

# Xiaodong Yan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9561352/publications.pdf>

Version: 2024-02-01

13  
papers

594  
citations

840119

11  
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1125271

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docs citations

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times ranked

701  
citing authors

#	ARTICLE	IF	CITATIONS
1	AUTO3DEM—an automated and high throughput program for image reconstruction of icosahedral particles. <i>Journal of Structural Biology</i> , 2007, 157, 73-82.	1.3	173
2	Ab initio random model method facilitates 3D reconstruction of icosahedral particles. <i>Journal of Structural Biology</i> , 2007, 157, 211-225.	1.3	90
3	The Capsid Proteins of a Large, Icosahedral dsDNA Virus. <i>Journal of Molecular Biology</i> , 2009, 385, 1287-1299.	2.0	64
4	Atomic structures of Coxsackievirus A6 and its complex with a neutralizing antibody. <i>Nature Communications</i> , 2017, 8, 505.	5.8	61
5	Cryo-EM Structures of a Group II Intron Reverse Splicing into DNA. <i>Cell</i> , 2019, 178, 612-623.e12.	13.5	41
6	Atomic structures of enterovirus D68 in complex with two monoclonal antibodies define distinct mechanisms of viral neutralization. <i>Nature Microbiology</i> , 2019, 4, 124-133.	5.9	40
7	Rational design of a triple-type human papillomavirus vaccine by compromising viral-type specificity. <i>Nature Communications</i> , 2018, 9, 5360.	5.8	25
8	The C-Terminal Arm of the Human Papillomavirus Major Capsid Protein Is Immunogenic and Involved in Virus-Host Interaction. <i>Structure</i> , 2016, 24, 874-885.	1.6	24
9	Identification of Antibodies with Non-overlapping Neutralization Sites that Target Coxsackievirus A16. <i>Cell Host and Microbe</i> , 2020, 27, 249-261.e5.	5.1	24
10	Crystal Structures of Two Immune Complexes Identify Determinants for Viral Infectivity and Type-Specific Neutralization of Human Papillomavirus. <i>MBio</i> , 2017, 8, .	1.8	20
11	Discovery and structural characterization of a therapeutic antibody against coxsackievirus A10. <i>Science Advances</i> , 2018, 4, eaat7459.	4.7	19
12	T = 4 Icosahedral HIV-1 Capsid As an Immunogenic Vector for HIV-1 V3 Loop Epitope Display. <i>Viruses</i> , 2018, 10, 667.	1.5	9
13	Single particle analysis integrated with microscopy: A high-throughput approach for reconstructing icosahedral particles. <i>Journal of Structural Biology</i> , 2014, 186, 8-18.	1.3	4