

# Jean A Bernatchez

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

928  
citations

567281

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477307

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g-index

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33  
docs citations

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times ranked

1944  
citing authors

#	ARTICLE	IF	CITATIONS
1	Zika Virus Targets Glioblastoma Stem Cells through a SOX2-Integrin $\beta$ 5 Axis. <i>Cell Stem Cell</i> , 2020, 26, 187-204.e10.	11.1	126
2	Kinase and Histone Deacetylase Hybrid Inhibitors for Cancer Therapy. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 3171-3183.	6.4	105
3	Cysteine proteases in protozoan parasites. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006512.	3.0	104
4	Chromatin landscapes reveal developmentally encoded transcriptional states that define human glioblastoma. <i>Journal of Experimental Medicine</i> , 2019, 216, 1071-1090.	8.5	89
5	Inhibitors of the Hepatitis C Virus RNA-Dependent RNA Polymerase NS5B. <i>Viruses</i> , 2010, 2, 2169-2195.	3.3	82
6	Drugs for the Treatment of Zika Virus Infection. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 470-489.	6.4	63
7	Mass Spectrometry-Based Chemical Cartography of a Cardiac Parasitic Infection. <i>Analytical Chemistry</i> , 2017, 89, 10414-10421.	6.5	35
8	Mechanism of Action of Methotrexate Against Zika Virus. <i>Viruses</i> , 2019, 11, 338.	3.3	31
9	The Meningioma Enhancer Landscape Delineates Novel Subgroups and Drives Druggable Dependencies. <i>Cancer Discovery</i> , 2020, 10, 1722-1741.	9.4	30
10	Alpha-carboxy nucleoside phosphonates as universal nucleoside triphosphate mimics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3475-3480.	7.1	29
11	Transcription Elongation Machinery Is a Druggable Dependency and Potentiates Immunotherapy in Glioblastoma Stem Cells. <i>Cancer Discovery</i> , 2022, 12, 502-521.	9.4	29
12	Dynamics of Hepatitis C Virus (HCV) RNA-dependent RNA Polymerase NS5B in Complex with RNA. <i>Journal of Biological Chemistry</i> , 2014, 289, 14399-14411.	3.4	22
13	Development and Validation of a Phenotypic High-Content Imaging Assay for Assessing the Antiviral Activity of Small-Molecule Inhibitors Targeting Zika Virus. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	22
14	Peptidomimetic Vinyl Heterocyclic Inhibitors of Cruzain Effect Antitrypanosomal Activity. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 3298-3316.	6.4	19
15	Self-Masked Aldehyde Inhibitors: A Novel Strategy for Inhibiting Cysteine Proteases. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 11267-11287.	6.4	19
16	Scaffold and Parasite Hopping: Discovery of New Protozoal Proliferation Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 249-257.	2.8	17
17	Insights gained into respiratory infection pathogenesis using lung tissue metabolomics. <i>PLoS Pathogens</i> , 2020, 16, e1008662.	4.7	15
18	Derivatives of Mesoxalic Acid Block Translocation of HIV-1 Reverse Transcriptase. <i>Journal of Biological Chemistry</i> , 2015, 290, 1474-1484.	3.4	14

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19	Formation of a Quaternary Complex of HIV-1 Reverse Transcriptase with a Nucleotide-competing Inhibitor and Its ATP Enhancer. <i>Journal of Biological Chemistry</i> , 2013, 288, 17336-17346.	3.4	12
20	Nucleotide Sugar Pucker Preference Mitigates Excision by HIV-1 RT. <i>ACS Chemical Biology</i> , 2015, 10, 2024-2033.	3.4	11
21	Activity of Selected Nucleoside Analogue ProTides against Zika Virus in Human Neural Stem Cells. <i>Viruses</i> , 2019, 11, 365.	3.3	10
22	Local Phenomena Shape Backyard Soil Metabolite Composition. <i>Metabolites</i> , 2020, 10, 86.	2.9	10
23	High-Throughput Screening of the ReFRAME Library Identifies Potential Drug Repurposing Candidates for <i>Trypanosoma cruzi</i> . <i>Microorganisms</i> , 2020, 8, 472.	3.6	10
24	Pharmacophore requirements for HIV-1 reverse transcriptase inhibitors that selectively "freeze" the pre-translocated complex during the polymerization catalytic cycle. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 1713-1726.	3.0	8
25	Leveraging Allele-Specific Expression for Therapeutic Response Gene Discovery in Glioblastoma. <i>Cancer Research</i> , 2022, 82, 377-390.	0.9	5
26	Characterization of amino acids Arg, Ser and Thr at position 70 within HIV-1 reverse transcriptase. <i>Acta Clinica Belgica</i> , 2014, 69, 348-357.	1.2	3
27	Identification of Leucinostatins from <i>Ophiocordyceps</i> sp. as Antiparasitic Agents against <i>Trypanosoma cruzi</i> . <i>ACS Omega</i> , 2022, 7, 7675-7682.	3.5	3
28	A common anti-cytomegalovirus drug, ganciclovir, inhibits HIV-1 replication in human tissues ex vivo. <i>Aids</i> , 2017, 31, 1519-1528.	2.2	2
29	In vitro evaluation of the leishmanicidal potential of selected plant-derived extracts against <i>Leishmania (Leishmania) amazonensi</i> . <i>International Journal of Complementary &amp; Alternative Medicine</i> , 2019, 12, 36-41.	0.1	2
30	Nucleoside analogue inhibitors for Zika virus infection. , 2021, , 385-396.		0