

Michael Karpusas

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,216
citations

516710

16
h-index

713466

21
g-index

23
all docs

23
docs citations

23
times ranked

1414
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and functional differences between glycosylated and non-glycosylated forms of human interferon-beta (IFN-beta). <i>Pharmaceutical Research</i> , 1998, 15, 641-649.	3.5	272
2	2 Å crystal structure of an extracellular fragment of human CD40 ligand. <i>Structure</i> , 1995, 3, 1031-1039.	3.3	220
3	Crystal structure of extracellular human BAFF, a TNF family member that stimulates B lymphocytes. <i>Journal of Molecular Biology</i> , 2002, 315, 1145-1154.	4.2	125
4	Systematic Mutational Mapping of Sites on Human Interferon- β -1a That Are Important for Receptor Binding and Functional Activity. <i>Biochemistry</i> , 2000, 39, 2538-2551.	2.5	81
5	The role of polar interactions in the molecular recognition of CD40L with its receptor CD40. <i>Protein Science</i> , 1998, 7, 1124-1135.	7.6	67
6	Analysis of Imatinib and Sorafenib Binding to p38 β Compared with c-Abl and b-Raf Provides Structural Insights for Understanding the Selectivity of Inhibitors Targeting the DFG-Out Form of Protein Kinases. <i>Biochemistry</i> , 2010, 49, 3611-3618.	2.5	63
7	Crystal structure of the β 1 β 21 integrin I-domain: insights into integrin I-domain function. <i>FEBS Letters</i> , 1999, 452, 379-385.	2.8	57
8	Structure of CD40 Ligand in Complex with the Fab Fragment of a Neutralizing Humanized Antibody. <i>Structure</i> , 2001, 9, 321-329.	3.3	44
9	Improved expression, purification, and crystallization of p38 β MAP kinase. <i>Protein Expression and Purification</i> , 2004, 37, 154-161.	1.3	40
10	Two classes of p38 β MAP kinase inhibitors having a common diphenylether core but exhibiting divergent binding modes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 5274-5279.	2.2	33
11	Mutagenesis of p38 β MAP Kinase Establishes Key Roles of Phe169 in Function and Structural Dynamics and Reveals a Novel DFG-OUT State. <i>Biochemistry</i> , 2007, 46, 5687-5696.	2.5	33
12	The central role of the CD40-ligand and CD40 pathway in T-lymphocyte-mediated differentiation of B lymphocytes. <i>Current Opinion in Hematology</i> , 1996, 3, 77-86.	2.5	31
13	Crystal Structure of the β 1 β 21 Integrin I Domain in Complex with an Antibody Fab Fragment. <i>Journal of Molecular Biology</i> , 2003, 327, 1031-1041.	4.2	31
14	The Interaction of the Chemotherapeutic Drug Chlorambucil with Human Glutathione Transferase A1-1: Kinetic and Structural Analysis. <i>PLoS ONE</i> , 2013, 8, e56337.	2.5	30
15	Mapping of IFN- β Epitopes Important for Receptor Binding and Biologic Activation: Comparison of Results Achieved Using Antibody-Based Methods and Alanine Substitution Mutagenesis. <i>Journal of Interferon and Cytokine Research</i> , 2001, 21, 931-941.	1.2	26
16	An aggressive form of polyarticular arthritis in a man with CD154 mutation (X-linked hyper-IgM) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14	6.7	16
17	Variation in the ordered structure of complexes between CD154 and anti-CD154 monoclonal antibodies. <i>Molecular Immunology</i> , 2002, 39, 77-84.	2.2	13
18	Structural and functional analysis of cyclophilin PpiB mutants supports an <i>in vivo</i> function not limited to prolyl isomerization activity. <i>Genes To Cells</i> , 2017, 22, 32-44.	1.2	11

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19	Microbial host selection and periplasmic folding in <i>Escherichia coli</i> affect the biochemical characteristics of a cutinase from <i>Fusarium oxysporum</i> . <i>Protein Expression and Purification</i> , 2016, 127, 1-7.	1.3	9
20	High-resolution crystal structures of a "half sandwich"-type Ru(II) coordination compound bound to hen egg-white lysozyme and proteinase K. <i>Journal of Biological Inorganic Chemistry</i> , 2020, 25, 635-645.	2.6	7
21	The Structure of Human Interferon- β -1a (Avonex [®]) and its Relation to Activity. , 2003, , 483-519.		4
22	Structure-Function Analysis of the Periplasmic <i>Escherichia coli</i> Cyclophilin PpiA in Relation to Biofilm Formation. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2017, 27, 228-236.	1.0	3