Jean A Bernatchez

List of Publications by Year
in descending order

30	928	567281 15	477307 29
papers	citations	h-index	g-index

33	33	33	1944
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transcription Elongation Machinery Is a Druggable Dependency and Potentiates Immunotherapy in Glioblastoma Stem Cells. Cancer Discovery, 2022, 12, 502-521.	9.4	29
2	Identification of Leucinostatins from Ophiocordyceps sp. as Antiparasitic Agents against Trypanosoma cruzi. ACS Omega, 2022, 7, 7675-7682.	3.5	3
3	Leveraging Allele-Specific Expression for Therapeutic Response Gene Discovery in Glioblastoma. Cancer Research, 2022, 82, 377-390.	0.9	5
4	Nucleoside analogue inhibitors for Zika virus infection. , 2021, , 385-396.		0
5	Self-Masked Aldehyde Inhibitors: A Novel Strategy for Inhibiting Cysteine Proteases. Journal of Medicinal Chemistry, 2021, 64, 11267-11287.	6.4	19
6	Drugs for the Treatment of Zika Virus Infection. Journal of Medicinal Chemistry, 2020, 63, 470-489.	6.4	63
7	Insights gained into respiratory infection pathogenesis using lung tissue metabolomics. PLoS Pathogens, 2020, 16, e1008662.	4.7	15
8	The Meningioma Enhancer Landscape Delineates Novel Subgroups and Drives Druggable Dependencies. Cancer Discovery, 2020, 10, 1722-1741.	9.4	30
9	Local Phenomena Shape Backyard Soil Metabolite Composition. Metabolites, 2020, 10, 86.	2.9	10
10	Peptidomimetic Vinyl Heterocyclic Inhibitors of Cruzain Effect Antitrypanosomal Activity. Journal of Medicinal Chemistry, 2020, 63, 3298-3316.	6.4	19
11	Scaffold and Parasite Hopping: Discovery of New Protozoal Proliferation Inhibitors. ACS Medicinal Chemistry Letters, 2020, 11, 249-257.	2.8	17
12	Zika Virus Targets Glioblastoma Stem Cells through a SOX2-Integrin Î±vÎ²5 Axis. Cell Stem Cell, 2020, 26, 187-204.e10.	11.1	126
13	High-Throughput Screening of the ReFRAME Library Identifies Potential Drug Repurposing Candidates for Trypanosoma cruzi. Microorganisms, 2020, 8, 472.	3.6	10
14	Mechanism of Action of Methotrexate Against Zika Virus. Viruses, 2019, 11, 338.	3.3	31
15	Activity of Selected Nucleoside Analogue ProTides against Zika Virus in Human Neural Stem Cells. Viruses, 2019, 11, 365.	3.3	10
16	Chromatin landscapes reveal developmentally encoded transcriptional states that define human glioblastoma. Journal of Experimental Medicine, 2019, 216, 1071-1090.	8.5	89
17	Kinase and Histone Deacetylase Hybrid Inhibitors for Cancer Therapy. Journal of Medicinal Chemistry, 2019, 62, 3171-3183.	6.4	105
18	In vitro evaluation of the leishmanicidal potential of selected plant-derived extracts against Leishmania (Leishmania) amazonensi. International Journal of Complementary & Alternative Medicine, 2019, 12, 36-41.	0.1	2

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19	Pharmacophore requirements for HIV-1 reverse transcriptase inhibitors that selectively â€œFreezeâ€•the pre-translocated complex during the polymerization catalytic cycle. Bioorganic and Medicinal Chemistry, 2018, 26, 1713-1726.	3.0	8
20	Development and Validation of a Phenotypic High-Content Imaging Assay for Assessing the Antiviral Activity of Small-Molecule Inhibitors Targeting Zika Virus. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	22
21	Cysteine proteases in protozoan parasites. PLoS Neglected Tropical Diseases, 2018, 12, e0006512.	3.0	104
22	A common anti-cytomegalovirus drug, ganciclovir, inhibits HIV-1 replication in human tissues ex vivo. Aids, 2017, 31, 1519-1528.	2.2	2
23	Mass Spectrometry-Based Chemical Cartography of a Cardiac Parasitic Infection. Analytical Chemistry, 2017, 89, 10414-10421.	6.5	35
24	Derivatives of Mesoxalic Acid Block Translocation of HIV-1 Reverse Transcriptase. Journal of Biological Chemistry, 2015, 290, 1474-1484.	3.4	14
25	Alpha-carboxy nucleoside phosphonates as universal nucleoside triphosphate mimics. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3475-3480.	7.1	29
26	Nucleotide Sugar Pucker Preference Mitigates Excision by HIV-1 RT. ACS Chemical Biology, 2015, 10, 2024-2033.	3.4	11
27	Dynamics of Hepatitis C Virus (HCV) RNA-dependent RNA Polymerase NS5B in Complex with RNA. Journal of Biological Chemistry, 2014, 289, 14399-14411.	3.4	22
28	Characterization of amino acids Arg, Ser and Thr at position 70 within HIV-1 reverse transcriptase. Acta Clinica Belgica, 2014, 69, 348-357.	1.2	3
29	Formation of a Quaternary Complex of HIV-1 Reverse Transcriptase with a Nucleotide-competing Inhibitor and Its ATP Enhancer. Journal of Biological Chemistry, 2013, 288, 17336-17346.	3.4	12
30	Inhibitors of the Hepatitis C Virus RNA-Dependent RNA Polymerase NS5B. Viruses, 2010, 2, 2169-2195.	3.3	82