

Joseph Loscalzo

List of Publications by Year in descending order

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Version: 2024-02-01

258
papers

27,520
citations

8172

76
h-index

6128

159
g-index

263
all docs

263
docs citations

263
times ranked

35636
citing authors

#	ARTICLE	IF	CITATIONS
1	The inclusion of augmented intelligence in medicine: A framework for successful implementation. <i>Cell Reports Medicine</i> , 2022, 3, 100485.	3.3	27
2	Comprehensive network medicine-based drug repositioning via integration of therapeutic efficacy and side effects. <i>Npj Systems Biology and Applications</i> , 2022, 8, 12.	1.4	9
3	The role of glutathione peroxidase-1 in health and disease. <i>Free Radical Biology and Medicine</i> , 2022, 188, 146-161.	1.3	61
4	What Causes Hypertrophic Cardiomyopathy?. <i>American Journal of Cardiology</i> , 2022, 179, 74-82.	0.7	10
5	Network medicine in <i>Cardiovascular Research</i> . <i>Cardiovascular Research</i> , 2021, 117, 2186-2202.	1.8	23
6	James T. Willerson, MD. <i>Circulation</i> , 2021, 143, 1537-1538.	1.6	0
7	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> , 2021, 5, e137.	0.3	0
8	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> , 2021, 7, 3.	1.4	64
9	Associations of methyl donor and methylation inhibitor levels during anti-oxidant therapy in heart failure. <i>Journal of Physiology and Biochemistry</i> , 2021, 77, 295-304.	1.3	0
10	Comprehensive characterization of protein-protein interactions perturbed by disease mutations. <i>Nature Genetics</i> , 2021, 53, 342-353.	9.4	109
11	Temporal bias in case-control design: preventing reliable predictions of the future. <i>Nature Communications</i> , 2021, 12, 1107.	5.8	33
12	Individualized interactomes for network-based precision medicine in hypertrophic cardiomyopathy with implications for other clinical pathophenotypes. <i>Nature Communications</i> , 2021, 12, 873.	5.8	53
13	Clinical epigenetics settings for cancer and cardiovascular diseases: real-life applications of network medicine at the bedside. <i>Clinical Epigenetics</i> , 2021, 13, 66.	1.8	36
14	A Treacherous Course. <i>New England Journal of Medicine</i> , 2021, 384, 860-865.	13.9	0
15	Network medicine framework shows that proximity of polyphenol targets and disease proteins predicts therapeutic effects of polyphenols. <i>Nature Food</i> , 2021, 2, 143-155.	6.2	57
16	NHLBI-CMREF Workshop Report on Pulmonary Vascular Disease Classification. <i>Journal of the American College of Cardiology</i> , 2021, 77, 2040-2052.	1.2	13
17	Superior Mesenteric Artery Dissection. <i>JACC: Case Reports</i> , 2021, 3, 690-693.	0.3	1
18	Immunometabolic Endothelial Phenotypes: Integrating Inflammation and Glucose Metabolism. <i>Circulation Research</i> , 2021, 129, 9-29.	2.0	38

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19	Network medicine framework for identifying drug-repurposing opportunities for COVID-19. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	245
20	COVID-19 and Cardiovascular Disease. Circulation Research, 2021, 128, 1214-1236.	2.0	232
21	Hypertensive Heartbreak. New England Journal of Medicine, 2021, 384, 2145-2152.	13.9	1
22	NEDD9 Is a Novel and Modifiable Mediator of Platelet-Endothelial Adhesion in the Pulmonary Circulation. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 1533-1545.	2.5	14
23	Diagnosis and Treatment of Right Heart Failure in Pulmonary Vascular Diseases: A National Heart, Lung, and Blood Institute Workshop. Circulation: Heart Failure, 2021, 14, .	1.6	11
24	Network module-based drug repositioning for pulmonary arterial hypertension. CPT: Pharmacometrics and Systems Pharmacology, 2021, 10, 994-1005.	1.3	10
25	Retinal Protection by Sustained Nanoparticle Delivery of Oncostatin M and Ciliary Neurotrophic Factor Into Rodent Models of Retinal Degeneration. Translational Vision Science and Technology, 2021, 10, 6.	1.1	11
26	Selenium, a Micronutrient That Modulates Cardiovascular Health via Redox Enzymology. Nutrients, 2021, 13, 3238.	1.7	40
27	Interferon- β Impairs Human Coronary Artery Endothelial Glucose Metabolism by Tryptophan Catabolism and Activates Fatty Acid Oxidation. Circulation, 2021, 144, 1612-1628.	1.6	36
28	Hard to Swallow. New England Journal of Medicine, 2021, 385, 1421-1427.	13.9	3
29	Prevention of vascular calcification by the endogenous chromogranin A-derived mediator that inhibits osteogenic transdifferentiation. Basic Research in Cardiology, 2021, 116, 57.	2.5	3
30	A crosslinked dextran sulfate-chitosan nanoparticle for delivery of therapeutic heparin-binding proteins. International Journal of Pharmaceutics, 2021, 610, 121287.	2.6	3
31	Abstract 11024: Interferon-Gamma Impairs Human Coronary Artery Endothelial Glucose Metabolism via Tryptophan Catabolism and Activates Fatty Acid Oxidation. Circulation, 2021, 144, .	1.6	0
32	The Undiagnosed Diseases Network as a Tool for Graduate Medical Education. American Journal of Medicine, 2020, 133, e18-e22.	0.6	0
33	Metabolic Responses to Reductive Stress. Antioxidants and Redox Signaling, 2020, 32, 1330-1347.	2.5	211
34	The unmapped chemical complexity of our diet. Nature Food, 2020, 1, 33-37.	6.2	177
35	Systems biology and network medicine: An integrated approach to redox biology and pathobiology. , 2020, , 29-49.		2
36	Early-pregnancy transcriptome signatures of preeclampsia: from peripheral blood to placenta. Scientific Reports, 2020, 10, 17029.	1.6	10

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37	Importance of scientific collaboration in contemporary drug discovery and development: a detailed network analysis. <i>BMC Biology</i> , 2020, 18, 138.	1.7	10
38	Strengthening national nutrition research: rationale and options for a new coordinated federal research effort and authority. <i>American Journal of Clinical Nutrition</i> , 2020, 112, 721-769.	2.2	35
39	A systematic comprehensive longitudinal evaluation of dietary factors associated with acute myocardial infarction and fatal coronary heart disease. <i>Nature Communications</i> , 2020, 11, 6074.	5.8	37
40	Robustness and lethality in multilayer biological molecular networks. <i>Nature Communications</i> , 2020, 11, 6043.	5.8	61
41	Network determinants of cardiovascular calcification and repositioned drug treatments. <i>FASEB Journal</i> , 2020, 34, 11087-11100.	0.2	19
42	A global network for network medicine. <i>Npj Systems Biology and Applications</i> , 2020, 6, 29.	1.4	19
43	The Game Is Afoot. <i>New England Journal of Medicine</i> , 2020, 382, 2249-2255.	13.9	1
44	MDH1-mediated malate-aspartate NADH shuttle maintains the activity levels of fetal liver hematopoietic stem cells. <i>Blood</i> , 2020, 136, 553-571.	0.6	13
45	Creating Real Change at Academic Medical Centers – How Social Movements Can Be Timely Catalysts. <i>New England Journal of Medicine</i> , 2020, 383, 199-201.	13.9	31
46	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> , 2020, 13, e007193.	1.6	3
47	Illuminating NAD ⁺ Metabolism in Live Cells and In Vivo Using a Genetically Encoded Fluorescent Sensor. <i>Developmental Cell</i> , 2020, 53, 240-252.e7.	3.1	71
48	Missing the Target. <i>New England Journal of Medicine</i> , 2020, 382, 1353-1359.	13.9	0
49	Target identification among known drugs by deep learning from heterogeneous networks. <i>Chemical Science</i> , 2020, 11, 1775-1797.	3.7	193
50	A Rapid Change in Pressure. <i>New England Journal of Medicine</i> , 2020, 382, 563-570.	13.9	4
51	The Network Medicine Imperative and the Need for an International Network Medicine Consortium. <i>American Journal of Medicine</i> , 2020, 133, e451-e454.	0.6	11
52	Molecular networks in Network Medicine: Development and applications. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2020, 12, e1489.	6.6	128
53	Parrotting Lymphoma. <i>New England Journal of Medicine</i> , 2020, 383, 1376-1381.	13.9	1
54	The application of big data to cardiovascular disease: paths to precision medicine. <i>Journal of Clinical Investigation</i> , 2020, 130, 29-38.	3.9	74

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55	Network Medicine Framework for Identifying Drug Repurposing Opportunities for COVID-19. ArXiv Org, 2020, , .	1.2	4
56	Network medicine and type 2 diabetes mellitus: insights into disease mechanism and guide to precision medicine. Endocrine, 2019, 66, 456-459.	1.1	7
57	Fine-Tuning of PGC1 β Expression Regulates Cardiac Function and Longevity. Circulation Research, 2019, 125, 707-719.	2.0	47
58	A genome-wide positioning systems network algorithm for in silico drug repurposing. Nature Communications, 2019, 10, 3476.	5.8	134
59	Drug-Placebo Additivity in Randomized Clinical Trials. Clinical Pharmacology and Therapeutics, 2019, 106, 1191-1197.	2.3	11
60	Yield of whole exome sequencing in undiagnosed patients facing insurance coverage barriers to genetic testing. Journal of Genetic Counseling, 2019, 28, 1107-1118.	0.9	42
61	Identification of Racial Inequities in Access to Specialized Inpatient Heart Failure Care at an Academic Medical Center. Circulation: Heart Failure, 2019, 12, e006214.	1.6	100
62	Systems pharmacogenomics – gene, disease, drug and placebo interactions: a case study in COMT. Pharmacogenomics, 2019, 20, 529-551.	0.6	12
63	The Element of Surprise. New England Journal of Medicine, 2019, 381, 1365-1371.	13.9	4
64	A Disturbing Decline. New England Journal of Medicine, 2019, 380, 2257-2262.	13.9	2
65	Moving Beyond the Sarcomere to Explain Heterogeneity in Hypertrophic Cardiomyopathy. Journal of the American College of Cardiology, 2019, 73, 1978-1986.	1.2	124
66	Network Medicine in Pathobiology. American Journal of Pathology, 2019, 189, 1311-1326.	1.9	55
67	Reported environmental exposures are inversely associated with obtaining a genetic diagnosis in the Undiagnosed Diseases Network. American Journal of Medical Genetics, Part A, 2019, 179, 958-965.	0.7	5
68	Gasping for a Diagnosis. New England Journal of Medicine, 2019, 380, 961-967.	13.9	0
69	Precision Medicine. Circulation Research, 2019, 124, 987-989.	2.0	18
70	A Dangerous Detour. New England Journal of Medicine, 2019, 380, 1360-1365.	13.9	1
71	Epigenetic Inheritance Underlying Pulmonary Arterial Hypertension. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 653-664.	1.1	60
72	Reaction rate of pyruvate and hydrogen peroxide: assessing antioxidant capacity of pyruvate under biological conditions. Scientific Reports, 2019, 9, 19568.	1.6	47

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73	Facing Uncertainty. <i>New England Journal of Medicine</i> , 2019, 381, 2253-2259.	13.9	3
74	Visualizing RNA dynamics in live cells with bright and stable fluorescent RNAs. <i>Nature Biotechnology</i> , 2019, 37, 1287-1293.	9.4	206
75	A Breath-Taking Diagnosis. <i>New England Journal of Medicine</i> , 2019, 380, 81-87.	13.9	3
76	An Unexpected Expectoration. <i>New England Journal of Medicine</i> , 2018, 378, 853-858.	13.9	0
77	A Systems Approach to Refine Disease Taxonomy by Integrating Phenotypic and Molecular Networks. <i>EBioMedicine</i> , 2018, 31, 79-91.	2.7	60
78	Pulmonary Comorbidity in Lung Cancer. <i>Trends in Molecular Medicine</i> , 2018, 24, 239-241.	3.5	8
79	Network Analysis to Risk Stratify Patients With Exercise Intolerance. <i>Circulation Research</i> , 2018, 122, 864-876.	2.0	42
80	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> , 2018, 33, 923-934.	0.4	30
81	Nitric Oxide Signaling and Atherothrombosis Redux. <i>Circulation</i> , 2018, 137, 233-236.	1.6	10
82	Emerging Role of Precision Medicine in Cardiovascular Disease. <i>Circulation Research</i> , 2018, 122, 1302-1315.	2.0	218
83	Case 8-2018: A 55-Year-Old Woman with Shock and Labile Blood Pressure. <i>New England Journal of Medicine</i> , 2018, 378, 1043-1053.	13.9	18
84	Spatiotemporal Multi-Omics Mapping Generates a Molecular Atlas of the Aortic Valve and Reveals Networks Driving Disease. <i>Circulation</i> , 2018, 138, 377-393.	1.6	180
85	Efficient Computational Modeling of Human Ventricular Activation and Its Electrocardiographic Representation: A Sensitivity Study. <i>Cardiovascular Engineering and Technology</i> , 2018, 9, 447-467.	0.7	5
86	NAD(H) and NADP(H) Redox Couples and Cellular Energy Metabolism. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 251-272.	2.5	512
87	Determinants of drug-target interactions at the single cell level. <i>PLoS Computational Biology</i> , 2018, 14, e1006601.	1.5	23
88	Expert Panel Discusses the Importance of Systems Medicine. <i>Systems Medicine (New Rochelle, N Y)</i> , 2018, 1, 3-8.	1.4	1
89	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.	5.5	70
90	Effect of Genetic Diagnosis on Patients with Previously Undiagnosed Disease. <i>New England Journal of Medicine</i> , 2018, 379, 2131-2139.	13.9	261

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91	Inflammation, Immunity, and Infection in Atherothrombosis. <i>Journal of the American College of Cardiology</i> , 2018, 72, 2071-2081.	1.2	389
92	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.	1.4	34
93	Network-Based Disease Module Discovery by a Novel Seed Connector Algorithm with Pathobiological Implications. <i>Journal of Molecular Biology</i> , 2018, 430, 2939-2950.	2.0	41
94	Case 8-2018: A Woman with Shock and Labile Blood Pressure. <i>New England Journal of Medicine</i> , 2018, 378, 2146-2147.	13.9	0
95	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.	1.4	25
96	Dyspnea and Edema in a Woman With Antiphospholipid Syndrome. <i>JAMA Cardiology</i> , 2018, 3, 1123.	3.0	0
97	A Headache of a Diagnosis. <i>New England Journal of Medicine</i> , 2018, 379, 475-479.	13.9	5
98	Network-based approach to prediction and population-based validation of in silico drug repurposing. <i>Nature Communications</i> , 2018, 9, 2691.	5.8	351
99	An integrated clinical program and crowdsourcing strategy for genomic sequencing and Mendelian disease gene discovery. <i>Npj Genomic Medicine</i> , 2018, 3, 21.	1.7	24
100	A Shocking Turn of Events. <i>New England Journal of Medicine</i> , 2018, 378, 2225-2230.	13.9	2
101	NEDD9 targets <i>COL3A1</i> to promote endothelial fibrosis and pulmonary arterial hypertension. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	89
102	Making the Connection. <i>New England Journal of Medicine</i> , 2017, 376, 476-482.	13.9	2
103	International Exchange and American Medicine. <i>New England Journal of Medicine</i> , 2017, 376, e40.	13.9	13
104	The Undiagnosed Diseases Network: Accelerating Discovery about Health and Disease. <i>American Journal of Human Genetics</i> , 2017, 100, 185-192.	2.6	142
105	Precision Psychiatry Meets Network Medicine. <i>JAMA Psychiatry</i> , 2017, 74, 665.	6.0	19
106	Autoimmune Cardiotoxicity of Cancer Immunotherapy. <i>Trends in Immunology</i> , 2017, 38, 77-78.	2.9	32
107	Responses to reductive stress in the cardiovascular system. <i>Free Radical Biology and Medicine</i> , 2017, 109, 114-124.	1.3	107
108	The Role of Nitroglycerin and Other Nitrogen Oxides in Cardiovascular Therapeutics. <i>Journal of the American College of Cardiology</i> , 2017, 70, 2393-2410.	1.2	124

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109	Categorizing biomedical research: the basics of translation. <i>FASEB Journal</i> , 2017, 31, 3210-3215.	0.2	9
110	NIH Centers for Accelerated Innovations Program: principles, practices, successes and challenges. <i>Nature Reviews Drug Discovery</i> , 2017, 16, 663-664.	21.5	2
111	An Unusual Cause of Leg Pain. <i>New England Journal of Medicine</i> , 2017, 377, 2267-2272.	13.9	0
112	Genetically encoded fluorescent sensors reveal dynamic regulation of NADPH metabolism. <i>Nature Methods</i> , 2017, 14, 720-728.	9.0	223
113	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.	13.9	132
114	Is Oxygen Therapy Beneficial in Acute Myocardial Infarction? Simple Question, Complicated Mechanism, Simple Answer. <i>New England Journal of Medicine</i> , 2017, 377, 1286-1287.	13.9	17
115	Network analysis of the genomic basis of the placebo effect. <i>JCI Insight</i> , 2017, 2, .	2.3	37
116	Network Medicine. , 2017, , .		55
117	Incorporation of heparin-binding proteins into preformed dextran sulfate-chitosan nanoparticles. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 6149-6159.	3.3	13
118	Comparison of Protein N-Homocysteinylation in Rat Plasma under Elevated Homocysteine Using a Specific Chemical Labeling Method. <i>Molecules</i> , 2016, 21, 1195.	1.7	5
119	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> , 2016, 12, e1004822.	1.5	23
120	In vivo monitoring of cellular energy metabolism using SoNar, a highly responsive sensor for NAD ⁺ /NADH redox state. <i>Nature Protocols</i> , 2016, 11, 1345-1359.	5.5	119
121	The Future of Medical Journal Publishing. <i>Circulation</i> , 2016, 133, 1621-1624.	1.6	5
122	Eye of the Beholder. <i>New England Journal of Medicine</i> , 2016, 374, 1774-1779.	13.9	5
123	Caveolin 1 Modulates Aldosterone–Mediated Pathways of Glucose and Lipid Homeostasis. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	41
124	Adaptions to Hypoxia and Redox Stress. <i>Circulation Research</i> , 2016, 119, 511-513.	2.0	23
125	Tip of the Tongue. <i>New England Journal of Medicine</i> , 2016, 375, 880-886.	13.9	3
126	Genetic Misdiagnoses and the Potential for Health Disparities. <i>New England Journal of Medicine</i> , 2016, 375, 655-665.	13.9	602

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127	Randomized Controlled Trial of Social Media: Effect of Increased Intensity of the Intervention. Journal of the American Heart Association, 2016, 5, .	1.6	52
128	Selenoprotein Gene Nomenclature. Journal of Biological Chemistry, 2016, 291, 24036-24040.	1.6	207
129	Tissue Specificity of Human Disease Module. Scientific Reports, 2016, 6, 35241.	1.6	99
130	Endophenotype Network Models: Common Core of Complex Diseases. Scientific Reports, 2016, 6, 27414.	1.6	72
131	The Future of Cardiovascular Therapeutics. Circulation, 2016, 133, 2610-2617.	1.6	22
132	Precision medicine in cardiology. Nature Reviews Cardiology, 2016, 13, 591-602.	6.1	183
133	Upregulation 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. FASEB Journal, 2016, 30, 2511-2527.	0.2	39
134	Illuminating drug action by network integration of disease genes: a case study of myocardial infarction. Molecular BioSystems, 2016, 12, 1653-1666.	2.9	21
135	Early pregnancy vitamin D status and risk of preeclampsia. Journal of Clinical Investigation, 2016, 126, 4702-4715.	3.9	160
136	Uncovering disease-disease relationships through the incomplete interactome. Science, 2015, 347, 1257601.	6.0	1,219
137	Hypoxia-Mediated Increases in l -2-hydroxyglutarate Coordinate the Metabolic Response to Reductive Stress. Cell Metabolism, 2015, 22, 291-303.	7.2	270
138	A Randomized Trial of Social Media From Circulation. Circulation, 2015, 131, 28-33.	1.6	122
139	Nitroglycerin and Nitric Oxide – A Rondo of Themes in Cardiovascular Therapeutics. New England Journal of Medicine, 2015, 373, 277-280.	13.9	32
140	American Heart Association Cardiovascular Genome-Phenome Study. Circulation, 2015, 131, 100-112.	1.6	26
141	Maintenance of certification: Good intentions gone awry. Trends in Cardiovascular Medicine, 2015, 25, 312-314.	2.3	3
142	SoNar, a Highly Responsive NAD ⁺ /NADH Sensor, Allows High-Throughput Metabolic Screening of Anti-tumor Agents. Cell Metabolism, 2015, 21, 777-789.	7.2	311
143	Genetics and the placebo effect: the placebome. Trends in Molecular Medicine, 2015, 21, 285-294.	3.5	194
144	Incorporation of SDF-1 α into Preformed Dextran Sulfate and Chitosan Nanoparticles. FASEB Journal, 2015, 29, LB645.	0.2	0

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145	A Celebration of Failure. <i>Circulation</i> , 2014, 129, 953-955.	1.6	12
146	Network-based association of hypoxia-responsive genes with cardiovascular diseases. <i>New Journal of Physics</i> , 2014, 16, 105014.	1.2	14
147	Upregulation of Steroidogenic Acute Regulatory Protein by Hypoxia Stimulates Aldosterone Synthesis in Pulmonary Artery Endothelial Cells to Promote Pulmonary Vascular Fibrosis. <i>Circulation</i> , 2014, 130, 168-179.	1.6	53
148	Epigenetic Modifications: Basic Mechanisms and Role in Cardiovascular Disease (2013 Grover) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	0.8	122
149	Real-Time Assessment of the Metabolic Profile of Living Cells with Genetically Encoded NADH Sensors. <i>Methods in Enzymology</i> , 2014, 542, 349-367.	0.4	13
150	Redox Dysregulation in Vascular Pathobiology. <i>Free Radical Biology and Medicine</i> , 2014, 75, S2.	1.3	5
151	Analyzing networks of phenotypes in complex diseases: methodology and applications in COPD. <i>BMC Systems Biology</i> , 2014, 8, 78.	3.0	31
152	Plasma Levels of the Proinflammatory Chitinase-Binding Glycoprotein YKL40, Variation in the Chitinase 3-Like 1 Gene (<i>CHI3L1</i>), and Incident Cardiovascular Events. <i>Journal of the American Heart Association</i> , 2014, 3, e000897.	1.6	44
153	Keshan Disease, Selenium Deficiency, and the Selenoproteome. <i>New England Journal of Medicine</i> , 2014, 370, 1756-1760.	13.9	193
154	Polymorphisms in Catechol- <i>O</i> -Methyltransferase Modify Treatment Effects of Aspirin on Risk of Cardiovascular Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 2160-2167.	1.1	35
155	Complexity and network dynamics in physiological adaptation: An integrated view. <i>Physiology and Behavior</i> , 2014, 131, 49-56.	1.0	28
156	Quantitative imaging of selenoprotein with multi-isotope imaging mass spectrometry (MIMS). <i>Surface and Interface Analysis</i> , 2014, 46, 154-157.	0.8	6
157	Tumor necrosis factor- α -mediated suppression of dual-specificity phosphatase 4: crosstalk between NF κ B and MAPK regulates endothelial cell survival. <i>Molecular and Cellular Biochemistry</i> , 2013, 382, 153-162.	1.4	14
158	Venous Thrombosis in the Nephrotic Syndrome. <i>New England Journal of Medicine</i> , 2013, 368, 956-958.	13.9	93
159	<i>S</i> -Nitrosothiols and the <i>S</i> -Nitrosoproteome of the Cardiovascular System. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 270-287.	2.5	79
160	The Identification of Nitric Oxide as Endothelium-Derived Relaxing Factor. <i>Circulation Research</i> , 2013, 113, 100-103.	2.0	70
161	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> , 2013, 15, 277-283.	2.9	91
162	Selenistasis: Epistatic Effects of Selenium on Cardiovascular Phenotype. <i>Nutrients</i> , 2013, 5, 340-358.	1.7	52

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163	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> , 2013, 27, 1199.1.	0.2	1
164	Aldosterone Activates Autophagy To Increase Fibroblast Collagen Synthesis and Vascular Stiffness. <i>FASEB Journal</i> , 2013, 27, 1188.9.	0.2	0
165	SDF-1 alpha Nanoglycan Complexes Exhibit Extended Retention Time and Beneficial Effect in Pulmonary Hypertension. <i>FASEB Journal</i> , 2013, 27, 1217.34.	0.2	0
166	Aldosterone Inactivates the Endothelin-B Receptor via a CysteinyI Thiol Redox Switch to Decrease Pulmonary Endothelial Nitric Oxide Levels and Modulate Pulmonary Arterial Hypertension. <i>Circulation</i> , 2012, 126, 963-974.	1.6	171
167	Personalized Cardiovascular Medicine and Drug Development. <i>Circulation</i> , 2012, 125, 638-645.	1.6	41
168	Deciphering the molecular basis of human cardiovascular disease through network biology. <i>Current Opinion in Cardiology</i> , 2012, 27, 202-209.	0.8	30
169	MicroRNA-21 Integrates Pathogenic Signaling to Control Pulmonary Hypertension. <i>Circulation</i> , 2012, 125, 1520-1532.	1.6	246
170	From Clinical Observation to Mechanism – Heyde's Syndrome. <i>New England Journal of Medicine</i> , 2012, 367, 1954-1956.	13.9	146
171	Network medicine approaches to the genetics of complex diseases. <i>Discovery Medicine</i> , 2012, 14, 143-52.	0.5	75
172	Both Maximal Expression of Selenoproteins and Selenoprotein Deficiency Can Promote Development of Type 2 Diabetes-Like Phenotype in Mice. <i>Antioxidants and Redox Signaling</i> , 2011, 14, 2327-2336.	2.5	158
173	Glutathione Peroxidase-1 in Health and Disease: From Molecular Mechanisms to Therapeutic Opportunities. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 1957-1997.	2.5	864
174	Systems Biology and Personalized Medicine: A Network Approach to Human Disease. <i>Proceedings of the American Thoracic Society</i> , 2011, 8, 196-198.	3.5	28
175	Network medicine: a network-based approach to human disease. <i>Nature Reviews Genetics</i> , 2011, 12, 56-68.	7.7	3,987
176	Systems biology and the future of medicine. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2011, 3, 619-627.	6.6	239
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