Paulina Kasperkiewicz

List of Publications by Year
in descending order

30	1,255	361413	454955
papers	citations	20 h-index	30 g-index

35	35	35	1711
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Parallel imaging of coagulation pathway proteases activated protein C, thrombin, and factor Xa in human plasma. Chemical Science, 2022, 13, 6813-6829.	7.4	5
2	Anticancer Efficacy of 6-Gingerol with Paclitaxel against Wild Type of Human Breast Adenocarcinoma. Molecules, 2022, 27, 2693.	3.8	8
3	Peptidyl Activity-Based Probes for Imaging Serine Proteases. Frontiers in Chemistry, 2021, 9, 639410.	3.6	6
4	NETosis occurs independently of neutrophil serine proteases. Journal of Biological Chemistry, 2020, 295, 17624-17631.	3.4	25
5	Effects of curcumin based PDT on the viability and the organization of actin in melanotic (A375) and amelanotic melanoma (C32) â€“ in vitro studies. Biomedicine and Pharmacotherapy, 2020, 132, 110883.	5.6	22
6	Detection of Active Granzyme A in NK92 Cells with Fluorescent Activity-Based Probe. Journal of Medicinal Chemistry, 2020, 63, 3359-3369.	6.4	18
7	Noninvasive optical detection of granzyme B from natural killer cells with enzyme-activated fluorogenic probes. Journal of Biological Chemistry, 2020, 295, 9567-9582.	3.4	32
8	Leveraging Peptide Substrate Libraries to Design Inhibitors of Bacterial Lon Protease. ACS Chemical Biology, 2019, 14, 2453-2462.	3.4	12
9	Application of a chemical probe to detect neutrophil elastase activation during inflammatory bowel disease. Scientific Reports, 2019, 9, 13295.	3.3	22
10	Internally quenched fluorogenic substrates with unnatural amino acids for cathepsin G investigation. Biochimie, 2019, 166, 103-111.	2.6	13
11	Selective imaging of cathepsinÂL in breast cancer by fluorescent activity-based probes. Chemical Science, 2018, 9, 2113-2129.	7.4	64
12	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
13	Selective Substrates and Activity-Based Probes for Imaging of the Human Constitutive 20S Proteasome in Cells and Blood Samples. Journal of Medicinal Chemistry, 2018, 61, 5222-5234.	6.4	28
14	SUMO-mediated regulation of NLRP3 modulates inflammasome activity. Nature Communications, 2018, 9, 3001.	12.8	134
15	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
16	Highly sensitive and adaptable fluorescence-quenched pair discloses the substrate specificity profiles in diverse protease families. Scientific Reports, 2017, 7, 43135.	3.3	51
17	Extended substrate specificity and first potent irreversible inhibitor/activity-based probe design for Zika virus NS2B-NS3 protease. Antiviral Research, 2017, 139, 88-94.	4.1	55
18	Toolbox of Fluorescent Probes for Parallel Imaging Reveals Uneven Location of Serine Proteases in Neutrophils. Journal of the American Chemical Society, 2017, 139, 10115-10125.	13.7	86

#	Article	IF	Citations
19	Design of Selective Substrates and Activity-Based Probes for Hydrolase Important for Pathogenesis 1 (HIP1) from Mycobacterium tuberculosis. ACS Infectious Diseases, 2016, 2, 807-815.	3.8	45
20	Counter Selection Substrate Library Strategy for Developing Specific Protease Substrates and Probes. Cell Chemical Biology, 2016, 23, 1023-1035.	5.2	45
21	Design of a Selective Substrate and Activity Based Probe for Human Neutrophil Serine Protease 4. PLoS ONE, 2015, 10, e0132818.	2.5	49
22	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
23	The Elastase-PK101 Structure: Mechanism of an Ultrasensitive Activity-based Probe Revealed. ACS Chemical Biology, 2015, 10, 945-951.	3.4	24
24	SARS hCoV papain-like protease is a unique Lys48 linkage-specific di-distributive deubiquitinating enzyme. Biochemical Journal, 2015, 468, 215-226.	3.7	60
25	Substrate Specificity and Possible Heterologous Targets of Phytaspase, a Plant Cell Death Protease. Journal of Biological Chemistry, 2015, 290, 24806-24815.	3.4	22
26	Small Molecule Active Site Directed Tools for Studying Human Caspases. Chemical Reviews, 2015, 115, 12546-12629.	47.7	68
27	Design of ultrasensitive probes for human neutrophil elastase through hybrid combinatorial substrate library profiling. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2518-2523.	7.1	148
28	Mechanism and specificity of the human paracaspase MALT1. Biochemical Journal, 2012, 443, 287-295.	3.7	88
29	Current and prospective applications of non-proteinogenic amino acids in profiling of proteases substrate specificity. Biological Chemistry, 2012, 393, 843-851.	2.5	19
30	Simple phosphonic inhibitors of human neutrophil elastase. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 1310-1314.	2.2	20