

Joseph Loscalzo

List of Publications by Year in Descending Order

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Version: 2024-04-20

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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.

247
papers

19,844
citations

68
h-index

139
g-index

263
ext. papers

24,236
ext. citations

16.5
avg, IF

7.38
L-index

194	Systems pharmacogenomics - gene, disease, drug and placebo interactions: a case study in COMT. <i>Pharmacogenomics</i> , 2019 , 20, 529-551	2.6	8
193	The Element of Surprise. <i>New England Journal of Medicine</i> , 2019 , 381, 1365-1371	59.2	2
192	A Disturbing Decline. <i>New England Journal of Medicine</i> , 2019 , 380, 2257-2262	59.2	1
191	Moving Beyond the Sarcomere to Explain Heterogeneity in Hypertrophic Cardiomyopathy: JACC Review Topic of the Week. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 1978-1986	15.1	59
190	Network Medicine in Pathobiology. <i>American Journal of Pathology</i> , 2019 , 189, 1311-1326	5.8	29
189	Reported environmental exposures are inversely associated with obtaining a genetic diagnosis in the Undiagnosed Diseases Network. <i>American Journal of Medical Genetics, Part A</i> , 2019 , 179, 958-965	2.5	3
188	Gasping for a Diagnosis. <i>New England Journal of Medicine</i> , 2019 , 380, 961-967	59.2	
187	Precision Medicine. <i>Circulation Research</i> , 2019 , 124, 987-989	15.7	11
186	A Dangerous Detour. <i>New England Journal of Medicine</i> , 2019 , 380, 1360-1365	59.2	1
185	Epigenetic Inheritance Underlying Pulmonary Arterial Hypertension. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019 , 39, 653-664	9.4	39
184	Network medicine and type 2 diabetes mellitus: insights into disease mechanism and guide to precision medicine. <i>Endocrine</i> , 2019 , 66, 456-459	4	5
183	Fine-Tuning of PGC1 α Expression Regulates Cardiac Function and Longevity. <i>Circulation Research</i> , 2019 , 125, 707-719	15.7	17
182	A genome-wide positioning systems network algorithm for in silico drug repurposing. <i>Nature Communications</i> , 2019 , 10, 3476	17.4	82
181	Drug-Placebo Additivity in Randomized Clinical Trials. <i>Clinical Pharmacology and Therapeutics</i> , 2019 , 106, 1191-1197	6.1	6
180	Yield of whole exome sequencing in undiagnosed patients facing insurance coverage barriers to genetic testing. <i>Journal of Genetic Counseling</i> , 2019 , 28, 1107-1118	2.5	20
179	Reaction rate of pyruvate and hydrogen peroxide: assessing antioxidant capacity of pyruvate under biological conditions. <i>Scientific Reports</i> , 2019 , 9, 19568	4.9	20
178	Facing Uncertainty. <i>New England Journal of Medicine</i> , 2019 , 381, 2253-2259	59.2	2
177	Visualizing RNA dynamics in live cells with bright and stable fluorescent RNAs. <i>Nature Biotechnology</i> , 2019 , 37, 1287-1293	44.5	95

158	Analysis of redox landscapes and dynamics in living cells and in vivo using genetically encoded fluorescent sensors. <i>Nature Protocols</i> , 2018 , 13, 2362-2386	18.8	46
157	Effect of Genetic Diagnosis on Patients with Previously Undiagnosed Disease. <i>New England Journal of Medicine</i> , 2018 , 379, 2131-2139	59.2	129
156	Inflammation, Immunity, and Infection in Atherothrombosis: JACC Review Topic of the Week. <i>Journal of the American College of Cardiology</i> , 2018 , 72, 2071-2081	15.1	256
155	MicroRNA Dysregulation in Pulmonary Arteries from Chronic Obstructive Pulmonary Disease. Relationships with Vascular Remodeling. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018 , 59, 490-499	5.7	23
154	Network-Based Disease Module Discovery by a Novel Seed Connector Algorithm with Pathobiological Implications. <i>Journal of Molecular Biology</i> , 2018 , 430, 2939-2950	6.5	26
153	Case 8-2018: A Woman with Shock and Labile Blood Pressure. <i>New England Journal of Medicine</i> , 2018 , 378, 2146-2147	59.2	
152	Controllability in an islet specific regulatory network identifies the transcriptional factor NFATC4, which regulates Type 2 Diabetes associated genes. <i>Npj Systems Biology and Applications</i> , 2018 , 4, 25	5	14
151	Dyspnea and Edema in a Woman With Antiphospholipid Syndrome. <i>JAMA Cardiology</i> , 2018 , 3, 1123-1124	6.2	
150	Making the Connection. <i>New England Journal of Medicine</i> , 2017 , 376, 476-482	59.2	1
149	International Exchange and American Medicine. <i>New England Journal of Medicine</i> , 2017 , 376, e40	59.2	6
148	The Undiagnosed Diseases Network: Accelerating Discovery about Health and Disease. <i>American Journal of Human Genetics</i> , 2017 , 100, 185-192	11	102
147	Precision Psychiatry Meets Network Medicine: Network Psychiatry. <i>JAMA Psychiatry</i> , 2017 , 74, 665-666	14.5	12
146	Autoimmune Cardiotoxicity of Cancer Immunotherapy. <i>Trends in Immunology</i> , 2017 , 38, 77-78	14.4	27
145	Responses to reductive stress in the cardiovascular system. <i>Free Radical Biology and Medicine</i> , 2017 , 109, 114-124	7.8	74
144	The Role of Nitroglycerin and Other Nitrogen Oxides in Cardiovascular Therapeutics. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 2393-2410	15.1	65
143	Categorizing biomedical research: the basics of translation. <i>FASEB Journal</i> , 2017 , 31, 3210-3215	0.9	4
142	NIH Centers for Accelerated Innovations Program: principles, practices, successes and challenges. <i>Nature Reviews Drug Discovery</i> , 2017 , 16, 663-664	64.1	2
141	An Unusual Cause of Leg Pain. <i>New England Journal of Medicine</i> , 2017 , 377, 2267-2272	59.2	

140	Genetically encoded fluorescent sensors reveal dynamic regulation of NADPH metabolism. <i>Nature Methods</i> , 2017 , 14, 720-728	21.6	143
139	Putting the Patient Back Together - Social Medicine, Network Medicine, and the Limits of Reductionism. <i>New England Journal of Medicine</i> , 2017 , 377, 2493-2499	59.2	85
138	Network analysis of the genomic basis of the placebo effect. <i>JCI Insight</i> , 2017 , 2,	9.9	31
137	Network Medicine 2017 ,		36
136	CLINICAL PROBLEM-SOLVING. Tip of the Tongue. <i>New England Journal of Medicine</i> , 2016 , 375, 880-6	59.2	3
135	Genetic Misdiagnoses and the Potential for Health Disparities. <i>New England Journal of Medicine</i> , 2016 , 375, 655-65	59.2	394
134	Randomized Controlled Trial of Social Media: Effect of Increased Intensity of the Intervention. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	34
133	Selenoprotein Gene Nomenclature. <i>Journal of Biological Chemistry</i> , 2016 , 291, 24036-24040	5.4	147
132	Tissue Specificity of Human Disease Module. <i>Scientific Reports</i> , 2016 , 6, 35241	4.9	62
131	Endophenotype Network Models: Common Core of Complex Diseases. <i>Scientific Reports</i> , 2016 , 6, 27414	4.9	55
130	The Future of Cardiovascular Therapeutics. <i>Circulation</i> , 2016 , 133, 2610-7	16.7	14
129	Looking Back, Looking Forward. <i>Circulation</i> , 2016 , 133, 2599-2600	16.7	
128	Precision medicine in cardiology. <i>Nature Reviews Cardiology</i> , 2016 , 13, 591-602	14.8	115
127	Up-regulation of the mammalian target of rapamycin complex 1 subunit Raptor by aldosterone induces abnormal pulmonary artery smooth muscle cell survival patterns to promote pulmonary arterial hypertension. <i>FASEB Journal</i> , 2016 , 30, 2511-27	0.9	28
126	Illuminating drug action by network integration of disease genes: a case study of myocardial infarction. <i>Molecular BioSystems</i> , 2016 , 12, 1653-66		17
125	Early pregnancy vitamin D status and risk of preeclampsia. <i>Journal of Clinical Investigation</i> , 2016 , 126, 4702-4715	15.9	105
124	Incorporation of heparin-binding proteins into preformed dextran sulfate-chitosan nanoparticles. <i>International Journal of Nanomedicine</i> , 2016 , 11, 6149-6159	7.3	9
123	Comparison of Protein N-Homocysteinylation in Rat Plasma under Elevated Homocysteine Using a Specific Chemical Labeling Method. <i>Molecules</i> , 2016 , 21,	4.8	4

14	Changes in the amplitude of cyclic load biphasically modulate endothelial cell DNA synthesis and division. <i>Vascular Medicine</i> , 1997 , <i>2</i> , 19-24	3.3	13
13	Hyperhomocyst(e)inemia and atherothrombosis. <i>Annals of the New York Academy of Sciences</i> , 1997 , <i>811</i> , 48-58; discussion 58-9	6.5	82
12	The Narrow Therapeutic Index of Thrombin Inhibition: Implications for Newer Antithrombotic Therapies. <i>Journal of Thrombosis and Thrombolysis</i> , 1997 , <i>4</i> , 315-316	5.1	
11	The vascular biology of S-nitrosothiols, nitrosated derivatives of thiols. <i>Vascular Medicine</i> , 1996 , <i>1</i> , 25-33	3.3	11
10	Homocysteine, EDRF, and endothelial function. <i>Journal of Nutrition</i> , 1996 , <i>126</i> , 1290S-4S	4.1	48
9	Thrombin inhibitors in fibrinolysis. A Hobson's choice of alternatives. <i>Circulation</i> , 1996 , <i>94</i> , 863-5	16.7	6
8	Restenosis following coronary angioplasty: clinical presentations and therapeutic options. <i>Clinical Cardiology</i> , 1995 , <i>18</i> , 693-703	3.3	48
7	Platelets and Plasminogen Activation. <i>Thrombosis and Haemostasis</i> , 1995 , <i>74</i> , 291-293	7	16
6	The induction of cellular interactions in atherogenesis and their modulation. <i>Biochemical Society Transactions</i> , 1993 , <i>21</i> (Pt 3), 656-9	5.1	4
5	A redox-based mechanism for the neuroprotective and neurodestructive effects of nitric oxide and related nitroso-compounds. <i>Nature</i> , 1993 , <i>364</i> , 626-32	50.4	2254
4	Antiplatelet and antithrombotic effects of organic nitrates. <i>American Journal of Cardiology</i> , 1992 , <i>70</i> , 18B-22B	3	85
3	Thrombolysis in the management of acute myocardial infarction and unstable angina pectoris. <i>Drugs</i> , 1989 , <i>37</i> , 191-204	12.1	5
2	Tissue plasminogen activator and acute pulmonary embolism. <i>Journal of Cellular Biochemistry</i> , 1988 , <i>38</i> , 303-12	4.7	5
1	Structure of pre-pro-von Willebrand factor and its expression in heterologous cells. <i>Nature</i> , 1986 , <i>324</i> , 270-3	50.4	194