

Todd J Green

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,931
citations

279798

23
h-index

265206

42
g-index

52
all docs

52
docs citations

52
times ranked

2017
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of the Vesicular Stomatitis Virus Nucleoprotein-RNA Complex. <i>Science</i> , 2006, 313, 357-360.	12.6	302
2	Cryo-EM Model of the Bullet-Shaped Vesicular Stomatitis Virus. <i>Science</i> , 2010, 327, 689-693.	12.6	205
3	Structure of the vesicular stomatitis virus nucleocapsid in complex with the nucleocapsid-binding domain of the small polymerase cofactor, P. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 11713-11718.	7.1	107
4	The Emerging Role of Complement Proteins as a Target for Therapy of IgA Nephropathy. <i>Frontiers in Immunology</i> , 2019, 10, 504.	4.8	100
5	Crystal Structure of the Oligomerization Domain of the Phosphoprotein of Vesicular Stomatitis Virus. <i>Journal of Virology</i> , 2006, 80, 2808-2814.	3.4	93
6	Single-Dose Intranasal Administration of AdCOVID Elicits Systemic and Mucosal Immunity against SARS-CoV-2 and Fully Protects Mice from Lethal Challenge. <i>Vaccines</i> , 2021, 9, 881.	4.4	86
7	Study of the Assembly of Vesicular Stomatitis Virus N Protein: Role of the P Protein. <i>Journal of Virology</i> , 2000, 74, 9515-9524.	3.4	81
8	Nucleocapsid protein structures from orthobunyaviruses reveal insight into ribonucleoprotein architecture and RNA polymerization. <i>Nucleic Acids Research</i> , 2013, 41, 5912-5926.	14.5	69
9	Structure of Nonstructural Protein 1 from SARS-CoV-2. <i>Journal of Virology</i> , 2021, 95, .	3.4	67
10	Role of Intermolecular Interactions of Vesicular Stomatitis Virus Nucleoprotein in RNA Encapsidation. <i>Journal of Virology</i> , 2008, 82, 674-682.	3.4	56
11	RNA Synthesis and Capping by Non-segmented Negative Strand RNA Viral Polymerases: Lessons From a Prototypic Virus. <i>Frontiers in Microbiology</i> , 2019, 10, 1490.	3.5	56
12	Structural and Functional Characterization of the Mumps Virus Phosphoprotein. <i>Journal of Virology</i> , 2013, 87, 7558-7568.	3.4	52
13	Conserved characteristics of the rhabdovirus nucleoprotein. <i>Virus Research</i> , 2007, 129, 246-251.	2.2	51
14	Access to RNA Encapsidated in the Nucleocapsid of Vesicular Stomatitis Virus. <i>Journal of Virology</i> , 2011, 85, 2714-2722.	3.4	44
15	A dual-functional priming-capping loop of rhabdoviral RNA polymerases directs terminal <i>de novo</i> initiation and capping intermediate formation. <i>Nucleic Acids Research</i> , 2019, 47, 299-309.	14.5	38
16	Structure of Human Stabilin-1 Interacting Chitinase-like Protein (SI-CLP) Reveals a Saccharide-binding Cleft with Lower Sugar-binding Selectivity. <i>Journal of Biological Chemistry</i> , 2010, 285, 39898-39904.	3.4	37
17	Common Mechanism for RNA Encapsidation by Negative-Strand RNA Viruses. <i>Journal of Virology</i> , 2014, 88, 3766-3775.	3.4	37
18	Mutations in Escherichia coli Polyphosphate Kinase That Lead to Dramatically Increased <i>In Vivo</i> Polyphosphate Levels. <i>Journal of Bacteriology</i> , 2018, 200, .	2.2	37

#	ARTICLE	IF	CITATIONS
19	Signature motifs of GDP polyribonucleotidyltransferase, a non-segmented negative strand RNA viral mRNA capping enzyme, domain in the L protein are required for covalent enzyme-ppRNA intermediate formation. <i>Nucleic Acids Research</i> , 2016, 44, 330-341.	14.5	36
20	Structural comparisons of the nucleoprotein from three negative strand RNA virus families. <i>Virology Journal</i> , 2007, 4, 72.	3.4	33
21	Pathogenesis of IgA Nephropathy: Current Understanding and Implications for Development of Disease-Specific Treatment. <i>Journal of Clinical Medicine</i> , 2021, 10, 4501.	2.4	30
22	Structural and Functional Insights into the Molecular Mechanisms Responsible for the Regulation of Pyruvate Dehydrogenase Kinase 2. <i>Journal of Biological Chemistry</i> , 2008, 283, 15789-15798.	3.4	29
23	Natural and Recombinant SARS-CoV-2 Isolates Rapidly Evolve <i>In Vitro</i> to Higher Infectivity through More Efficient Binding to Heparan Sulfate and Reduced S1/S2 Cleavage. <i>Journal of Virology</i> , 2021, 95, e0135721.	3.4	25
24	A Cytotoxic Diacetylene from <i>Dendropanax arboreus</i> . <i>Planta Medica</i> , 1995, 61, 470-471.	1.3	24
25	Crystallization and preliminary X-ray analysis of a proteinase-K-resistant domain within the phosphoprotein of vesicular stomatitis virus (Indiana). <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2004, 60, 2087-2090.	2.5	20
26	Structural analyses reveal the mechanism of inhibition of influenza virus NS1 by two antiviral compounds. <i>Journal of Biological Chemistry</i> , 2018, 293, 14659-14668.	3.4	20
27	An Antibacterial Vitamin E Derivative from <i>Tovomitopsis psychotriifolia</i> . <i>Planta Medica</i> , 1995, 61, 275-276.	1.3	18
28	Visualizing the RNA Molecule in the Bacterially Expressed Vesicular Stomatitis Virus Nucleoprotein-RNA Complex. <i>Structure</i> , 2004, 12, 227-235.	3.3	18
29	Characterization of a Mumps Virus Nucleocapsidlike Particle. <i>Journal of Virology</i> , 2009, 83, 11402-11406.	3.4	18
30	Transcriptional Control and mRNA Capping by the GDP Polyribonucleotidyltransferase Domain of the Rabies Virus Large Protein. <i>Viruses</i> , 2019, 11, 504.	3.3	17
31	Resolution improvement of X-ray diffraction data of crystals of a vesicular stomatitis virus nucleocapsid protein oligomer complexed with RNA. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2006, 62, 498-504.	2.5	15
32	Defining HIV-1 Envelope N-Glycan Microdomains through Site-Specific Heterogeneity Profiles. <i>Journal of Virology</i> , 2019, 93, .	3.4	15
33	Crystal Structures of Group B Streptococcus Glyceraldehyde-3-Phosphate Dehydrogenase: Apo-Form, Binary and Ternary Complexes. <i>PLoS ONE</i> , 2016, 11, e0165917.	2.5	14
34	Structure and Function of the N-Terminal Domain of the Vesicular Stomatitis Virus RNA Polymerase. <i>Journal of Virology</i> , 2016, 90, 715-724.	3.4	13
35	NAP1L1 and NAP1L4 Binding to Hypervariable Domain of Chikungunya Virus nsP3 Protein Is Bivalent and Requires Phosphorylation. <i>Journal of Virology</i> , 2021, 95, e0083621.	3.4	11
36	Atomic view of the HIV-1 matrix lattice; implications on virus assembly and envelope incorporation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	10

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37	Purification, crystallization and preliminary X-ray crystallographic analysis of the nucleocapsid protein of Bunyamwera virus. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2006, 62, 361-364.	0.7	9
38	The Connector Domain of Vesicular Stomatitis Virus Large Protein Interacts with the Viral Phosphoprotein. <i>Journal of Virology</i> , 2020, 94, .	3.4	9
39	<sc><i>Chlamydia trachomatis</i></sc> glyceraldehyde 3â€phosphate dehydrogenase: Enzyme kinetics, highâ€resolution crystal structure, and plasminogen binding. <i>Protein Science</i> , 2020, 29, 2446-2458.	7.6	5
40	Structural characterization of HIV-1 matrix mutants implicated in envelope incorporation. <i>Journal of Biological Chemistry</i> , 2021, 296, 100321.	3.4	5
41	Cytokines and Production of Aberrantly<i>O</i>-Glycosylated IgA1, the Main Autoantigen in IgA Nephropathy. <i>Journal of Interferon and Cytokine Research</i> , 2022, 42, 301-315.	1.2	4
42	Consequences of Phosphorylation in a <i>Mononegavirales</i> Polymerase-Cofactor System. <i>Journal of Virology</i> , 2021, 95, .	3.4	3
43	Expression, purification, crystallization of fragments from the C-terminal region of DFF45/ICAD. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 1323-1326.	2.5	2
44	Crystallization and Preliminary X-Ray Crystallographic Studies on SICLP, a Novel Human Glyco_18 Domain â€“ Containing Protein. <i>Protein and Peptide Letters</i> , 2009, 16, 336-338.	0.9	2
45	GDP polyribonucleotidyltransferase domain of vesicular stomatitis virus polymerase regulates leader-promoter escape and polyadenylation-coupled termination during stop-start transcription. <i>PLoS Pathogens</i> , 2022, 18, e1010287.	4.7	2
46	Assembly of Vesicular Stomatitis Virus. , 2011, , 175-191.		1
47	1.55â€Å... resolution X-ray crystal structure of Rv3902c from <i>Mycobacterium tuberculosis</i> . <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 414-417.	0.8	1
48	Catalysis of mRNA Capping with GDP Polyribonucleotidyltransferase Activity of Rabies Virus L Protein. , 2021, , 459-474.		0