

Rui-Sheng Wang

List of Publications by Year in descending order

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16
papers

1,051
citations

758635

12
h-index

996533

15
g-index

16
all docs

16
docs citations

16
times ranked

1722
citing authors

#	ARTICLE	IF	CITATIONS
1	Network-based approach to prediction and population-based validation of in silico drug repurposing. Nature Communications, 2018, 9, 2691.	5.8	351
2	A genome-wide positioning systems network algorithm for in silico drug repurposing. Nature Communications, 2019, 10, 3476.	5.8	134
3	Comprehensive characterization of protein-protein interactions perturbed by disease mutations. Nature Genetics, 2021, 53, 342-353.	9.4	109
4	NEDD9 targets COL3A1 to promote endothelial fibrosis and pulmonary arterial hypertension. Science Translational Medicine, 2018, 10, .	5.8	89
5	Endophenotype Network Models: Common Core of Complex Diseases. Scientific Reports, 2016, 6, 27414.	1.6	72
6	Gene co-expression in the interactome: moving from correlation toward causation via an integrated approach to disease module discovery. Npj Systems Biology and Applications, 2021, 7, 3.	1.4	64
7	Immunoglobulin-driven Complement Activation Regulates Proinflammatory Remodeling in Pulmonary Hypertension. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 224-239.	2.5	60
8	Network-Based Disease Module Discovery by a Novel Seed Connector Algorithm with Pathobiological Implications. Journal of Molecular Biology, 2018, 430, 2939-2950.	2.0	41
9	Network analysis of the genomic basis of the placebo effect. JCI Insight, 2017, 2, .	2.3	37
10	MicroRNA Dysregulation in Pulmonary Arteries from Chronic Obstructive Pulmonary Disease. Relationships with Vascular Remodeling. American Journal of Respiratory Cell and Molecular Biology, 2018, 59, 490-499.	1.4	34
11	Network determinants of cardiovascular calcification and repositioned drug treatments. FASEB Journal, 2020, 34, 11087-11100.	0.2	19
12	Network-based association of hypoxia-responsive genes with cardiovascular diseases. New Journal of Physics, 2014, 16, 105014.	1.2	14
13	Network module-based drug repositioning for pulmonary arterial hypertension. CPT: Pharmacometrics and Systems Pharmacology, 2021, 10, 994-1005.	1.3	10
14	Comprehensive network medicine-based drug repositioning via integration of therapeutic efficacy and side effects. Npj Systems Biology and Applications, 2022, 8, 12.	1.4	9
15	Pulmonary endothelial NEDD9 and the prothrombotic pathophenotype of acute respiratory distress syndrome due to SARS-CoV-2 infection. Pulmonary Circulation, 2022, 12, .	0.8	8
16	OUP accepted manuscript. Briefings in Bioinformatics, 2022, , .	3.2	0