

# Yang Yang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33 papers	2,440 citations	22 h-index	36 g-index
36 ext. papers	3,086 ext. citations	9.7 avg, IF	5.18 L-index

#	Paper	IF	Citations
33	Recent advances in nanotechnology-based COVID-19 vaccines and therapeutic antibodies.. <i>Nanoscale</i> , <b>2022</b> ,	7.7	5
32	Structural visualization of transcription activated by a multidrug-sensing MerR family regulator. <i>Nature Communications</i> , <b>2021</b> , 12, 2702	17.4	5
31	Structural basis of copper-efflux-regulator-dependent transcription activation. <i>IScience</i> , <b>2021</b> , 24, 102440.	4.1	4
30	The role of CD4FoxP3 regulatory T cells in the immunopathogenesis of COVID-19: implications for treatment. <i>International Journal of Biological Sciences</i> , <b>2021</b> , 17, 1507-1520	11.2	19
29	Structural basis for activation of Swi2/Snf2 ATPase RapA by RNA polymerase. <i>Nucleic Acids Research</i> , <b>2021</b> , 49, 10707-10716	20.1	0
28	Neutralizing antibodies for the prevention and treatment of COVID-19. <i>Cellular and Molecular Immunology</i> , <b>2021</b> , 18, 2293-2306	15.4	21
27	Structural basis of mismatch recognition by a SARS-CoV-2 proofreading enzyme. <i>Science</i> , <b>2021</b> , 373, 1142-1146.	31.46	19
26	A noncompeting pair of human neutralizing antibodies block COVID-19 virus binding to its receptor ACE2. <i>Science</i> , <b>2020</b> , 368, 1274-1278	33.3	682
25	Structure of mouse coronavirus spike protein complexed with receptor reveals mechanism for viral entry. <i>PLoS Pathogens</i> , <b>2020</b> , 16, e1008392	7.6	93
24	Advances in MERS-CoV Vaccines and Therapeutics Based on the Receptor-Binding Domain. <i>Viruses</i> , <b>2019</b> , 11,	6.2	69
23	Identification of Dihydrofuro[3,4- d]pyrimidine Derivatives as Novel HIV-1 Non-Nucleoside Reverse Transcriptase Inhibitors with Promising Antiviral Activities and Desirable Physicochemical Properties. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 1484-1501	8.3	41
22	Cryo-Electron Microscopy Structure of Porcine Deltacoronavirus Spike Protein in the Prefusion State. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	72
21	Cryo-EM structure of infectious bronchitis coronavirus spike protein reveals structural and functional evolution of coronavirus spike proteins. <i>PLoS Pathogens</i> , <b>2018</b> , 14, e1007009	7.6	73
20	NAADP-dependent Ca signaling regulates Middle East respiratory syndrome-coronavirus pseudovirus translocation through the endolysosomal system. <i>Cell Calcium</i> , <b>2018</b> , 75, 30-41	4	70
19	Lysosomal Proteases Are a Determinant of Coronavirus Tropism. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	40
18	Structural basis for potent and broad inhibition of HIV-1 RT by thiophene[3,2-]pyrimidine non-nucleoside inhibitors. <i>ELife</i> , <b>2018</b> , 7,	8.9	41
17	Three Main Inducers of Alphacoronavirus Infection of Enterocytes: Sialic Acid, Proteases, and Low pH. <i>Intervirology</i> , <b>2018</b> , 61, 53-63	2.5	11

16	The Rational Design of Therapeutic Peptides for Aminopeptidase N using a Substrate-Based Approach. <i>Scientific Reports</i> , <b>2017</b> , 7, 1424	4.9	28
15	Structural and Molecular Evidence Suggesting Coronavirus-driven Evolution of Mouse Receptor. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 2174-2181	5.4	16
14	MERS-CoV spike protein: a key target for antivirals. <i>Expert Opinion on Therapeutic Targets</i> , <b>2017</b> , 21, 131-143	4.3	176
13	The anthelmintic praziquantel is a human serotonergic G-protein-coupled receptor ligand. <i>Nature Communications</i> , <b>2017</b> , 8, 1910	17.4	45
12	Introduction of neutralizing immunogenicity index to the rational design of MERS coronavirus subunit vaccines. <i>Nature Communications</i> , <b>2016</b> , 7, 13473	17.4	77
11	Cell Entry of Porcine Epidemic Diarrhea Coronavirus Is Activated by Lysosomal Proteases. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 24779-24786	5.4	29
10	Receptor usage and cell entry of porcine epidemic diarrhea coronavirus. <i>Journal of Virology</i> , <b>2015</b> , 89, 6121-5	6.6	129
9	Two Mutations Were Critical for Bat-to-Human Transmission of Middle East Respiratory Syndrome Coronavirus. <i>Journal of Virology</i> , <b>2015</b> , 89, 9119-23	6.6	96
8	A conformation-dependent neutralizing monoclonal antibody specifically targeting receptor-binding domain in Middle East respiratory syndrome coronavirus spike protein. <i>Journal of Virology</i> , <b>2014</b> , 88, 7045-53	6.6	112
7	Searching for an ideal vaccine candidate among different MERS coronavirus receptor-binding fragments--the importance of immunofocusing in subunit vaccine design. <i>Vaccine</i> , <b>2014</b> , 32, 6170-6176	4.1	102
6	Receptor usage and cell entry of bat coronavirus HKU4 provide insight into bat-to-human transmission of MERS coronavirus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 12516-21	11.5	182
5	A unified mechanism for aminopeptidase N-based tumor cell motility and tumor-homing therapy. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 34520-9	5.4	28
4	Control of polarized growth by the Rho family GTPase Rho4 in budding yeast: requirement of the N-terminal extension of Rho4 and regulation by the Rho GTPase-activating protein Bem2. <i>Eukaryotic Cell</i> , <b>2013</b> , 12, 368-77		20
3	Structural insights into central hypertension regulation by human aminopeptidase A. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 25638-25645	5.4	28
2	Crystal structure of the receptor-binding domain from newly emerged Middle East respiratory syndrome coronavirus. <i>Journal of Virology</i> , <b>2013</b> , 87, 10777-83	6.6	94
1	A non-competing pair of human neutralizing antibodies block COVID-19 virus binding to its receptor ACE2		13