

# Joshua Yi Yeo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2515807/publications.pdf>

Version: 2024-02-01

24  
papers

320  
citations

1163117

8  
h-index

1058476

14  
g-index

40  
all docs

40  
docs citations

40  
times ranked

173  
citing authors

#	ARTICLE	IF	CITATIONS
1	The effects of Antibody Engineering CH and CL in Trastuzumab and Pertuzumab recombinant models: Impact on antibody production and antigen-binding. <i>Scientific Reports</i> , 2018, 8, 718.	3.3	50
2	Effect of VH-VL Families in Pertuzumab and Trastuzumab Recombinant Production, Her2 and Fcγ3IIA Binding. <i>Frontiers in Immunology</i> , 2018, 9, 469.	4.8	43
3	Role of the IgE variable heavy chain in FcμRI± and superantigen binding in allergy and immunotherapy. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 514-523.e5.	2.9	33
4	Not all therapeutic antibody isotypes are equal: the case of IgM versus IgG in Pertuzumab and Trastuzumab. <i>Chemical Science</i> , 2020, 11, 2843-2854.	7.4	23
5	The Determination of HIV-1 RT Mutation Rate, Its Possible Allosteric Effects, and Its Implications on Drug Resistance. <i>Viruses</i> , 2020, 12, 297.	3.3	22
6	Design and Development of a Low Cost, Non-Contact Infrared Thermometer with Range Compensation. <i>Sensors</i> , 2021, 21, 3817.	3.8	16
7	Molecular Insights of Nickel Binding to Therapeutic Antibodies as a Possible New Antibody Superantigen. <i>Frontiers in Immunology</i> , 2021, 12, 676048.	4.8	13
8	The associations between dietary practices and dietary quality, biological health indicators, perceived stress, religiosity, culture, and gender in multicultural Singapore. <i>Journal of Ethnic Foods</i> , 2018, 5, 220-227.	1.9	12
9	Spontaneous Mutations in HIV-1 Gag, Protease, RT p66 in the First Replication Cycle and How They Appear: Insights from an In Vitro Assay on Mutation Rates and Types. <i>International Journal of Molecular Sciences</i> , 2021, 22, 370.	4.1	11
10	Probability of change in life: Amino acid changes in single nucleotide substitutions. <i>BioSystems</i> , 2020, 193-194, 104135.	2.0	10
11	Augmenting recombinant antibody production in HEK293E cells: optimizing transfection and culture parameters. <i>Antibody Therapeutics</i> , 2022, 5, 30-41.	1.9	9
12	Discovery of a novel splice variant of Fcαr (CD89) unravels sequence segments necessary for efficient secretion: A story of bad signal peptides and good ones that nevertheless do not make it. <i>Cell Cycle</i> , 2017, 16, 457-467.	2.6	7
13	Method for Zero-Waste Circular Economy Using Worms for Plastic Agriculture: Augmenting Polystyrene Consumption and Plant Growth. <i>Methods and Protocols</i> , 2021, 4, 43.	2.0	7
14	Peering into Avian Influenza A(H5N8) for a Framework towards Pandemic Preparedness. <i>Viruses</i> , 2021, 13, 2276.	3.3	6
15	An Alternative HIV-1 Non-Nucleoside Reverse Transcriptase Inhibition Mechanism: Targeting the p51 Subunit. <i>Molecules</i> , 2020, 25, 5902.	3.8	5
16	More Than Meets the Kappa for Antibody Superantigen Protein L (PpL). <i>Antibodies</i> , 2022, 11, 14.	2.5	5
17	Republication "APD Colony Counter App: Using Watershed Algorithm for improved colony counting. <i>Scientific Phone Apps and Mobile Devices</i> , 2019, 5, .	0.5	4
18	Republication "APD SpectBT: Arduino-based mobile vis-Spectrophotometer. <i>Scientific Phone Apps and Mobile Devices</i> , 2019, 5, .	0.5	3

#	ARTICLE	IF	CITATIONS
19	Editorial: The promises of Microcontroller kits and Smartphone apps for Psychological research. Scientific Phone Apps and Mobile Devices, 2020, 6, .	0.5	3
20	Sagacious epitope selection for vaccines, and both antibody-based therapeutics and diagnostics: tips from virology and oncology. Antibody Therapeutics, 2022, 5, 63-72.	1.9	3
21	Variable-heavy (VH) families influencing IgA1&2 engagement to the antigen, Fc $\gamma$ RI and superantigen proteins G, A, and L. Scientific Reports, 2022, 12, 6510.	3.3	3
22	Effects of different delivery modes on teaching biomedical science practical skills in higher education during the 2021 pandemic measures. Biochemistry and Molecular Biology Education, 0, , .	1.2	3
23	To Plate or to Simply Unfreeze, That Is the Question for Optimal Plasmid Extraction. Journal of Biomolecular Techniques, 2021, 32, jbt.20-3203-001.	1.5	2
24	Psycho-otorhinomicrobiology: The link between the aerotolerant flora of the nose and ears, and that of the psyche. APD Trove Journal, 0, , .	0.2	0