Katarzyna Groborz

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10880325/publications.pdf

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18	678	840776 11	839539 18
papers	citations	h-index	g-index

22	22	22	1176
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cytotoxicity, early safety screening, and antimicrobial potential of minor oxime constituents of essential oils and aromatic extracts. Scientific Reports, 2022, 12, 5319.	3.3	3
2	SARS-CoV-2 Mpro inhibitors and activity-based probes for patient-sample imaging. Nature Chemical Biology, 2021, 17, 222-228.	8.0	215
3	Structural Determinants of Substrate Specificity of SplF Protease from Staphylococcus aureus. International Journal of Molecular Sciences, 2021, 22, 2220.	4.1	6
4	Exploring the prime site in caspases as a novel chemical strategy for understanding the mechanisms of cell death: a proof of concept study on necroptosis in cancer cells. Cell Death and Differentiation, 2020, 27, 451-465.	11.2	7
5	Profiling of flaviviral NS2B-NS3 protease specificity provides a structural basis for the development of selective chemical tools that differentiate Dengue from Zika and West Nile viruses. Antiviral Research, 2020, 175, 104731.	4.1	14
6	Design of Opticalâ€Imaging Probes by Screening of Diverse Substrate Libraries Directly in Diseaseâ€Tissue Extracts. Angewandte Chemie, 2020, 132, 19305-19314.	2.0	2
7	Design of Opticalâ€Imaging Probes by Screening of Diverse Substrate Libraries Directly in Diseaseâ€Tissue Extracts. Angewandte Chemie - International Edition, 2020, 59, 19143-19152.	13.8	24
8	Caspase selective reagents for diagnosing apoptotic mechanisms. Cell Death and Differentiation, 2019, 26, 229-244.	11.2	38
9	Fluorescent probes towards selective cathepsin B detection and visualization in cancer cells and patient samples. Chemical Science, 2019, 10, 8461-8477.	7.4	47
10	Development of an advanced nanoformulation for the intracellular delivery of a caspase-3 selective activity-based probe. Nanoscale, 2019, 11, 742-751.	5.6	6
11	Characterization ofP. falciparumdipeptidyl aminopeptidase 3 specificity identifies differences in amino acid preferences between peptideâ€based substrates and covalent inhibitors. FEBS Journal, 2019, 286, 3998-4023.	4.7	7
12	Internally quenched fluorogenic substrates with unnatural amino acids for cathepsin G investigation. Biochimie, 2019, 166, 103-111.	2.6	13
13	Potent and selective caspase-2 inhibitor prevents MDM-2 cleavage in reversine-treated colon cancer cells. Cell Death and Differentiation, 2019, 26, 2695-2709.	11.2	22
14	Selective imaging of cathepsinÂL in breast cancer by fluorescent activity-based probes. Chemical Science, 2018, 9, 2113-2129.	7.4	64
15	Extensive peptide and natural protein substrate screens reveal that mouse caspase-11 has much narrower substrate specificity than caspase-1. Journal of Biological Chemistry, 2018, 293, 7058-7067.	3.4	74
16	Determination of extended substrate specificity of the MALT1 as a strategy for the design of potent substrates and activity-based probes. Scientific Reports, 2018, 8, 15998.	3.3	14
17	Emerging challenges in the design of selective substrates, inhibitors and activityâ€based probes for indistinguishable proteases. FEBS Journal, 2017, 284, 1518-1539.	4.7	50
18	Recent advances and concepts in substrate specificity determination of proteases using tailored libraries of fluorogenic substrates with unnatural amino acids. Biological Chemistry, 2015, 396, 329-337.	2.5	22