Ujwal Shinde

List of Publications by Year
in descending order

36 papers	1,692 citations	331670 21 h-index	345221 36 g-index
36 all docs	36 docs citations	36 times ranked	1630 citing authors

#	Article	IF	Citations
1	Tumor Analyses Reveal Squamous Transformation and Off-Target Alterations As Early Resistance Mechanisms to First-line Osimertinib in <i>EGFR</i>-Mutant Lung Cancer. Clinical Cancer Research, 2020, 26, 2654-2663.	7.0	230
2	Intramolecular chaperones and protein folding. Trends in Biochemical Sciences, 1993, 18, 442-446.	7.5	164
3	The crystal structure of an autoprocessed Ser221Cys-subtilisin E-propeptide complex at 2.0 Ã¥ resolution 1 1Edited by I. A. Wilson. Journal of Molecular Biology, 1998, 284, 137-144.	4.2	151
4	Intramolecular chaperones: polypeptide extensions that modulate protein folding. Seminars in Cell and Developmental Biology, 2000, 11, 35-44.	5.0	129
5	Folding Pathway Mediated by an Intramolecular Chaperone. Journal of Biological Chemistry, 2001, 276, 44427-44434.	3.4	99
6	Identification of a pH Sensor in the Furin Propeptide That Regulates Enzyme Activation. Journal of Biological Chemistry, 2006, 281, 16108-16116.	3.4	71
7	A Pathway for Conformational Diversity in Proteins Mediated by Intramolecular Chaperones. Journal of Biological Chemistry, 1999, 274, 15615-15621.	3.4	67
8	Folding Pathway Mediated by an Intramolecular Chaperone. Journal of Biological Chemistry, 2000, 275, 16871-16878.	3.4	65
9	Folding Mediated by an Intramolecular Chaperone: Autoprocessing Pathway of the Precursor Resolvedviaa Substrate Assisted Catalysis Mechanism. Journal of Molecular Biology, 1995, 247, 390-395.	4.2	60
10	Insights from Bacterial Subtilases into the Mechanisms of Intramolecular Chaperone-Mediated Activation of Furin. Methods in Molecular Biology, 2011, 768, 59-106.	0.9	57
11	Folding Pathway Mediated by an Intramolecular Chaperone: Characterization of the Structural Changes in Pro-subtilisin E Coincident with Autoprocess ing. Journal of Molecular Biology, 1995, 252, 25-30.	4.2	55
12	The Structural and Functional Organization of Intramolecular Chaperones: The N-Terminal Propeptides Which Mediate Protein Folding1. Journal of Biochemistry, 1994, 115, 629-636.	1.7	53
13	Folding pathway mediated by an intramolecular chaperone: the structural and functional characterization of the aqualysin I propeptide. Journal of Molecular Biology, 2001, 305, 151-165.	4.2	46
14	Folding Pathway Mediated by an Intramolecular Chaperone: Dissecting Conformational Changes Coincident with Autoprocessing and the Role of Ca2+ in Subtilisin Maturation. Journal of Biochemistry, 2002, 131, 31-37.	1.7	45
15	Inhibition of interleukin-1 receptor-associated kinase-1 is a therapeutic strategy for acute myeloid leukemia subtypes. Leukemia, 2018, 32, 2374-2387.	7.2	43
16	COMMD1 Forms Oligomeric Complexes Targeted to the Endocytic Membranes via Specific Interactions with Phosphatidylinositol 4,5-Bisphosphate. Journal of Biological Chemistry, 2009, 284, 696-707.	3.4	38
17	NTRK kinase domain mutations in cancer variably impact sensitivity to type I and type II inhibitors. Communications Biology, 2020, 3, 776.	4.4	34
18	Caught in the act â€“ protein adaptation and the expanding roles of the PACS proteins in tissue homeostasis and disease. Journal of Cell Science, 2017, 130, 1865-1876.	2.0	31

#	Article	IF	Citations
19	Folding Pathway Mediated by an Intramolecular Chaperone. Journal of Biological Chemistry, 2003, 278, 15246-15251.	3.4	30
20	Positive Selection Dictates the Choice between Kinetic and Thermodynamic Protein Folding and Stability in Subtilases. Biochemistry, 2004, 43, 14348-14360.	2.5	29
21	Propeptides Are Sufficient to Regulate Organelle-Specific pH-Dependent Activation of Furin and Proprotein Convertase 1/3. Journal of Molecular Biology, 2012, 423, 47-62.	4.2	25
22	Cotranslational folding inhibits translocation from within the ribosomeâ€“Sec61 translocon complex. Nature Structural and Molecular Biology, 2014, 21, 228-235.	8.2	24
23	The Mechanism by Which a Propeptide-encoded pH Sensor Regulates Spatiotemporal Activation of Furin. Journal of Biological Chemistry, 2013, 288, 19154-19165.	3.4	23
24	Functional analysis of the propeptides of subtilisin E and aqualysin I as intramolecular chaperones. FEBS Letters, 2001, 508, 210-214.	2.8	22
25	Substrate-induced activation of a trapped IMC-mediated protein folding intermediate. Nature Structural Biology, 2001, 8, 321-325.	9.7	20
26	Resistance Profile and Structural Modeling of Next-Generation ROS1 Tyrosine Kinase Inhibitors. Molecular Cancer Therapeutics, 2022, 21, 336-346.	4.1	20
27	Biochemical, Molecular, and Clinical Characterization of Succinate Dehydrogenase Subunit A Variants of Unknown Significance. Clinical Cancer Research, 2017, 23, 6733-6743.	7.0	12
28	Mechanism of Fine-tuning pH Sensors in Proprotein Convertases. Journal of Biological Chemistry, 2015, 290, 23214-23225.	3.4	11
29	Determination of Histidine p<i>K</i>_a Values in the Propeptides of Furin and Proprotein Convertase 1/3 Using Histidine Hydrogenâ€“Deuterium Exchange Mass Spectrometry. Analytical Chemistry, 2015, 87, 7909-7917.	6.5	10
30	Signaling-Biased and Constitutively Active Dopamine D2 Receptor Variant. ACS Chemical Neuroscience, 2021, 12, 1873-1884.	3.5	9
31	Subtle sequence variations alter tripartite complex kinetics and G-quadruplex dynamics in RNA aptamer Broccoli. Chemical Communications, 2020, 56, 2634-2637.	4.1	5
32	Protein Folding Mediated by an Intramolecular Chaperone: Energy Landscape for Unimolecular Pro-Subtilisin E Maturation. Advances in Bioscience and Biotechnology (Print), 2015, 06, 73-88.	0.7	4
33	A ribose modification of Spinach aptamer accelerates lead(ii) cation association in vitro. Chemical Communications, 2019, 55, 5882-5885.	4.1	4
34	Propeptides of eukaryotic proteases encode histidines to exploit organelle pH for regulation. FASEB Journal, 2013, 27, 2939-2945.	0.5	2
35	A Broccoli aptamer chimera yields a fluorescent K+ sensor spanning physiological concentrations. Chemical Communications, 2021, 57, 1344-1347.	4.1	2
36	Pacritinib, a Dual FLT3/JAK2 Inhibitor, Reduces Irak-1 Signaling in Acute Myeloid Leukemia. Blood, 2015, 126, 570-570.	1.4	2