Charles S Craik

List of Publications by Year
in descending order

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152	13,933	38742 50	24258 110
papers	citations	h-index	g-index

163	163	163	22730
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Design of a population-based longitudinal cohort study of SARS-CoV-2 incidence and prevalence among adults in the San Francisco Bay Area. Annals of Epidemiology, 2022, 67, 81-100.	1.9	5
2	Inhibiting a dynamic viral protease by targeting a non-catalytic cysteine. Cell Chemical Biology, 2022, 29, 785-798.e19.	5.2	4
3	Translation of a Protease Turnover Assay for Clinical Discrimination of Mucinous Pancreatic Cysts. Diagnostics, 2022, 12, 1343.	2.6	2
4	End-Binding E3 Ubiquitin Ligases Enable Protease Signaling. ACS Chemical Biology, 2021, 16, 2047-2056.	3.4	5
5	Global Protease Activity Profiling Identifies HER2-Driven Proteolysis in Breast Cancer. ACS Chemical Biology, 2021, 16, 712-723.	3.4	6
6	Re-emerging Aspartic Protease Targets: Examining Cryptococcus neoformans Major Aspartyl Peptidase 1 as a Target for Antifungal Drug Discovery. Journal of Medicinal Chemistry, 2021, 64, 6706-6719.	6.4	14
7	Identification of recombinant Fabs for structural and functional characterization of HIV-host factor complexes. PLoS ONE, 2021, 16, e0250318.	2.5	0
8	Beginning at the End(s): A Latent End-Binding Network at the Hostâ€“Pathogen Interface. Biochemistry, 2021, 60, 1627-1629.	2.5	0
9	Structural insight into SARS-CoV-2 neutralizing antibodies and modulation of syncytia. Cell, 2021, 184, 3192-3204.e16.	28.9	68
10	Characterising proteolysis during SARS-CoV-2 infection identifies viral cleavage sites and cellular targets with therapeutic potential. Nature Communications, 2021, 12, 5553.	12.8	76
11	In Vivo Measurement of Granzyme Proteolysis from Activated Immune Cells with PET. ACS Central Science, 2021, 7, 1638-1649.	11.3	30
12	A novel class of TMPRSS2 inhibitors potently block SARS-CoV-2 and MERS-CoV viral entry and protect human epithelial lung cells. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	54
13	Immunotargeting of Nanocrystals by SpyCatcher Conjugation of Engineered Antibodies. ACS Nano, 2021, 15, 18374-18384.	14.6	18
14	Mapping the catalytic conformations of an assembly-line polyketide synthase module. Science, 2021, 374, 729-734.	12.6	41
15	Colloidal Aggregators in Biochemical SARS-CoV-2 Repurposing Screens. Journal of Medicinal Chemistry, 2021, 64, 17530-17539.	6.4	19
16	Further Evidence That the Soluble Urokinase Plasminogen Activator Receptor Does Not Directly Injure Mice or Human Podocytes. Transplantation, 2020, 104, 54-60.	1.0	13
17	Antibody Probes of Module 1 of the 6-Deoxyerythronolide B Synthase Reveal an Extended Conformation During Ketoreduction. Journal of the American Chemical Society, 2020, 142, 14933-14939.	13.7	8
18	An Opaque Cell-Specific Expression Program of Secreted Proteases and Transporters Allows Cell-Type Cooperation in Candida albicans. Genetics, 2020, 216, 409-429.	2.9	6

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19	An Analysis of Isoclonal Antibody Formats Suggests a Role for Measuring PD-L1 with Low Molecular Weight PET Radiotracers. Molecular Imaging and Biology, 2020, 22, 1553-1561.	2.6	11
20	Platform to Discover Protease-Activated Antibiotics and Application to Siderophoreâ€“Antibiotic Conjugates. Journal of the American Chemical Society, 2020, 142, 21310-21321.	13.7	25
21	Combination of Antifungal Drugs and Protease Inhibitors Prevent Candida albicans Biofilm Formation and Disrupt Mature Biofilms. Frontiers in Microbiology, 2020, 11, 1027.	3.5	34
22	MO009NEUTRALIZATION OF UPAR WITH AN ANTI-UPAR ANTIBODY AMELIORATES RECURRENT FSGS SERA INDUCED PODOCYTE INJURY. Nephrology Dialysis Transplantation, 2020, 35, .	0.7	2
23	Isoforms of Cathepsin B1 in Neurotropic Schistosomula of Trichobilharzia regenti Differ in Substrate Preferences and a Highly Expressed Catalytically Inactive Paralog Binds Cystatin. Frontiers in Cellular and Infection Microbiology, 2020, 10, 66.	3.9	3
24	A SARS-CoV-2 protein interaction map reveals targets for drug repurposing. Nature, 2020, 583, 459-468.	27.8	3,542
25	Monitoring protease activity in biological tissues using antibody prodrugs as sensing probes. Scientific Reports, 2020, 10, 5894.	3.3	19
26	Structural and mechanistic basis of the EMC-dependent biogenesis of distinct transmembrane clients. ELife, 2020, 9, .	6.0	66
27	Specificity for latent C termini links the E3 ubiquitin ligase CHIP to caspases. Nature Chemical Biology, 2019, 15, 786-794.	8.0	54
28	The lysosomal aminopeptidase tripeptidyl peptidase 1 displays increased activity in malignant pancreatic cysts. Biological Chemistry, 2019, 400, 1629-1638.	2.5	12
29	KH-Type Splicing Regulatory Protein Controls Colorectal Cancer Cell Growth and Modulates the Tumor Microenvironment. American Journal of Pathology, 2019, 189, 1916-1932.	3.8	8
30	Antibody-Drug Conjugates Targeting the Urokinase Receptor (uPAR) as a Possible Treatment of Aggressive Breast Cancer. Antibodies, 2019, 8, 54.	2.5	16
31	Progranulin Stimulates the In Vitro Maturation of Pro-Cathepsin D at Acidic pH. Journal of Molecular Biology, 2019, 431, 1038-1047.	4.2	52
32	Identifying a potential biomarker for primary focal segmental glomerulosclerosis and its association with recurrence after transplantation. Clinical Transplantation, 2019, 33, e13487.	1.6	7
33	Why recombinant antibodies â€" benefits and applications. Current Opinion in Biotechnology, 2019, 60, 153-158.	6.6	44
34	Discovery of Selective Matriptase and Hepsin Serine Protease Inhibitors: Useful Chemical Tools for Cancer Cell Biology. Journal of Medicinal Chemistry, 2019, 62, 480-490.	6.4	22
35	Global substrate specificity profiling of postâ€translational modifying enzymes. Protein Science, 2018, 27, 584-594.	7.6	36
36	Imaging PD-L1 Expression with ImmunoPET. Bioconjugate Chemistry, 2018, 29, 96-103.	3.6	109

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37	Predicting CD4 T-cell epitopes based on antigen cleavage, MHCII presentation, and TCR recognition. PLoS ONE, 2018, 13, e0206654.	2.5	31
38	Discovery and Characterization of a Thioesterase-Specific Monoclonal Antibody That Recognizes the 6-Deoxyerythronolide B Synthase. Biochemistry, 2018, 57, 6201-6208.	2.5	7
39	A Preclinical Assessment of ⁸⁹Zr-atezolizumab Identifies a Requirement for Carrier Added Formulations Not Observed with ⁸⁹Zr-C4. Bioconjugate Chemistry, 2018, 29, 3476-3482.	3.6	37
40	Structureâ€"Function Analysis of the Extended Conformation of a Polyketide Synthase Module. Journal of the American Chemical Society, 2018, 140, 6518-6521.	13.7	37
41	SmSP2: A serine protease secreted by the blood fluke pathogen Schistosoma mansoni with anti-hemostatic properties. PLoS Neglected Tropical Diseases, 2018, 12, e0006446.	3.0	26
42	Substrate Specificity of Cysteine Proteases Beyond the S2 Pocket: Mutagenesis and Molecular Dynamics Investigation of Fasciola hepatica Cathepsins L. Frontiers in Molecular Biosciences, 2018, 5, 40.	3.5	10
43	Structural determinants of specificity and regulation of activity in the allosteric loop network of human KLK8/neuropsin. Scientific Reports, 2018, 8, 10705.	3.3	7
44	Fab-based inhibitors reveal ubiquitin independent functions for HIV Vif neutralization of APOBEC3 restriction factors. PLoS Pathogens, 2018, 14, e1006830.	4.7	17
45	Discovery of Reactive Microbiota-Derived Metabolites that Inhibit Host Proteases. Cell, 2017, 168, 517-526.e18.	28.9	173
46	Synthesis and mechanistic evaluation of novel N â€™-benzylidene-carbohydrazide-1 H -pyrazolo[3,4 -b]pyridine derivatives as non-anionic antiplatelet agents. European Journal of Medicinal Chemistry, 2017, 135, 213-229.	5.5	25
47	Global Protease Activity Profiling Provides Differential Diagnosis of Pancreatic Cysts. Clinical Cancer Research, 2017, 23, 4865-4874.	7.0	37
48	Substrate Profiling and High Resolution Co-complex Crystal Structure of a Secreted C11 Protease Conserved across Commensal Bacteria. ACS Chemical Biology, 2017, 12, 1556-1565.	3.4	27
49	Multiplex Substrate Profiling by Mass Spectrometry for Kinases as a Method for Revealing Quantitative Substrate Motifs. Analytical Chemistry, 2017, 89, 4550-4558.	6.5	17
50	Biochemical Basis for Distinct Roles of the Heterochromatin Proteins Swi6 and Chp2. Journal of Molecular Biology, 2017, 429, 3666-3677.	4.2	24
51	Allosteric Inhibitors, Crystallography, and Comparative Analysis Reveal Network of Coordinated Movement across Human Herpesvirus Proteases. Journal of the American Chemical Society, 2017, 139, 11650-11653.	13.7	13
52	Cryo-EM structures of the TMEM16A calcium-activated chloride channel. Nature, 2017, 552, 426-429.	27.8	274
53	Immunoproteasome functions explained by divergence in cleavage specificity and regulation. ELife, 2017, 6, .	6.0	66
54	Fragmentâ€Based Proteinâ€"Protein Interaction Antagonists of a Viral Dimeric Protease. ChemMedChem, 2016, 11, 862-869.	3.2	11

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55	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
56	Site-Specific Radiofluorination of Biomolecules with 8-[¹⁸F]-Fluorooctanoic Acid Catalyzed by Lipoic Acid Ligase. ACS Chemical Biology, 2016, 11, 1587-1594.	3.4	18
57	Intracellular Action of a Secreted Peptide Required for Fungal Virulence. Cell Host and Microbe, 2016, 19, 849-864.	11.0	93
58	Procathepsin E is highly abundant but minimally active in pancreatic ductal adenocarcinoma tumors. Biological Chemistry, 2016, 397, 871-881.	2.5	10
59	Label-Free Electrical Detection of Enzymatic Reactions in Nanochannels. ACS Nano, 2016, 10, 7476-7484.	14.6	42
60	Global Identification of Biofilm-Specific Proteolysis in Candida albicans. MBio, 2016, 7, .	4.1	63
61	Matriptase activation connects tissue factorâ€“dependent coagulation initiation to epithelial proteolysis and signaling. Blood, 2016, 127, 3260-3269.	1.4	33
62	Clustering of disulfide-rich peptides provides scaffolds for hit discovery by phage display: application to interleukin-23. BMC Bioinformatics, 2016, 17, 481.	2.6	9
63	Complementary Proteomic and Biochemical Analysis of Peptidases in Lobster Gastric Juice Uncovers the Functional Role of Individual Enzymes in Food Digestion. Marine Biotechnology, 2016, 18, 201-214.	2.4	11
64	Quantitative MS-based enzymology of caspases reveals distinct protein substrate specificities, hierarchies, and cellular roles. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E2001-10.	7.1	99
65	Structure- and function-based design of Plasmodium-selective proteasome inhibitors. Nature, 2016, 530, 233-236.	27.8	208
66	InÂvivo imaging of protease activity by Probody therapeutic activation. Biochimie, 2016, 122, 62-67.	2.6	24
67	Excretion/secretion products from Schistosoma mansoni adults, eggs and schistosomula have unique peptidase specificity profiles. Biochimie, 2016, 122, 99-109.	2.6	31
68	Cysteine and Aspartyl Proteases Contribute to Protein Digestion in the Gut of Freshwater Planaria. PLoS Neglected Tropical Diseases, 2016, 10, e0004893.	3.0	20
69	Integrated Activity and Genetic Profiling of Secreted Peptidases in Cryptococcus neoformans Reveals an Aspartyl Peptidase Required for Low pH Survival and Virulence. PLoS Pathogens, 2016, 12, e1006051.	4.7	36
70	Evolutionary Selection on Barrier Activity: Bar1 Is an Aspartyl Protease with Novel Substrate Specificity. MBio, 2015, 6, e01604-15.	4.1	8
71	Structural requirements for the collagenase and elastase activity of cathepsin K and its selective inhibition by an exosite inhibitor. Biochemical Journal, 2015, 465, 163-173.	3.7	40
72	Ecotin: Exploring a feasible antithrombotic profile. International Journal of Biological Macromolecules, 2015, 78, 296-303.	7.5	0

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73	Destructin-1 is a collagen-degrading endopeptidase secreted by Pseudogymnoascus destructans, the causative agent of white-nose syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7478-7483.	7.1	68
74	Imaging Active Urokinase Plasminogen Activator in Prostate Cancer. Cancer Research, 2015, 75, 1225-1235.	0.9	25
75	Non-invasive imaging and cellular tracking of pulmonary emboli by near-infrared fluorescence and positron-emission tomography. Nature Communications, 2015, 6, 8448.	12.8	37
76	Subnanometre-resolution electron cryomicroscopy structure of a heterodimeric ABC exporter. Nature, 2015, 517, 396-400.	27.8	114
77	Imaging the Urokinase Plasminongen Activator Receptor in Preclinical Breast Cancer Models of Acquired Drug Resistance. Theranostics, 2014, 4, 267-279.	10.0	31
78	Structure-Function Analyses of Human Kallikrein-related Peptidase 2 Establish the 99-Loop as Master Regulator of Activity. Journal of Biological Chemistry, 2014, 289, 34267-34283.	3.4	28
79	Cullin E3 Ligases and Their Rewiring by Viral Factors. Biomolecules, 2014, 4, 897-930.	4.0	78
80	Sensitive and Selective Plasmon Ruler Nanosensors for Monitoring the Apoptotic Drug Response in Leukemia. ACS Nano, 2014, 8, 9199-9208.	14.6	36
81	Current and Potential Treatments for Ubiquitous but Neglected Herpesvirus Infections. Chemical Reviews, 2014, 114, 11382-11412.	47.7	22
82	The Androgen-Regulated Protease TMPRSS2 Activates a Proteolytic Cascade Involving Components of the Tumor Microenvironment and Promotes Prostate Cancer Metastasis. Cancer Discovery, 2014, 4, 1310-1325.	9.4	389
83	Broad-Spectrum Allosteric Inhibition of Herpesvirus Proteases. Biochemistry, 2014, 53, 4648-4660.	2.5	14
84	Single-Molecule Sensing of Caspase Activation in Live Cells via Plasmon Coupling Nanotechnology. Methods in Enzymology, 2014, 544, 271-297.	1.0	1
85	Substrate Specificity of MarP, a Periplasmic Protease Required for Resistance to Acid and Oxidative Stress in Mycobacterium tuberculosis. Journal of Biological Chemistry, 2013, 288, 12489-12499.	3.4	31
86	Targeting uPAR with Antagonistic Recombinant Human Antibodies in Aggressive Breast Cancer. Cancer Research, 2013, 73, 2070-2081.	0.9	83
87	Imaging a functional tumorigenic biomarker in the transformed epithelium. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 93-98.	7.1	41
88	Global Substrate Profiling of Proteases in Human Neutrophil Extracellular Traps Reveals Consensus Motif Predominantly Contributed by Elastase. PLoS ONE, 2013, 8, e75141.	2.5	125
89	Mapping Inhibitor Binding Modes on an Active Cysteine Protease via Nuclear Magnetic Resonance Spectroscopy. Biochemistry, 2012, 51, 10087-10098.	2.5	13
90	Vif hijacks CBF-Î² to degrade APOBEC3G and promote HIV-1 infection. Nature, 2012, 481, 371-375.	27.8	312

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91	Global identification of peptidase specificity by multiplex substrate profiling. Nature Methods, 2012, 9, 1095-1100.	19.0	144
92	A Screening Strategy for Trapping the Inactive Conformer of a Dimeric Enzyme with a Small Molecule Inhibitor. Methods in Molecular Biology, 2012, 928, 119-131.	0.9	1
93	Global landscape of HIVâ€“human protein complexes. Nature, 2012, 481, 365-370.	27.8	651
94	Fabs Enable Single Particle cryoEM Studies of Small Proteins. Structure, 2012, 20, 582-592.	3.3	154
95	Proteases as therapeutics. Biochemical Journal, 2011, 435, 1-16.	3.7	188
96	Enzyme Inhibition by Allosteric Capture of an Inactive Conformation. Journal of Molecular Biology, 2011, 411, 999-1016.	4.2	34
97	Rapid identification of recombinant Fabs that bind to membrane proteins. Methods, 2011, 55, 303-309.	3.8	31
98	Engineering Ecotin for Identifying Proteins with a Trypsin Fold. Applied Biochemistry and Biotechnology, 2010, 160, 2355-2365.	2.9	4
99	Analysis of an engineered plasma kallikrein inhibitor and its effect on contact activation. Biological Chemistry, 2010, 391, 425-33.	2.5	3
100	Antagonistic Anti-urokinase Plasminogen Activator Receptor (uPAR) Antibodies Significantly Inhibit uPAR-mediated Cellular Signaling and Migration. Journal of Biological Chemistry, 2010, 285, 26878-26888.	3.4	51
101	Prediction of protease substrates using sequence and structure features. Bioinformatics, 2010, 26, 1714-1722.	4.1	61
102	Continuous imaging of plasmon rulers in live cells reveals early-stage caspase-3 activation at the single-molecule level. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 17735-17740.	7.1	183
103	Active Plasma Kallikrein Localizes to Mast Cells and Regulates Epithelial Cell Apoptosis, Adipocyte Differentiation, and Stromal Remodeling during Mammary Gland Involution. Journal of Biological Chemistry, 2009, 284, 13792-13803.	3.4	45
104	Characterization of a multimeric, eukaryotic prolyl aminopeptidase: an inducible and highly specific intracellular peptidase from the non-pathogenic fungus Talaromyces emersonii. Microbiology (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.8	29
105	Inhibition of a viral enzyme by a small-molecule dimer disruptor. Nature Chemical Biology, 2009, 5, 640-646.	8.0	77
106	Structure of an Fabâ€“Protease Complex Reveals a Highly Specific Non-canonical Mechanism of Inhibition. Journal of Molecular Biology, 2008, 380, 351-360.	4.2	55
107	Coordinate expression and functional profiling identify an extracellular proteolytic signaling pathway. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 5771-5776.	7.1	89
108	Substrate Modulation of Enzyme Activity in the Herpesvirus Protease Family. Journal of Molecular Biology, 2007, 373, 913-923.	4.2	18

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109	Substrate Profiling of Cysteine Proteases Using a Combinatorial Peptide Library Identifies Functionally Unique Specificities. Journal of Biological Chemistry, 2006, 281, 12824-12832.	3.4	370
110	One Functional Switch Mediates Reversible and Irreversible Inactivation of a Herpesvirus Protease. Biochemistry, 2006, 45, 3572-3579.	2.5	14
111	Ecotin modulates thrombin activity through exosite-2 interactions. International Journal of Biochemistry and Cell Biology, 2006, 38, 1893-1900.	2.8	5
112	Specificity Profiling of Seven Human Tissue Kallikreins Reveals Individual Subsite Preferences. Journal of Biological Chemistry, 2006, 281, 25678-25688.	3.4	132
113	New Insight in Targeting Herpes Virus Family of Proteases. FASEB Journal, 2006, 20, A941.	0.5	0
114	Selective Chemical Functional Probes of Granzymes A and B Reveal Granzyme B Is a Major Effector of Natural Killer Cell-Mediated Lysis of Target Cells. Chemistry and Biology, 2005, 12, 567-577.	6.0	144
115	Induced structure of a helical switch as a mechanism to regulate enzymatic activity. Nature Structural and Molecular Biology, 2005, 12, 1019-1020.	8.2	24
116	Hepatocyte growth factor is a preferred in vitro substrate for human hepsin, a membrane-anchored serine protease implicated in prostate and ovarian cancers. Biochemical Journal, 2005, 390, 125-136.	3.7	178
117	Characterization of Structural Determinants of Granzyme B Reveals Potent Mediators of Extended Substrate Specificity. Journal of Biological Chemistry, 2004, 279, 30751-30759.	3.4	30
118	Communication between the active sites and dimer interface of a herpesvirus protease revealed by a transition-state inhibitor. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 6870-6875.	7.1	47
119	Engineering of a macromolecular scaffold to develop specific protease inhibitors. Nature Biotechnology, 2003, 21, 1063-1068.	17.5	59
120	Computer-assisted Mutagenesis of Ecotin to Engineer Its Secondary Binding Site for Urokinase Inhibition. Journal of Biological Chemistry, 2002, 277, 26623-26631.	3.4	20
121	Expedient Solid-Phase Synthesis of Fluorogenic Protease Substrates Using the 7-Amino-4-carbamoylmethylcoumarin (ACC) Fluorophore. Journal of Organic Chemistry, 2002, 67, 910-915.	3.2	140
122	Special delivery. Biochemistry and Molecular Biology Education, 2002, 30, 151-151.	1.2	0
123	Scanning the prime-Site substrate specificity of proteolytic enzymes: A novel assay based on ligand-Enhanced lanthanide ion fluorescence. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 3619-3623.	2.2	22
124	The role of ecotin dimerization in protease inhibition. Journal of Molecular Biology, 2001, 308, 975-991.	4.2	41
125	A plasma kallikrein-dependent plasminogen cascade required for adipocyte differentiation. Nature Cell Biology, 2001, 3, 267-275.	10.3	150
126	Structural features of a snake venom thrombin-like enzyme: thrombin and trypsin on a single catalytic platform?. BBA - Proteins and Proteomics, 2001, 1547, 183-195.	2.1	44

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127	Novel interâ€protein crossâ€link identified in the GGHâ€ecotin D137Y dimer. Protein Science, 2001, 10, 1549-1562.	7.6	18
128	Synthesis of positional-scanning libraries of fluorogenic peptide substrates to define the extended substrate specificity of plasmin and thrombin. Nature Biotechnology, 2000, 18, 187-193.	17.5	247
129	The structure of the pro-apoptotic protease granzyme B reveals the molecular determinants of its specificity. Nature Structural Biology, 2000, 7, 762-765.	9.7	93
130	Cellular Localization of Membrane-type Serine Protease 1 and Identification of Protease-activated Receptor-2 and Single-chain Urokinase-type Plasminogen Activator as Substrates. Journal of Biological Chemistry, 2000, 275, 26333-26342.	3.4	377
131	Functional Consequences of the Kaposi's Sarcoma-Associated Herpesvirus Protease Structure:â€‰ Regulation of Activity and Dimerization by Conserved Structural Elements,. Biochemistry, 2000, 39, 12796-12803.	2.5	39
132	Determining Proteinâ€'Protein Interactions by Oxidative Cross-Linking of a Glycine-Glycine-Histidine Fusion Proteinâ€. Biochemistry, 1998, 37, 4397-4406.	2.5	55
133	Ecotin: a serine protease inhibitor with two distinct and interacting binding sites. Journal of Molecular Biology, 1998, 279, 945-957.	4.2	52
134	Structural Basis for the Broad Substrate Specificity of Fiddler Crab Collagenolytic Serine Protease 1â€. Biochemistry, 1997, 36, 5393-5401.	2.5	43
135	Viral Proteases: Evolution of Diverse Structural Motifs to Optimize Function. Cell, 1997, 91, 427-430.	28.9	80
136	Structural determinants of specificity in the cysteine protease cruzain. Protein Science, 1997, 6, 1603-1611.	7.6	169
137	[3] Phage display of proteases and macromolecular inhibitors. Methods in Enzymology, 1996, 267, 52-68.	1.0	19
138	Bile pigments as HIV-1 protease inhibitors and their effects on HIV-1 viral maturation and infectivity in vitro. Biochemical Journal, 1996, 320, 681-686.	3.7	73
139	Isolation of a High Affinity Inhibitor of Urokinase-type Plasminogen Activator by Phage Display of Ecotin. Journal of Biological Chemistry, 1995, 270, 12250-12256.	3.4	67
140	Structural basis of substrate specificity in the serine proteases. Protein Science, 1995, 4, 337-360.	7.6	726
141	Isolation and characterization of cDNAs from Atlantic cod encoding two different forms of trypsinogen. FEBS Journal, 1993, 217, 1091-1097.	0.2	86
142	Synthetic â€œinterfaceâ€•peptides alter dimeric assembly of the HIV 1 and 2 proteases. Protein Science, 1992, 1, 1244-1253.	7.6	99
143	HIV protease (HIV PR) inhibitor structureâ€activityâ€selectivity, and active site molecular modeling of high affinity Leu [CH(OH)CH₂]Val modified viral and nonviral substrate analogs. International Journal of Peptide and Protein Research, 1992, 40, 274-281.	0.1	9
144	A primary determinant for lipoxygenase positional specificity. Nature, 1991, 354, 149-152.	27.8	197

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145	Calcium-free calmodulin is a substrate of proteases from human immunodeficiency viruses 1 and 2. Proteins: Structure, Function and Bioinformatics, 1991, 10, 1-9.	2.6	40
146	1.59 Ã... structure of trypsin at 120 K: Comparison of low temperature and room temperature structures. Proteins: Structure, Function and Bioinformatics, 1991, 10, 171-187.	2.6	39
147	An expression system for trypsin. Journal of Cellular Biochemistry, 1989, 39, 265-276.	2.6	53
148	Recombinant HIV1 protease secreted bySaccharomyces cerevisiae correctly processes myristylatedgag polyprotein. Proteins: Structure, Function and Bioinformatics, 1989, 6, 324-337.	2.6	25
149	Studies of Specificity and Catalysis in Trypsin by Structural Analysis of Site-Directed Mutants. Critical Reviews in Biotechnology, 1988, 8, 225-236.	9.0	19
150	Redesigning trypsin via genetic engineering. Journal of Cellular Biochemistry, 1987, 33, 199-211.	2.6	13
151	Site-directed mutagenesis shows that tyrosine 248 of carboxypeptidase A does not play a crucial role in catalysis. Nature, 1985, 317, 551-555.	27.8	130
152	Intronâ€“exon splice junctions map at protein surfaces. Nature, 1982, 299, 180-182.	27.8	149