Russell J Diefenbach

List of Publications by Year
in descending order

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Version: 2024-02-01

57 papers	2,755 citations	201674 27 h-index	175258 52 g-index
57 all docs	57 docs citations	57 times ranked	3223 citing authors

#	Article	IF	Citations
1	Protein kinase inhibitor responses in uveal melanoma reflects a diminished dependency on PKC-MAPK signaling. Cancer Gene Therapy, 2022, 29, 1384-1393.	4.6	11
2	Anchored Multiplex PCR Custom Melanoma Next Generation Sequencing Panel for Analysis of Circulating Tumor DNA. Frontiers in Oncology, 2022, 12, 820510.	2.8	2
3	Comprehensive Clinical, Histopathologic, and Molecular Analysis and Long-term Follow-up of Patients With Nodal Blue Nevi. American Journal of Surgical Pathology, 2022, 46, 1048-1059.	3.7	3
4	A putative WAVE regulatory complex (WRC) interacting receptor sequence (WIRS) in the cytoplasmic tail of HSV-1 gE does not function in WRC recruitment or neuronal transport. Access Microbiology, 2021, 3, 000206.	0.5	0
5	Circulating Tumor DNA Reflects Uveal Melanoma Responses to Protein Kinase C Inhibition. Cancers, 2021, 13, 1740.	3.7	17
6	Design and Testing of a Custom Melanoma Next Generation Sequencing Panel for Analysis of Circulating Tumor DNA. Cancers, 2020, 12, 2228.	3.7	22
7	Multiplex detection of ctDNA mutations in plasma of colorectal cancer patients by PCR/SERS assay. Nanotheranostics, 2020, 4, 224-232.	5.2	25
8	Methylated circulating tumor DNA as a biomarker in cutaneous melanoma. Melanoma Management, 2020, 7, MMT46.	0.5	7
9	Enabling Sensitive Phenotypic Profiling of Cancer-Derived Small Extracellular Vesicles Using Surface-Enhanced Raman Spectroscopy Nanotags. ACS Sensors, 2020, 5, 764-771.	7.8	66
10	Longitudinal Monitoring of ctDNA in Patients with Melanoma and Brain Metastases Treated with Immune Checkpoint Inhibitors. Clinical Cancer Research, 2020, 26, 4064-4071.	7.0	50
11	Tour de Herpes: Cycling Through the Life and Biology of HSV-1. Methods in Molecular Biology, 2020, 2060, 1-30.	0.9	11
12	Circulating tumor DNA (ctDNA) in patients (pts) with metastatic uveal melanoma (UM) treated with protein kinase C inhibitor (PKCi).. Journal of Clinical Oncology, 2020, 38, e22054-e22054.	1.6	1
13	Analysis of the Whole-Exome Sequencing of Tumor and Circulating Tumor DNA in Metastatic Melanoma. Cancers, 2019, 11, 1905.	3.7	14
14	Hypermethylation of Circulating Free DNA in Cutaneous Melanoma. Applied Sciences (Switzerland), 2019, 9, 5074.	2.5	6
15	Monitoring Melanoma Using Circulating Free DNA. American Journal of Clinical Dermatology, 2019, 20, 1-12.	6.7	26
16	Phototracking Vaccinia Virus Transport Reveals Dynamics of Cytoplasmic Dispersal and a Requirement for A36R and F12L for Exit from the Site of Wrapping. Viruses, 2018, 10, 390.	3.3	2
17	Evaluation of commercial kits for purification of circulating free DNA. Cancer Genetics, 2018, 228-229, 21-27.	0.4	90
18	Cytoskeletons in the Closetâ€"Subversion in Alphaherpesvirus Infections. Viruses, 2018, 10, 79.	3.3	25

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19	Infection and Transport of Herpes Simplex Virus Type 1 in Neurons: Role of the Cytoskeleton. Viruses, 2018, 10, 92.	3.3	84
20	Liquid biomarkers in melanoma: detection and discovery. Molecular Cancer, 2018, 17, 8.	19.2	74
21	Oncogenic signaling in uveal melanoma. Pigment Cell and Melanoma Research, 2018, 31, 661-672.	3.3	58
22	Comparison of Haliotis rubra hemocyanin isoforms 1 and 2. Gene Reports, 2016, 4, 123-130.	0.8	4
23	Fast track, dynein-dependent nuclear targeting of human immunodeficiency virus Vpr protein; impaired trafficking in a clinical isolate. Biochemical and Biophysical Research Communications, 2016, 470, 735-740.	2.1	8
24	Abalone Hemocyanin Blocks the Entry of Herpes Simplex Virus 1 into Cells: a Potential New Antiviral Strategy. Antimicrobial Agents and Chemotherapy, 2016, 60, 1003-1012.	3.2	31
25	Dual Role of Herpes Simplex Virus 1 pUS9 in Virus Anterograde Axonal Transport and Final Assembly in Growth Cones in Distal Axons. Journal of Virology, 2016, 90, 2653-2663.	3.4	23
26	The Basic Domain of Herpes Simplex Virus 1 pUS9 Recruits Kinesin-1 To Facilitate Egress from Neurons. Journal of Virology, 2016, 90, 2102-2111.	3.4	54
27	Oncolytic virotherapy using herpes simplex virus: how far have we come?. Oncolytic Virotherapy, 2015, 4, 207.	6.0	24
28	HIV Blocks Interferon Induction in Human Dendritic Cells and Macrophages by Dysregulation of TBK1. Journal of Virology, 2015, 89, 6575-6584.	3.4	84
29	Conserved tegument protein complexes: Essential components in the assembly of herpesviruses. Virus Research, 2015, 210, 308-317.	2.2	28
30	The interaction of HSV-1 tegument proteins pUL36 and pUL37: a novel target for antivirals that inhibit viral assembly. Future Virology, 2014, 9, 787-789.	1.8	1
31	The interaction of the HSV-1 tegument proteins pUL36 and pUL37 is essential for secondary envelopment during viral egress. Virology, 2014, 454-455, 67-77.	2.4	32
32	A36-dependent Actin Filament Nucleation Promotes Release of Vaccinia Virus. PLoS Pathogens, 2013, 9, e1003239.	4.7	34
33	Letter in response to: Making the case: Married versus Separate models of alphaherpes virus anterograde transport in axons. Reviews in Medical Virology, 2013, 23, 414-418.	8.3	16
34	Loss of Cytoskeletal Transport during Egress Critically Attenuates Ectromelia Virus Infection In Vivo. Journal of Virology, 2012, 86, 7427-7443.	3.4	21
35	Ultrastructural Visualization of Individual Tegument Protein Dissociation during Entry of Herpes Simplex Virus 1 into Human and Rat Dorsal Root Ganglion Neurons. Journal of Virology, 2012, 86, 6123-6137.	3.4	51
36	Identification of host cell proteins which interact with herpes simplex virus type 1 tegument protein pUL37. Biochemical and Biophysical Research Communications, 2012, 417, 961-965.	2.1	10

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37	Identification of a single amino acid residue which is critical for the interaction between HSV-1 inner tegument proteins pUL36 and pUL37. Virology, 2012, 422, 308-316.	2.4	19
38	The Major Determinant for Addition of Tegument Protein pUL48 (VP16) to Capsids in Herpes Simplex Virus Type 1 Is the Presence of the Major Tegument Protein pUL36 (VP1/2). Journal of Virology, 2010, 84, 1397-1405.	3.4	60
39	Kinesin-1 plays a role in transport of SNAP-25 to the plasma membrane. Biochemical and Biophysical Research Communications, 2010, 391, 388-393.	2.1	12
40	Identification of binding domains in the herpes simplex virus type 1 small capsid protein pUL35 (VP26). Journal of General Virology, 2010, 91, 2659-2663.	2.9	14
41	Herpes Simplex Virus Utilizes the Large Secretory Vesicle Pathway for Anterograde Transport of Tegument and Envelope Proteins and for Viral Exocytosis from Growth Cones of Human Fetal Axons. Journal of Virology, 2009, 83, 3187-3199.	3.4	84
42	Functional roles of the tegument proteins of herpes simplex virus type 1. Virus Research, 2009, 145, 173-186.	2.2	113
43	Transport and egress of herpes simplex virus in neurons. Reviews in Medical Virology, 2008, 18, 35-51.	8.3	177
44	Identification of structural proteinâ€“protein interactions of herpes simplex virus type 1. Virology, 2008, 378, 347-354.	2.4	90
45	Residues F593 and E596 of HSV-1 tegument protein pUL36 (VP1/2) mediate binding of tegument protein pUL37. Virology, 2007, 368, 26-31.	2.4	49
46	The Cycle of Human Herpes Simplex Virus Infection: Virus Transport and Immune Control. Journal of Infectious Diseases, 2006, 194, S11-S18.	4.0	168
47	New insights into viral structure and virusâ€“cell interactions through proteomics. Expert Review of Proteomics, 2005, 2, 577-588.	3.0	13
48	Determination of Interactions between Tegument Proteins of Herpes Simplex Virus Type 1. Journal of Virology, 2005, 79, 9566-9571.	3.4	191
49	Defining Viral Protein Interactomes Using the Yeast Two-Hybrid Assay. Current Proteomics, 2005, 2, 225-231.	0.3	1
50	Herpes Simplex Virus Type 1 Capsid Protein VP26 Interacts with Dynein Light Chains RP3 and Tctex1 and Plays a Role in Retrograde Cellular Transport. Journal of Biological Chemistry, 2004, 279, 28522-28530.	3.4	150
51	The ribosome receptor, p180, interacts with kinesin heavy chain, KIF5B. Biochemical and Biophysical Research Communications, 2004, 319, 987-992.	2.1	37
52	Herpes Simplex Virus Tegument Protein US11 Interacts with Conventional Kinesin Heavy Chain. Journal of Virology, 2002, 76, 3282-3291.	3.4	127
53	The Heavy Chain of Conventional Kinesin Interacts with the SNARE Proteins SNAP25 and SNAP23â€. Biochemistry, 2002, 41, 14906-14915.	2.5	48
54	The C-Terminal Region of the Stalk Domain of Ubiquitous Human Kinesin Heavy Chain Contains the Binding Site for Kinesin Light Chain. Biochemistry, 1998, 37, 16663-16670.	2.5	122

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55	X-ray Crystal Structure of C3d: A C3 Fragment and Ligand for Complement Receptor 2 . Science, 1998, 280, 1277-1281.	12.6	209
56	Inhibition of transketolase and pyruvate decarboxylase by omeprazole. Biochemical Pharmacology, 1992, 44, 177-179.	4.4	17
57	Effects of substitution of aspartate-440 and tryptophan-487 in the thiamin diphosphate binding region of pyruvate decarboxylase fromZymomonas mobilis. FEBS Letters, 1992, 296, 95-98.	2.8	39