

Arda Halu

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,389
citations

516681

16
h-index

526264

27
g-index

31
all docs

31
docs citations

31
times ranked

2200
citing authors

#	ARTICLE	IF	CITATIONS
1	A disease-driver population within interstitial cells of human calcific aortic valves identified via single-cell and proteomic profiling. <i>Cell Reports</i> , 2022, 39, 110685.	6.4	16
2	ApoC-III is a novel inducer of calcification in human aortic valves. <i>Journal of Biological Chemistry</i> , 2021, 296, 100193.	3.4	28
3	CROT (Carnitine O-Octanoyltransferase) Is a Novel Contributing Factor in Vascular Calcification via Promoting Fatty Acid Metabolism and Mitochondrial Dysfunction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 755-768.	2.4	17
4	Dynamin-related protein 1 inhibition reduces hepatic PCSK9 secretion. <i>Cardiovascular Research</i> , 2021, 117, 2340-2353.	3.8	16
5	Systems Approach to Discovery of Therapeutic Targets for Vein Graft Disease: PPAR α Pivotaly Regulates Metabolism, Activation, and Heterogeneity of Macrophages and Lesion Development. <i>Circulation</i> , 2021, 143, 2454-2470.	1.6	21
6	Multiorgan Systems Study Reveals Igfbp7 as a Suppressor of Gluconeogenesis after Gastric Bypass Surgery. <i>Journal of Proteome Research</i> , 2020, 19, 129-143.	3.7	4
7	Robustness and lethality in multilayer biological molecular networks. <i>Nature Communications</i> , 2020, 11, 6043.	12.8	61
8	Annexin A1 α dependent tethering promotes extracellular vesicle aggregation revealed with single α extracellular vesicle analysis. <i>Science Advances</i> , 2020, 6, .	10.3	65
9	Gene Expression Profiling Reveals the Shared and Distinct Transcriptional Signatures in Human Lung Epithelial Cells Infected With SARS-CoV-2, MERS-CoV, or SARS-CoV: Potential Implications in Cardiovascular Complications of COVID-19. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 623012.	2.4	31
10	The multiplex network of human diseases. <i>Npj Systems Biology and Applications</i> , 2019, 5, 15.	3.0	77
11	Exploring the cross-phenotype network region of disease modules reveals concordant and discordant pathways between chronic obstructive pulmonary disease and idiopathic pulmonary fibrosis. <i>Human Molecular Genetics</i> , 2019, 28, 2352-2364.	2.9	19
12	Uremic Toxin Indoxyl Sulfate Promotes Proinflammatory Macrophage Activation Via the Interplay of OATP2B1 and Dll4-Notch Signaling. <i>Circulation</i> , 2019, 139, 78-96.	1.6	126
13	XINA: A Workflow for the Integration of Multiplexed Proteomics Kinetics Data with Network Analysis. <i>Journal of Proteome Research</i> , 2019, 18, 775-781.	3.7	13
14	A Systems Approach to Refine Disease Taxonomy by Integrating Phenotypic and Molecular Networks. <i>EBioMedicine</i> , 2018, 31, 79-91.	6.1	60
15	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
16	The Transcriptional Signature of Growth in Human Fetal Aortic Valve Development. <i>Annals of Thoracic Surgery</i> , 2018, 106, 1834-1840.	1.3	5
17	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.	3.0	25
18	Context-enriched interactome powered by proteomics helps the identification of novel regulators of macrophage activation. <i>ELife</i> , 2018, 7, .	6.0	11

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19	Regulation of Nuclear Receptor Interacting Protein 1 (NRIP1) Gene Expression in Response to Weight Loss and Exercise in Humans. <i>Obesity</i> , 2017, 25, 1400-1409.	3.0	3
20	PARP9 and PARP14 cross-regulate macrophage activation via STAT1 ADP-ribosylation. <i>Nature Communications</i> , 2016, 7, 12849.	12.8	214
21	Data-driven modeling of solar-powered urban microgrids. <i>Science Advances</i> , 2016, 2, e1500700.	10.3	48
22	Emergence of overlap in ensembles of spatial multiplexes and statistical mechanics of spatial interacting network ensembles. <i>Physical Review E</i> , 2014, 89, 012806.	2.1	64
23	Phase transition of light on complex quantum networks. <i>Physical Review E</i> , 2013, 87, 022104.	2.1	19
24	Connect and win: The role of social networks in political elections. <i>Europhysics Letters</i> , 2013, 102, 16002.	2.0	56
25	Multiplex PageRank. <i>PLoS ONE</i> , 2013, 8, e78293.	2.5	164
26	Monochromaticity in neutral evolutionary network models. <i>Physical Review E</i> , 2012, 86, 066101.	2.1	1
27	Phase diagram of the Bose-Hubbard model on complex networks. <i>Europhysics Letters</i> , 2012, 99, 18001.	2.0	26
28	Entropy rate of nonequilibrium growing networks. <i>Physical Review E</i> , 2011, 84, 066113.	2.1	13