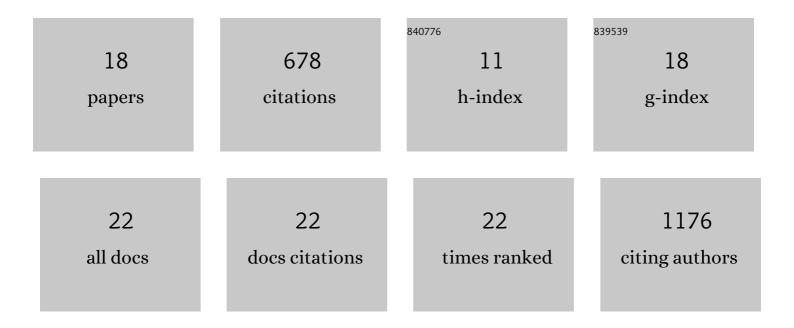
Katarzyna Groborz

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	SARS-CoV-2 Mpro inhibitors and activity-based probes for patient-sample imaging. Nature Chemical Biology, 2021, 17, 222-228.	8.0	215
2	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
3	Selective imaging of cathepsinÂL in breast cancer by fluorescent activity-based probes. Chemical Science, 2018, 9, 2113-2129.	7.4	64
4	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
5	Fluorescent probes towards selective cathepsin B detection and visualization in cancer cells and patient samples. Chemical Science, 2019, 10, 8461-8477.	7.4	47
6	Caspase selective reagents for diagnosing apoptotic mechanisms. Cell Death and Differentiation, 2019, 26, 229-244.	11.2	38
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	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
9	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
10	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
11	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
12	Internally quenched fluorogenic substrates with unnatural amino acids for cathepsin G investigation. Biochimie, 2019, 166, 103-111.	2.6	13
13	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
14	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
15	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
16	Structural Determinants of Substrate Specificity of SplF Protease from Staphylococcus aureus. International Journal of Molecular Sciences, 2021, 22, 2220.	4.1	6
17	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
18	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