

Celia R Berkers

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

2,314
citations

516561

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h-index

677027

22
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28
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docs citations

28
times ranked

4392
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting coenzyme Q10 synthesis overcomes bortezomib resistance in multiple myeloma. <i>Molecular Omics</i> , 2022, 18, 19-30.	1.4	8
2	Ascorbate kills breast cancer cells by rewiring metabolism via redox imbalance and energy crisis. <i>Free Radical Biology and Medicine</i> , 2021, 163, 196-209.	1.3	22
3	Anti-tumour immunity induces aberrant peptide presentation in melanoma. <i>Nature</i> , 2021, 590, 332-337.	13.7	81
4	Treatment with HIV-Protease Inhibitor Nelfinavir Identifies Membrane Lipid Composition and Fluidity as a Therapeutic Target in Advanced Multiple Myeloma. <i>Cancer Research</i> , 2021, 81, 4581-4593.	0.4	8
5	Omega-3 Fatty Acids DHA and EPA Reduce Bortezomib Resistance in Multiple Myeloma Cells by Promoting Glutathione Degradation. <i>Cells</i> , 2021, 10, 2287.	1.8	19
6	Oncogene-dependent sloppiness in mRNA translation. <i>Molecular Cell</i> , 2021, 81, 4709-4721.e9.	4.5	21
7	Stable human regulatory T cells switch to glycolysis following TNF receptor 2 costimulation. <i>Nature Metabolism</i> , 2020, 2, 1046-1061.	5.1	38
8	Nelfinavir Overcomes Proteasome Inhibitor Resistance in Multiple Myeloma By Modulating Membrane Lipid Bilayer Composition and Fluidity. <i>Blood</i> , 2020, 136, 11-11.	0.6	0
9	A fragment-like approach to PYCR1 inhibition. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 2626-2631.	1.0	28
10	The Influence of Metabolism on Drug Response in Cancer. <i>Frontiers in Oncology</i> , 2018, 8, 500.	1.3	182
11	Proteasome Activation by Small Molecules. <i>Cell Chemical Biology</i> , 2017, 24, 725-736.e7.	2.5	113
12	Bortezomib resistance in multiple myeloma is associated with increased serine synthesis. <i>Cancer & Metabolism</i> , 2017, 5, 7.	2.4	115
13	Proteasome activity regulates CD8+ T lymphocyte metabolism and fate specification. <i>Journal of Clinical Investigation</i> , 2017, 127, 3609-3623.	3.9	35
14	Serine starvation induces stress and p53-dependent metabolic remodelling in cancer cells. <i>Nature</i> , 2013, 493, 542-546.	13.7	773
15	Fluorescence-Based Proteasome Activity Profiling. <i>Methods in Molecular Biology</i> , 2012, 803, 183-204.	0.4	18
16	Drug discovery and assay development in the ubiquitinâ€“proteasome system. <i>Biochemical Society Transactions</i> , 2010, 38, 14-20.	1.6	19
17	Quantifying cross-tissue diversity in proteasome complexes by mass spectrometry. <i>Molecular BioSystems</i> , 2010, 6, 1450.	2.9	22
18	Molecular basis of bortezomib resistance: proteasome subunit β 5 (PSMB5) gene mutation and overexpression of PSMB5 protein. <i>Blood</i> , 2008, 112, 2489-2499.	0.6	406

#	ARTICLE	IF	CITATIONS
19	Profiling Proteasome Activity in Tissue with Fluorescent Probes. <i>Molecular Pharmaceutics</i> , 2007, 4, 739-748.	2.3	78
20	Distinct Dynamic Profiles for NPI-0052-And Bortezomib-Induced Apoptosis in Multiple Myeloma.. <i>Blood</i> , 2006, 108, 3396-3396.	0.6	2
21	Activity probe for in vivo profiling of the specificity of proteasome inhibitor bortezomib. <i>Nature Methods</i> , 2005, 2, 357-362.	9.0	230
22	Immunotherapeutic potential for ceramide-based activators of iNKT cells. <i>Trends in Pharmacological Sciences</i> , 2005, 26, 252-257.	4.0	88
23	In Vitro and In Vivo Proteasome Activity Profiles of Bortezomib and a Novel Proteasome Inhibitor NPI-0052.. <i>Blood</i> , 2005, 106, 3363-3363.	0.6	1
24	TNFR2 Costimulation Differentially Impacts Regulatory and Conventional CD4+ T-Cell Metabolism. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	7