

I-Ting Teng

List of Publications by Citations

Source: <https://exaly.com/author-pdf/11862504/i-ting-teng-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

43
papers

2,973
citations

24
h-index

43
g-index

43
ext. papers

4,072
ext. citations

17.7
avg, IF

4.6
L-index

#	Paper	IF	Citations
43	Evaluation of the mRNA-1273 Vaccine against SARS-CoV-2 in Nonhuman Primates. <i>New England Journal of Medicine</i> , 2020 , 383, 1544-1555	59.2	612
42	Self-assembly of DNA nanohydrogels with controllable size and stimuli-responsive property for targeted gene regulation therapy. <i>Journal of the American Chemical Society</i> , 2015 , 137, 1412-5	16.4	304
41	Aptasensor with Expanded Nucleotide Using DNA Nanotetrahedra for Electrochemical Detection of Cancerous Exosomes. <i>ACS Nano</i> , 2017 , 11, 3943-3949	16.7	264
40	A Nonenzymatic Hairpin DNA Cascade Reaction Provides High Signal Gain of mRNA Imaging inside Live Cells. <i>Journal of the American Chemical Society</i> , 2015 , 137, 4900-3	16.4	234
39	Biofunctionalized phospholipid-capped mesoporous silica nanoshuttles for targeted drug delivery: improved water suspensibility and decreased nonspecific protein binding. <i>ACS Nano</i> , 2010 , 4, 4371-9	16.7	197
38	Cryo-EM Structures of SARS-CoV-2 Spike without and with ACE2 Reveal a pH-Dependent Switch to Mediate Endosomal Positioning of Receptor-Binding Domains. <i>Cell Host and Microbe</i> , 2020 , 28, 867-879.e5	23.4	168
37	Evolution of functional six-nucleotide DNA. <i>Journal of the American Chemical Society</i> , 2015 , 137, 6734-7	16.4	143
36	In vitro and in vivo functions of SARS-CoV-2 infection-enhancing and neutralizing antibodies. <i>Cell</i> , 2021 , 184, 4203-4219.e32	56.2	89
35	DNA Aptamer Selected against Pancreatic Ductal Adenocarcinoma for in vivo Imaging and Clinical Tissue Recognition. <i>Theranostics</i> , 2015 , 5, 985-94	12.1	84
34	Ultrapotent antibodies against diverse and highly transmissible SARS-CoV-2 variants. <i>Science</i> , 2021 , 373,	33.3	80
33	Self-Assembled DNA Immunonanostructures as Multivalent CpG Nanoagents. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 24069-74	9.5	74
32	Phospholipid-functionalized mesoporous silica nanocarriers for selective photodynamic therapy of cancer. <i>Biomaterials</i> , 2013 , 34, 7462-70	15.6	72
31	Versatile surface engineering of porous nanomaterials with bioinspired polyphenol coatings for targeted and controlled drug delivery. <i>Nanoscale</i> , 2016 , 8, 8600-6	7.7	66
30	Aptamers against Cells Overexpressing Glypican 3 from Expanded Genetic Systems Combined with Cell Engineering and Laboratory Evolution. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 12372-5	16.4	60
29	Nanobodies from camelid mice and llamas neutralize SARS-CoV-2 variants. <i>Nature</i> , 2021 , 595, 278-282	50.4	49
28	Structure-Based Design with Tag-Based Purification and In-Process Biotinylation Enable Streamlined Development of SARS-CoV-2 Spike Molecular Probes. <i>Cell Reports</i> , 2020 , 33, 108322	10.6	35
27	Constructing Smart Protocells with Built-In DNA Computational Core to Eliminate Exogenous Challenge. <i>Journal of the American Chemical Society</i> , 2018 , 140, 6912-6920	16.4	31

26	DNA Aptamer Based Nanodrugs: Molecular Engineering for Efficiency. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 2084-94	4.5	31
25	Enhanced Targeted Gene Transduction: AAV2 Vectors Conjugated to Multiple Aptamers via Reducible Disulfide Linkages. <i>Journal of the American Chemical Society</i> , 2018 , 140, 2-5	16.4	30
24	Identification and Characterization of DNA Aptamers Specific for Phosphorylation Epitopes of Tau Protein. <i>Journal of the American Chemical Society</i> , 2018 , 140, 14314-14323	16.4	30
23	Aptamer-based multifunctional ligand-modified UCNPs for targeted PDT and bioimaging. <i>Nanoscale</i> , 2018 , 10, 10986-10990	7.7	29
22	The functions of SARS-CoV-2 neutralizing and infection-enhancing antibodies in vitro and in mice and nonhuman primates 2021 ,		27
21	Molecular Recognition of Human Liver Cancer Cells Using DNA Aptamers Generated via Cell-SELEX. <i>PLoS ONE</i> , 2015 , 10, e0125863	3.7	25
20	Cross-Linked Aptamer-Lipid Micelles for Excellent Stability and Specificity in Target-Cell Recognition. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 11589-11593	16.4	24
19	Protection from SARS-CoV-2 Delta one year after mRNA-1273 vaccination in rhesus macaques coincides with anamnestic antibody response in the lung.. <i>Cell</i> , 2021 ,	56.2	24
18	Three Dimensional Multipod Superstructure based on Cu(OH) as a Highly Efficient Nanozyme. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 4657-4661	7.3	22
17	mRNA-1273 or mRNA-Omicron boost in vaccinated macaques elicits similar B cell expansion, neutralizing responses, and protection from Omicron.. <i>Cell</i> , 2022 ,	56.2	22
16	Paired heavy- and light-chain signatures contribute to potent SARS-CoV-2 neutralization in public antibody responses. <i>Cell Reports</i> , 2021 , 37, 109771	10.6	20
15	Development of a panel of DNA Aptamers with High Affinity for Pancreatic Ductal Adenocarcinoma. <i>Scientific Reports</i> , 2015 , 5, 16788	4.9	18
14	Structural basis for potent antibody neutralization of SARS-CoV-2 variants including B.1.1.529.. <i>Science</i> , 2022 , 376, eabn8897	33.3	18
13	Protective antibodies elicited by SARS-CoV-2 spike protein vaccination are boosted in the lung after challenge in nonhuman primates. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	17
12	Molecular probes of spike ectodomain and its subdomains for SARS-CoV-2 variants, Alpha through Omicron. 2021 ,		14
11	Vaccination with SARS-CoV-2 Spike Protein and AS03 Adjuvant Induces Rapid Anamnestic Antibodies in the Lung and Protects Against Virus Challenge in Nonhuman Primates 2021 ,		13
10	mRNA-1273 or mRNA-Omicron boost in vaccinated macaques elicits comparable B cell expansion, neutralizing antibodies and protection against Omicron		12
9	Low-dose in vivo protection and neutralization across SARS-CoV-2 variants by monoclonal antibody combinations. <i>Nature Immunology</i> , 2021 , 22, 1503-1514	19.1	12

8	Aptamers against Cells Overexpressing Glypican 3 from Expanded Genetic Systems Combined with Cell Engineering and Laboratory Evolution. <i>Angewandte Chemie</i> , 2016 , 128, 12560-12563	3.6	8
7	Cross-Linked Aptamer-Lipid Micelles for Excellent Stability and Specificity in Target-Cell Recognition. <i>Angewandte Chemie</i> , 2018 , 130, 11763-11767	3.6	6
6	Comprehensive Regression Model for Dissociation Equilibria of Cell-Specific Aptamers. <i>Analytical Chemistry</i> , 2018 , 90, 10487-10493	7.8	2
5	Antibody screening at reduced pH enables preferential selection of potently neutralizing antibodies targeting SARS-CoV-2.. <i>AIChE Journal</i> , 2021 , 67, e17440	3.6	2
4	SARS-CoV-2 S2P spike ages through distinct states with altered immunogenicity. <i>Journal of Biological Chemistry</i> , 2021 , 297, 101127	5.4	2
3	Conjugation of FabaFragments with Fluorescent Dyes for Single-Molecule Tracking On Live Cells. <i>Bio-protocol</i> , 2019 , 9, e3375	0.9	1
2	Convergent epitope specificities, V gene usage and public clones elicited by primary exposure to SARS-CoV-2 variants. 2022 ,		1
1	Molecular probes of spike ectodomain and its subdomains for SARS-CoV-2 variants, Alpha through Omicron. <i>PLoS ONE</i> , 2022 , 17, e0268767	3.7	1