Shalini Iyer

List of Publications by Year
in descending order

21	751	687363 13	713466 21
papers	citations	h-index	g-index

21	21	21	1196
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Crystal Structure of an Active Form of Human MMP-1. Journal of Molecular Biology, 2006, 362, 78-88.	4.2	98
2	Characterization of Human Angiogenin Variants Implicated in Amyotrophic Lateral Sclerosis. Biochemistry, 2007, 46, 11810-11818.	2.5	98
3	The Crystal Structure of Human Placenta Growth Factor-1 (PlGF-1), an Angiogenic Protein, at 2.0 Ã... Resolution. Journal of Biological Chemistry, 2001, 276, 12153-12161.	3.4	97
4	Tying the knot: The cystine signature and molecularâ€recognition processes of the vascular endothelial growth factor family of angiogenic cytokines. FEBS Journal, 2011, 278, 4304-4322.	4.7	84
5	Crystal Structure of the Catalytic Domain of Matrix Metalloproteinase-1 in Complex with the Inhibitory Domain of Tissue Inhibitor of Metalloproteinase-1. Journal of Biological Chemistry, 2007, 282, 364-371.	3.4	57
6	Structural Insights into the Binding of Vascular Endothelial Growth Factor-B by VEGFR-1D2. Journal of Biological Chemistry, 2010, 285, 23779-23789.	3.4	49
7	C9orf72, a protein associated with amyotrophic lateral sclerosis (ALS) is a guanine nucleotide exchange factor. PeerJ, 2018, 6, e5815.	2.0	45
8	Identification of Placenta Growth Factor Determinants for Binding and Activation of Flt-1 Receptor. Journal of Biological Chemistry, 2004, 279, 43929-43939.	3.4	44
9	Crystal Structure of Human Vascular Endothelial Growth Factor-B: Identification of Amino Acids Important for Receptor Binding. Journal of Molecular Biology, 2006, 359, 76-85.	4.2	34
10	Role of Placenta Growth Factor in Cardiovascular Health. Trends in Cardiovascular Medicine, 2002, 12, 128-134.	4.9	24
11	Legionella effector MavC targets the Ube2N~Ub conjugate for noncanonical ubiquitination. Nature Communications, 2020, 11, 2365.	12.8	21
12	Molecular Recognition of Human Eosinophil-derived Neurotoxin (RNase 2) by Placental Ribonuclease Inhibitor. Journal of Molecular Biology, 2005, 347, 637-655.	4.2	17
13	Crystal Structure of Vascular Endothelial Growth Factor-B in Complex with a Neutralising Antibody Fab Fragment. Journal of Molecular Biology, 2008, 384, 1203-1217.	4.2	14
14	Crystal structure of Xâ€prolyl aminopeptidase fromCaenorhabditis elegans: A cytosolic enzyme with a diâ€nuclear active site. FEBS Open Bio, 2015, 5, 292-302.	2.3	12
15	The Two Deubiquitinating Enzymes from Chlamydia trachomatis Have Distinct Ubiquitin Recognition Properties. Biochemistry, 2020, 59, 1604-1617.	2.5	11
16	A comparative bioinformatic analysis of C9orf72. PeerJ, 2018, 6, e4391.	2.0	11
17	The unity of opposites: Strategic interplay between bacterial effectors to regulate cellular homeostasis. Journal of Biological Chemistry, 2021, 297, 101340.	3.4	10
18	Crystal structures of murine angiogeninâ€2 and â€3 â€“ probing â€˜structure â€“ functionâ€™ relationships amongst angiogenin homologues. FEBS Journal, 2013, 280, 302-318.	4.7	9

#	Article	IF	Citations
19	Purification and functional characterization of the DUB domain of SdeA. Methods in Enzymology, 2019, 618, 343-355.	1.0	7
20	Prediction of structural consequences for disease causing variants in C21orf2 protein using computational approaches. Journal of Biomolecular Structure and Dynamics, 2019, 37, 465-480.	3.5	5
21	Insights into Ubiquitin Product Release in Hydrolysis Catalyzed by the Bacterial Deubiquitinase SdeA. Biochemistry, 2021, 60, 584-596.	2.5	4