

Michael Jason de la Cruz

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,360
citations

687363

13
h-index

839539

18
g-index

24
all docs

24
docs citations

24
times ranked

2082
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrative structure and functional anatomy of a nuclear pore complex. <i>Nature</i> , 2018, 555, 475-482.	27.8	435
2	Atomic-resolution structures from fragmented protein crystals with the cryoEM method MicroED. <i>Nature Methods</i> , 2017, 14, 399-402.	19.0	158
3	Structural basis for the prion-like MAVS filaments in antiviral innate immunity. <i>ELife</i> , 2014, 3, e01489.	6.0	145
4	The collection of MicroED data for macromolecular crystallography. <i>Nature Protocols</i> , 2016, 11, 895-904.	12.0	117
5	MicroED data collection and processing. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2015, 71, 353-360.	0.1	115
6	MicroED Structure of Au ₁₄₆ (p-MBA) ₅₇ at Subatomic Resolution Reveals a Twinned FCC Cluster. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 5523-5530.	4.6	100
7	Modeling truncated pixel values of faint reflections in MicroED images. <i>Journal of Applied Crystallography</i> , 2016, 49, 1029-1034.	4.5	58
8	MicroED data collection with SerialEM. <i>Ultramicroscopy</i> , 2019, 201, 77-80.	1.9	50
9	Structure-function insights into the initial step of DNA integration by a CRISPR-Cas Transposon complex. <i>Cell Research</i> , 2020, 30, 182-184.	12.0	30
10	Sonophore-enhanced nanoemulsions for optoacoustic imaging of cancer. <i>Chemical Science</i> , 2018, 9, 5646-5657.	7.4	25
11	Atomic resolution structure determination by the cryoEM method MicroED. <i>Protein Science</i> , 2017, 26, 8-15.	7.6	22
12	Allosteric interactions prime androgen receptor dimerization and activation. <i>Molecular Cell</i> , 2022, 82, 2021-2031.e5.	9.7	21
13	Molecular mechanisms of assembly and TRIP13-mediated remodeling of the human Shieldin complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2024512118.	7.1	16
14	Nanoemulsion-Based Delivery of Fluorescent PARP Inhibitors in Mouse Models of Small Cell Lung Cancer. <i>Bioconjugate Chemistry</i> , 2018, 29, 3776-3782.	3.6	15
15	Structural insights into DNMT5-mediated ATP-dependent high-fidelity epigenome maintenance. <i>Molecular Cell</i> , 2022, 82, 1186-1198.e6.	9.7	11
16	Characterization of the Effects of Arylazido Compounds and UVA Irradiation on the Viral Proteins and Infectivity of Human Immunodeficiency Virus Type 1. <i>Photochemistry and Photobiology</i> , 2010, 86, 1099-1108.	2.5	9
17	Automation of Continuous-Rotation Data Collection for. <i>Methods in Molecular Biology</i> , 2021, 2215, 321-327.	0.9	2
18	Micro- and nanocrystal preparation for MicroED and XFEL serial crystallography by fragmentation of imperfect crystals. <i>Protocol Exchange</i> , 0, , .	0.3	2