represent a therapeutic target for human immunodeficiency virus infection. Medical Hypotheses, 2013, 81, 125-130.	1.5	6
155	The mitochondrial H <sup>+</sup> -ATP synthase and the lipogenic switch. Cell Cycle, 2013, 12, 207-218.	2.6	77
156	The Warburg effect version 2.0: Metabolic reprogramming of cancer stem cells. Cell Cycle, 2013, 12, 1166-1179.	2.6	146
157	Exploring PPAR Modulation in Experimental Mice. Methods in Molecular Biology, 2013, 952, 253-273.	0.9	2
158	Risk of hyperkalemia in patients with moderate chronic kidney disease initiating angiotensin converting enzyme inhibitors or angiotensin receptor blockers: a randomized study. BMC Research Notes, 2013, 6, 306.	1.4	21
159	Paraoxonase-1 Is Associated With Corneal Endothelial Cell Alterations in Patients With Chronic Obstructive Pulmonary Disease. , 2013, 54, 5852.		17
160	Paraoxonase-1 status in patients with hereditary hemochromatosis. Journal of Lipid Research, 2013, 54, 1484-1492.	4.2	20
161	The anti-malarial chloroquine overcomes Primary resistance and restores sensitivity to Trastuzumab in HER2-positive breast cancer. Scientific Reports, 2013, 3, 2469.	3.3	97
162	Paraoxonase-1 Inhibits Oxidized Low-Density Lipoprotein-Induced Metabolic Alterations and Apoptosis in Endothelial Cells: A Nondirected Metabolomic Study. Mediators of Inflammation, 2013, 2013, 1-9.	3.0	29

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163	Mitochondrial Dysfunction: A Basic Mechanism in Inflammation-Related Non-Communicable Diseases and Therapeutic Opportunities. Mediators of Inflammation, 2013, 2013, 1-13.	3.0	116
164	Ubiquitous Transgenic Overexpression of C-C Chemokine Ligand 2: A Model to Assess the Combined Effect of High Energy Intake and Continuous Low-Grade Inflammation. Mediators of Inflammation, 2013, 2013, 1-19.	3.0	13
165	The relevance of the association between inflammation and atrial fibrillation. European Journal of Clinical Investigation, 2013, 43, 324-331.	3.4	27
166	Metformin: a cheap and wellâ€ŧolerated drug that provides benefits for viral infections. HIV Medicine, 2013, 14, 233-240.	2.2	16
167	Xenohormetic and anti-aging activity of secoiridoid polyphenols present in extra virgin olive oil. Cell Cycle, 2013, 12, 555-578.	2.6	131
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