

Arda Halu

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,389
citations

516710

16
h-index

526287

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 A1â€“dependent tethering promotes extracellular vesicle aggregation revealed with singleâ€“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. Obesity, 2017, 25, 1400-1409.	3.0	3
20	PARP9 and PARP14 cross-regulate macrophage activation via STAT1 ADP-ribosylation. Nature Communications, 2016, 7, 12849.	12.8	214
21	Data-driven modeling of solar-powered urban microgrids. Science Advances, 2016, 2, e1500700.	10.3	48
22	Emergence of overlap in ensembles of spatial multiplexes and statistical mechanics of spatial interacting network ensembles. Physical Review E, 2014, 89, 012806.	2.1	64
23	Phase transition of light on complex quantum networks. Physical Review E, 2013, 87, 022104.	2.1	19
24	Connect and win: The role of social networks in political elections. Europhysics Letters, 2013, 102, 16002.	2.0	56
25	Multiplex PageRank. PLoS ONE, 2013, 8, e78293.	2.5	164
26	Monochromaticity in neutral evolutionary network models. Physical Review E, 2012, 86, 066101.	2.1	1
27	Phase diagram of the Bose-Hubbard model on complex networks. Europhysics Letters, 2012, 99, 18001.	2.0	26
28	Entropy rate of nonequilibrium growing networks. Physical Review E, 2011, 84, 066113.	2.1	13