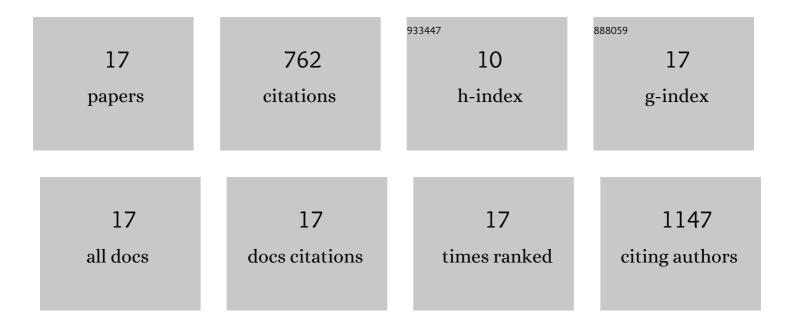
Shenshen Wang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2371173/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Aging-induced fragility of the immune system. Journal of Theoretical Biology, 2021, 510, 110473.	1.7	6
2	Naturally evolvable antibody affinity may be physically limited. BioEssays, 2021, 43, 2100045.	2.5	1
3	Roadmap on biology in time varying environments. Physical Biology, 2021, 18, 041502.	1.8	23
4	Coevolutionary transitions emerging from flexible molecular recognition and eco-evolutionary feedback. IScience, 2021, 24, 102861.	4.1	6
5	Shaping Polyclonal Responses via Antigen-Mediated Antibody Interference. IScience, 2020, 23, 101568.	4.1	4
6	Tuning environmental timescales to evolve and maintain generalists. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 12693-12699.	7.1	41
7	Evolving generalists in switching rugged landscapes. PLoS Computational Biology, 2019, 15, e1007320.	3.2	27
8	Trait-space patterning and the role of feedback in antigen-immunity coevolution. Physical Review Research, 2019, 1, .	3.6	3
9	Active Tuning of Synaptic Patterns Enhances Immune Discrimination. Physical Review Letters, 2018, 121, 238101.	7.8	13
10	Optimal Sequential Immunization Can Focus Antibody Responses against Diversity Loss and Distraction. PLoS Computational Biology, 2017, 13, e1005336.	3.2	36
11	Manipulating the Selection Forces during Affinity Maturation to Generate Cross-Reactive HIV Antibodies. Cell, 2015, 160, 785-797.	28.9	173
12	Entanglement tongue and quantum synchronization of disordered oscillators. Physical Review E, 2014, 89, 022913.	2.1	117
13	Microscopic theory of the glassy dynamics of passive and active network materials. Journal of Chemical Physics, 2013, 138, 12A521.	3.0	15
14	The Effects of Somatic Hypermutation on Neutralization and Binding in the PGT121 Family of Broadly Neutralizing HIV Antibodies. PLoS Pathogens, 2013, 9, e1003754.	4.7	175
15	Active patterning and asymmetric transport in a model actomyosin network. Journal of Chemical Physics, 2013, 139, 235103.	3.0	4
16	Active contractility in actomyosin networks. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6446-6451.	7.1	72
17	On the spontaneous collective motion of active matter. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 15184-15189.	7.1	46