

# Rui-Sheng Wang

## List of Publications by Year in descending order

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16  
papers

1,051  
citations

758635

12  
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996533

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1722  
citing authors

#	ARTICLE	IF	CITATIONS
1	OUP accepted manuscript. Briefings in Bioinformatics, 2022, , .	3.2	0
2	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
3	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
4	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
5	Comprehensive characterization of protein-protein interactions perturbed by disease mutations. Nature Genetics, 2021, 53, 342-353.	9.4	109
6	Network module-based drug repositioning for pulmonary arterial hypertension. CPT: Pharmacometrics and Systems Pharmacology, 2021, 10, 994-1005.	1.3	10
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 determinants of cardiovascular calcification and repositioned drug treatments. FASEB Journal, 2020, 34, 11087-11100.	0.2	19
9	A genome-wide positioning systems network algorithm for in silico drug repurposing. Nature Communications, 2019, 10, 3476.	5.8	134
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-Based Disease Module Discovery by a Novel Seed Connector Algorithm with Pathobiological Implications. Journal of Molecular Biology, 2018, 430, 2939-2950.	2.0	41
12	Network-based approach to prediction and population-based validation of in silico drug repurposing. Nature Communications, 2018, 9, 2691.	5.8	351
13	NEDD9 targets <i>COL3A1</i> to promote endothelial fibrosis and pulmonary arterial hypertension. Science Translational Medicine, 2018, 10, .	5.8	89
14	Network analysis of the genomic basis of the placebo effect. JCI Insight, 2017, 2, .	2.3	37
15	Endophenotype Network Models: Common Core of Complex Diseases. Scientific Reports, 2016, 6, 27414.	1.6	72
16	Network-based association of hypoxia-responsive genes with cardiovascular diseases. New Journal of Physics, 2014, 16, 105014.	1.2	14