# Joseph Loscalzo

# 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.

68 19,844 247 139 h-index g-index citations papers 263 16.5 24,236 7.38 avg, IF L-index ext. citations ext. papers

#	Paper	IF	Citations
247	The inclusion of augmented intelligence in medicine: A framework for successful implementation <i>Cell Reports Medicine</i> , <b>2022</b> , 3, 100485	18	1
246	Comprehensive network medicine-based drug repositioning via integration of therapeutic efficacy and side effects <i>Npj Systems Biology and Applications</i> , <b>2022</b> , 8, 12	5	1
245	A crosslinked dextran sulfate-chitosan nanoparticle for delivery of therapeutic heparin-binding proteins. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 610, 121287	6.5	O
244	Interferon-Impairs Human Coronary Artery Endothelial Glucose Metabolism by Tryptophan Catabolism and Activates Fatty Acid Oxidation. <i>Circulation</i> , <b>2021</b> , 144, 1612-1628	16.7	5
243	Hard to Swallow. New England Journal of Medicine, 2021, 385, 1421-1427	59.2	1
242	Prevention of vascular calcification by the endogenous chromogranin A-derived mediator that inhibits osteogenic transdifferentiation. <i>Basic Research in Cardiology</i> , <b>2021</b> , 116, 57	11.8	3
241	Network medicine in Cardiovascular Research. <i>Cardiovascular Research</i> , <b>2021</b> , 117, 2186-2202	9.9	6
240	Clinical epigenetics settings for cancer and cardiovascular diseases: real-life applications of network medicine at the bedside. <i>Clinical Epigenetics</i> , <b>2021</b> , 13, 66	7.7	9
239	A Treacherous Course. New England Journal of Medicine, 2021, 384, 860-865	59.2	
238	Network medicine framework shows that proximity of polyphenol targets and disease proteins predicts therapeutic effects of polyphenols. <i>Nature Food</i> , <b>2021</b> , 2, 143-155	14.4	14
237	NHLBI-CMREF Workshop Report on Pulmonary Vascular Disease Classification: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , <b>2021</b> , 77, 2040-2052	15.1	6
236	Superior Mesenteric Artery Dissection: Classical Presentation, Novel Genetic Determinants. <i>JACC:</i> Case Reports, <b>2021</b> , 3, 690-693	1.2	O
235	Immunometabolic Endothelial Phenotypes: Integrating Inflammation and Glucose Metabolism. <i>Circulation Research</i> , <b>2021</b> , 129, 9-29	15.7	7
234	Network medicine framework for identifying drug-repurposing opportunities for COVID-19. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	77
233	Multidose evaluation of 6,710 drug repurposing library identifies potent SARS-CoV-2 infection inhibitors and <b>2021</b> ,		3
232	COVID-19 and Cardiovascular Disease: From Bench to Bedside. <i>Circulation Research</i> , <b>2021</b> , 128, 1214-12	3 <b>6</b> 5.7	57
231	Hypertensive Heartbreak. <i>New England Journal of Medicine</i> , <b>2021</b> , 384, 2145-2152	59.2	

## (2020-2021)

230	NEDD9 Is a Novel and Modifiable Mediator of Platelet-Endothelial Adhesion in the Pulmonary Circulation. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2021</b> , 203, 1533-1545	10.2	3
229	Diagnosis and Treatment of Right Heart Failure in Pulmonary Vascular Diseases: A National Heart, Lung, and Blood Institute Workshop. <i>Circulation: Heart Failure</i> , <b>2021</b> , 14,	7.6	1
228	Network module-based drug repositioning for pulmonary arterial hypertension. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , <b>2021</b> , 10, 994-1005	4.5	3
227	James T. Willerson, MD. <i>Circulation</i> , <b>2021</b> , 143, 1537-1538	16.7	
226	An overview of the process, progress, and outcomes of a National Center for Accelerated Innovation: The Boston Biomedical Innovation Center Experience. <i>Journal of Clinical and Translational Science</i> , <b>2021</b> , 5, e137	0.4	
225	Gene co-expression in the interactome: moving from correlation toward causation via an integrated approach to disease module discovery. <i>Npj Systems Biology and Applications</i> , <b>2021</b> , 7, 3	5	29
224	Associations of methyl donor and methylation inhibitor levels during anti-oxidant therapy in heart failure. <i>Journal of Physiology and Biochemistry</i> , <b>2021</b> , 77, 295-304	5	
223	Comprehensive characterization of protein-protein interactions perturbed by disease mutations. <i>Nature Genetics</i> , <b>2021</b> , 53, 342-353	36.3	27
222	Temporal bias in case-control design: preventing reliable predictions of the future. <i>Nature Communications</i> , <b>2021</b> , 12, 1107	17.4	8
221	Individualized interactomes for network-based precision medicine in hypertrophic cardiomyopathy with implications for other clinical pathophenotypes. <i>Nature Communications</i> , <b>2021</b> , 12, 873	17.4	18
220	Retinal Protection by Sustained Nanoparticle Delivery of Oncostatin M and Ciliary Neurotrophic Factor Into Rodent Models of Retinal Degeneration. <i>Translational Vision Science and Technology</i> , <b>2021</b> , 10, 6	3.3	4
219	Selenium, a Micronutrient That Modulates Cardiovascular Health via Redox Enzymology. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	6
218	The Game Is Afoot. New England Journal of Medicine, 2020, 382, 2249-2255	59.2	O
217	MDH1-mediated malate-aspartate NADH shuttle maintains the activity levels of fetal liver hematopoietic stem cells. <i>Blood</i> , <b>2020</b> , 136, 553-571	2.2	6
216	Creating Real Change at Academic Medical Centers - How Social Movements Can Be Timely Catalysts. <i>New England Journal of Medicine</i> , <b>2020</b> , 383, 199-201	59.2	17
215	Response by Eberly et al to Letter Regarding Article, "Identification of Racial Inequities in Access to Specialized Inpatient Heart Failure Care at an Academic Medical Center". <i>Circulation: Heart Failure</i> , <b>2020</b> , 13, e007193	7.6	1
214	Illuminating NAD Metabolism in Live Cells and In Vivo Using a Genetically Encoded Fluorescent Sensor. <i>Developmental Cell</i> , <b>2020</b> , 53, 240-252.e7	10.2	32
213	Missing the Target. New England Journal of Medicine, <b>2020</b> , 382, 1353-1359	59.2	

212	Target identification among known drugs by deep learning from heterogeneous networks. <i>Chemical Science</i> , <b>2020</b> , 11, 1775-1797	9.4	91
211	A Rapid Change in Pressure. New England Journal of Medicine, 2020, 382, 563-570	59.2	3
<b>2</b> 10	The application of big data to cardiovascular disease: paths to precision medicine. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 29-38	15.9	34
209	Parroting Lymphoma. New England Journal of Medicine, 2020, 383, 1376-1381	59.2	Ο
208	The unmapped chemical complexity of our diet. <i>Nature Food</i> , <b>2020</b> , 1, 33-37	14.4	99
207	Systems biology and network medicine: An integrated approach to redox biology and pathobiology <b>2020</b> , 29-49		2
206	Early-pregnancy transcriptome signatures of preeclampsia: from peripheral blood to placenta. <i>Scientific Reports</i> , <b>2020</b> , 10, 17029	4.9	3
205	Importance of scientific collaboration in contemporary drug discovery and development: a detailed network analysis. <i>BMC Biology</i> , <b>2020</b> , 18, 138	7.3	3
204	Strengthening national nutrition research: rationale and options for a new coordinated federal research effort and authority. <i>American Journal of Clinical Nutrition</i> , <b>2020</b> , 112, 721-769	7	12
203	A systematic comprehensive longitudinal evaluation of dietary factors associated with acute myocardial infarction and fatal coronary heart disease. <i>Nature Communications</i> , <b>2020</b> , 11, 6074	17.4	10
202	Robustness and lethality in multilayer biological molecular networks. <i>Nature Communications</i> , <b>2020</b> , 11, 6043	17.4	20
201	Network determinants of cardiovascular calcification and repositioned drug treatments. <i>FASEB Journal</i> , <b>2020</b> , 34, 11087-11100	0.9	8
200	A global network for network medicine. Npj Systems Biology and Applications, 2020, 6, 29	5	6
199	The Undiagnosed Diseases Network as a Tool for Graduate Medical Education. <i>American Journal of Medicine</i> , <b>2020</b> , 133, e18-e22	2.4	
198	Metabolic Responses to Reductive Stress. Antioxidants and Redox Signaling, 2020, 32, 1330-1347	8.4	76
197	Molecular networks in Network Medicine: Development and applications. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, <b>2020</b> , 12, e1489	6.6	63
196	Network Medicine Framework for Identifying Drug Repurposing Opportunities for COVID-19 <b>2020</b> ,		4
195	Identification of Racial Inequities in Access to Specialized Inpatient Heart Failure Care at an Academic Medical Center. <i>Circulation: Heart Failure</i> , <b>2019</b> , 12, e006214	7.6	43

## (2019-2019)

194	Systems pharmacogenomics - gene, disease, drug and placebo interactions: a case study in COMT. <i>Pharmacogenomics</i> , <b>2019</b> , 20, 529-551	2.6	8
193	The Element of Surprise. New England Journal of Medicine, 2019, 381, 1365-1371	59.2	2
192	A Disturbing Decline. New England Journal of Medicine, 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> , <b>2019</b> , 73, 1978-1986	15.1	59
190	Network Medicine in Pathobiology. American Journal of Pathology, 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> , <b>2019</b> , 179, 958-965	2.5	3
188	Gasping for a Diagnosis. New England Journal of Medicine, 2019, 380, 961-967	59.2	
187	Precision Medicine. Circulation Research, <b>2019</b> , 124, 987-989	15.7	11
186	A Dangerous Detour. New England Journal of Medicine, 2019, 380, 1360-1365	59.2	1
185	Epigenetic Inheritance Underlying Pulmonary Arterial Hypertension. <i>Arteriosclerosis, Thrombosis, and Vascular Biology,</i> <b>2019</b> , 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> , <b>2019</b> , 66, 456-459	4	5
183	Fine-Tuning of PGC1Expression Regulates Cardiac Function and Longevity. <i>Circulation Research</i> , <b>2019</b> , 125, 707-719	15.7	17
182	A genome-wide positioning systems network algorithm for in silico drug repurposing. <i>Nature Communications</i> , <b>2019</b> , 10, 3476	17.4	82
181	Drug-Placebo Additivity in Randomized Clinical Trials. <i>Clinical Pharmacology and Therapeutics</i> , <b>2019</b> , 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> , <b>2019</b> , 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> , <b>2019</b> , 9, 19568	4.9	20
178	Facing Uncertainty. New England Journal of Medicine, 2019, 381, 2253-2259	59.2	2
177	Visualizing RNA dynamics in live cells with bright and stable fluorescent RNAs. <i>Nature Biotechnology</i> , <b>2019</b> , 37, 1287-1293	44.5	95

176	A Breath-Taking Diagnosis. New England Journal of Medicine, 2019, 380, 81-87	59.2	2
175	An Unexpected Expectoration. New England Journal of Medicine, 2018, 378, 853-858	59.2	
174	A Systems Approach to Refine Disease Taxonomy by Integrating Phenotypic and Molecular Networks. <i>EBioMedicine</i> , <b>2018</b> , 31, 79-91	8.8	30
173	Pulmonary Comorbidity in Lung Cancer. <i>Trends in Molecular Medicine</i> , <b>2018</b> , 24, 239-241	11.5	5
172	Network Analysis to Risk Stratify Patients With Exercise Intolerance. <i>Circulation Research</i> , <b>2018</b> , 122, 864-876	15.7	29
171	Pre-clinical model of severe glutathione peroxidase-3 deficiency and chronic kidney disease results in coronary artery thrombosis and depressed left ventricular function. <i>Nephrology Dialysis Transplantation</i> , <b>2018</b> , 33, 923-934	4.3	19
170	Emerging Role of Precision Medicine in Cardiovascular Disease. <i>Circulation Research</i> , <b>2018</b> , 122, 1302-13	3 <b>15</b> .7	123
169	Case 8-2018: A 55-Year-Old Woman with Shock and Labile Blood Pressure. <i>New England Journal of Medicine</i> , <b>2018</b> , 378, 1043-1053	59.2	13
168	Spatiotemporal Multi-Omics Mapping Generates a Molecular Atlas of the Aortic Valve and Reveals Networks Driving Disease. <i>Circulation</i> , <b>2018</b> , 138, 377-393	16.7	102
167	Efficient Computational Modeling of Human Ventricular Activation and Its Electrocardiographic Representation: A Sensitivity Study. <i>Cardiovascular Engineering and Technology</i> , <b>2018</b> , 9, 447-467	2.2	5
166	NAD(H) and NADP(H) Redox Couples and Cellular Energy Metabolism. <i>Antioxidants and Redox Signaling</i> , <b>2018</b> , 28, 251-272	8.4	245
165	A Headache of a Diagnosis. New England Journal of Medicine, 2018, 379, 475-479	59.2	4
164	Network-based approach to prediction and population-based validation of in silico drug repurposing. <i>Nature Communications</i> , <b>2018</b> , 9, 2691	17.4	208
163	An integrated clinical program and crowdsourcing strategy for genomic sequencing and Mendelian disease gene discovery. <i>Npj Genomic Medicine</i> , <b>2018</b> , 3, 21	6.2	15
162	A Shocking Turn of Events. New England Journal of Medicine, 2018, 378, 2225-2230	59.2	2
161	NEDD9 targets to promote endothelial fibrosis and pulmonary arterial hypertension. <i>Science Translational Medicine</i> , <b>2018</b> , 10,	17.5	52
160	Determinants of drug-target interactions at the single cell level. <i>PLoS Computational Biology</i> , <b>2018</b> , 14, e1006601	5	13
159	Expert Panel Discusses the Importance of Systems Medicine. <i>Systems Medicine (New Rochelle, N Y )</i> , <b>2018</b> , 1, 3-8	1.6	1

158	Analysis of redox landscapes and dynamics in living cells and in vivo using genetically encoded fluorescent sensors. <i>Nature Protocols</i> , <b>2018</b> , 13, 2362-2386	18.8	46
157	Effect of Genetic Diagnosis on Patients with Previously Undiagnosed Disease. <i>New England Journal of Medicine</i> , <b>2018</b> , 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> , <b>2018</b> , 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> , <b>2018</b> , 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> , <b>2018</b> , 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> , <b>2018</b> , 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> , <b>2018</b> , 4, 25	5	14
151	Dyspnea and Edema in a Woman With Antiphospholipid Syndrome. <i>JAMA Cardiology</i> , <b>2018</b> , 3, 1123-112	416.2	
150	Making the Connection. New England Journal of Medicine, 2017, 376, 476-482	59.2	1
149	International Exchange and American Medicine. New England Journal of Medicine, 2017, 376, e40	59.2	6
148	The Undiagnosed Diseases Network: Accelerating Discovery about Health and Disease. <i>American Journal of Human Genetics</i> , <b>2017</b> , 100, 185-192	11	102
147	Precision Psychiatry Meets Network Medicine: Network Psychiatry. <i>JAMA Psychiatry</i> , <b>2017</b> , 74, 665-666	14.5	12
146	Autoimmune Cardiotoxicity of Cancer Immunotherapy. <i>Trends in Immunology</i> , <b>2017</b> , 38, 77-78	14.4	27
145	Responses to reductive stress in the cardiovascular system. <i>Free Radical Biology and Medicine</i> , <b>2017</b> , 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> , <b>2017</b> , 70, 2393-2410	15.1	65
143	Categorizing biomedical research: the basics of translation. <i>FASEB Journal</i> , <b>2017</b> , 31, 3210-3215	0.9	4
142	NIH Centers for Accelerated Innovations Program: principles, practices, successes and challenges. <i>Nature Reviews Drug Discovery</i> , <b>2017</b> , 16, 663-664	64.1	2
141	An Unusual Cause of Leg Pain. New England Journal of Medicine, 2017, 377, 2267-2272	59.2	

140	Genetically encoded fluorescent sensors reveal dynamic regulation of NADPH metabolism. <i>Nature Methods</i> , <b>2017</b> , 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> , <b>2017</b> , 377, 2493-2499	59.2	85
138	Network analysis of the genomic basis of the placebo effect. JCI Insight, 2017, 2,	9.9	31
137	Network Medicine <b>2017</b> ,		36
136	CLINICAL PROBLEM-SOLVING. Tip of the Tongue. New England Journal of Medicine, 2016, 375, 880-6	59.2	3
135	Genetic Misdiagnoses and the Potential for Health Disparities. <i>New England Journal of Medicine</i> , <b>2016</b> , 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> , <b>2016</b> , 5,	6	34
133	Selenoprotein Gene Nomenclature. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 24036-24040	5.4	147
132	Tissue Specificity of Human Disease Module. <i>Scientific Reports</i> , <b>2016</b> , 6, 35241	4.9	62
131	Endophenotype Network Models: Common Core of Complex Diseases. <i>Scientific Reports</i> , <b>2016</b> , 6, 2741	44.9	55
130	The Future of Cardiovascular Therapeutics. <i>Circulation</i> , <b>2016</b> , 133, 2610-7	16.7	14
129	Looking Back, Looking Forward. <i>Circulation</i> , <b>2016</b> , 133, 2599-2600	16.7	
128	Precision medicine in cardiology. <i>Nature Reviews Cardiology</i> , <b>2016</b> , 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> , <b>2016</b> , 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> , <b>2016</b> , 12, 1653-66		17
125	Early pregnancy vitamin D status and risk of preeclampsia. <i>Journal of Clinical Investigation</i> , <b>2016</b> , 126, 4702-4715	15.9	105
124	Incorporation of heparin-binding proteins into preformed dextran sulfate-chitosan nanoparticles. <i>International Journal of Nanomedicine</i> , <b>2016</b> , 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> , <b>2016</b> , 21,	4.8	4

## (2014-2016)

122	Systems Pharmacology and Rational Polypharmacy: Nitric Oxide-Cyclic GMP Signaling Pathway as an Illustrative Example and Derivation of the General Case. <i>PLoS Computational Biology</i> , <b>2016</b> , 12, e100	4822	19
121	In vivo monitoring of cellular energy metabolism using SoNar, a highly responsive sensor for NAD(+)/NADH redox state. <i>Nature Protocols</i> , <b>2016</b> , 11, 1345-59	18.8	83
120	The Future of Medical Journal Publishing: The Journal Editor® Perspective: Looking Back, Looking Forward. <i>Circulation</i> , <b>2016</b> , 133, 1621-4	16.7	1
119	CLINICAL PROBLEM-SOLVING. Eye of the Beholder. <i>New England Journal of Medicine</i> , <b>2016</b> , 374, 1774-9	9 59.2	2
118	Caveolin 1 Modulates Aldosterone-Mediated Pathways of Glucose and Lipid Homeostasis. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5,	6	33
117	Adaptions to Hypoxia and Redox Stress: Essential Concepts Confounded by Misleading Terminology. <i>Circulation Research</i> , <b>2016</b> , 119, 511-3	15.7	16
116	Hypoxia-Mediated Increases in L-2-hydroxyglutarate Coordinate the Metabolic Response to Reductive Stress. <i>Cell Metabolism</i> , <b>2015</b> , 22, 291-303	24.6	206
115	A randomized trial of social media from Circulation. <i>Circulation</i> , <b>2015</b> , 131, 28-33	16.7	77
114	Nitroglycerin and Nitric OxideA Rondo of Themes in Cardiovascular Therapeutics. <i>New England Journal of Medicine</i> , <b>2015</b> , 373, 277-80	59.2	19
113	American Heart Association Cardiovascular Genome-Phenome Study: foundational basis and program. <i>Circulation</i> , <b>2015</b> , 131, 100-12	16.7	19
112	SoNar, a Highly Responsive NAD+/NADH Sensor, Allows High-Throughput Metabolic Screening of Anti-tumor Agents. <i>Cell Metabolism</i> , <b>2015</b> , 21, 777-89	24.6	228
111	Genetics and the placebo effect: the placebome. <i>Trends in Molecular Medicine</i> , <b>2015</b> , 21, 285-94	11.5	152
110	Disease networks. Uncovering disease-disease relationships through the incomplete interactome. <i>Science</i> , <b>2015</b> , 347, 1257601	33.3	767
109	Incorporation of SDF-1linto Pre-formed Dextran Sulfate and Chitosan Nanoparticles. <i>FASEB Journal</i> , <b>2015</b> , 29, LB645	0.9	
108	Keshan disease, selenium deficiency, and the selenoproteome. <i>New England Journal of Medicine</i> , <b>2014</b> , 370, 1756-60	59.2	134
107	Polymorphisms in catechol-O-methyltransferase modify treatment effects of aspirin on risk of cardiovascular disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology,</i> <b>2014</b> , 34, 2160-7	9.4	31
106	Complexity and network dynamics in physiological adaptation: an integrated view. <i>Physiology and Behavior</i> , <b>2014</b> , 131, 49-56	3.5	22
105	Quantitative imaging of selenoprotein with multi-isotope imaging mass spectrometry (MIMS). <i>Surface and Interface Analysis</i> , <b>2014</b> , 46, 154-157	1.5	6

104	Network-based association of hypoxia-responsive genes with cardiovascular diseases. <i>New Journal of Physics</i> , <b>2014</b> , 16, 105014	2.9	10
103	Upregulation of steroidogenic acute regulatory protein by hypoxia stimulates aldosterone synthesis in pulmonary artery endothelial cells to promote pulmonary vascular fibrosis. <i>Circulation</i> , <b>2014</b> , 130, 168-79	16.7	41
102	Epigenetic modifications: basic mechanisms and role in cardiovascular disease (2013 Grover Conference series). <i>Pulmonary Circulation</i> , <b>2014</b> , 4, 169-74	2.7	91
101	Real-time assessment of the metabolic profile of living cells with genetically encoded NADH sensors. <i>Methods in Enzymology</i> , <b>2014</b> , 542, 349-67	1.7	9
100	Redox Dysregulation in Vascular Pathobiology. Free Radical Biology and Medicine, 2014, 75 Suppl 1, S2	7.8	4
99	Analyzing networks of phenotypes in complex diseases: methodology and applications in COPD. <i>BMC Systems Biology</i> , <b>2014</b> , 8, 78	3.5	26
98	Plasma levels of the proinflammatory chitin-binding glycoprotein YKL-40, variation in the chitinase 3-like 1 gene (CHI3L1), and incident cardiovascular events. <i>Journal of the American Heart Association</i> , <b>2014</b> , 3, e000897	6	34
97	Tumor necrosis factor-Emediated suppression of dual-specificity phosphatase 4: crosstalk between NFB and MAPK regulates endothelial cell survival. <i>Molecular and Cellular Biochemistry</i> , <b>2013</b> , 382, 153-62	4.2	13
96	Venous thrombosis in the nephrotic syndrome. New England Journal of Medicine, 2013, 368, 956-8	59.2	57
95	S-nitrosothiols and the S-nitrosoproteome of the cardiovascular system. <i>Antioxidants and Redox Signaling</i> , <b>2013</b> , 18, 270-87	8.4	69
94	The identification of nitric oxide as endothelium-derived relaxing factor. <i>Circulation Research</i> , <b>2013</b> , 113, 100-3	15.7	55
93	Plasma aldosterone levels are elevated in patients with pulmonary arterial hypertension in the absence of left ventricular heart failure: a pilot study. <i>European Journal of Heart Failure</i> , <b>2013</b> , 15, 277-8	3 <sup>12.3</sup>	74
92	Selenistasis: epistatic effects of selenium on cardiovascular phenotype. <i>Nutrients</i> , <b>2013</b> , 5, 340-58	6.7	40
91	Raptor activation by aldosterone promotes apoptosis resistance in pulmonary artery smooth muscle cells to modulate adverse pulmonary vascular remodeling in pulmonary arterial hypertension. <i>FASEB Journal</i> , <b>2013</b> , 27, 1199.1	0.9	1
90	Aldosterone Activates Autophagy To Increase Fibroblast Collagen Synthesis and Vascular Stiffness. <i>FASEB Journal</i> , <b>2013</b> , 27, 1188.9	0.9	
89	SDF-1 alpha Nanoglycan Complexes Exhibit Exended Retention Time and Beneficial Effect in Pulmonary Hypertension. <i>FASEB Journal</i> , <b>2013</b> , 27, 1217.34	0.9	
88	MicroRNA-21 integrates pathogenic signaling to control pulmonary hypertension: results of a network bioinformatics approach. <i>Circulation</i> , <b>2012</b> , 125, 1520-32	16.7	207
87	From clinical observation to mechanismHeydeß syndrome. <i>New England Journal of Medicine</i> , <b>2012</b> , 367, 1954-6	59.2	111

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