

Deepa Rajasekaran

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

329
citations

1163117

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h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

550
citing authors

#	ARTICLE	IF	CITATIONS
1	An Analysis of MIF Structural Features that Control Functional Activation of CD74. <i>Chemistry and Biology</i> , 2015, 22, 1197-1205.	6.0	73
2	Macrophage Migration Inhibitory Factor-CXCR4 Receptor Interactions. <i>Journal of Biological Chemistry</i> , 2016, 291, 15881-15895.	3.4	65
3	Targeting distinct tautomerase sites of D α DT and MIF with a single molecule for inhibition of neutrophil lung recruitment. <i>FASEB Journal</i> , 2014, 28, 4961-4971.	0.5	62
4	MIF intersubunit disulfide mutant antagonist supports activation of CD74 by endogenous MIF trimer at physiologic concentrations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 10994-10999.	7.1	39
5	A Model of GAG/MIP-2/CXCR2 Interfaces and Its Functional Effects. <i>Biochemistry</i> , 2012, 51, 5642-5654.	2.5	24
6	Characterization, Dynamics, and Mechanism of CXCR4 Antagonists on a Constitutively Active Mutant. <i>Cell Chemical Biology</i> , 2019, 26, 662-673.e7.	5.2	20
7	The flexible C terminus of the rotavirus non-structural protein NSP4 is an important determinant of its biological properties. <i>Journal of General Virology</i> , 2008, 89, 1485-1496.	2.9	19
8	Crystallographic and Receptor Binding Characterization of <i>Plasmodium falciparum</i> Macrophage Migration Inhibitory Factor Complexed to Two Potent Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 8652-8656.	6.4	18
9	Structural insight into the evolution of a new chemokine family from zebrafish. <i>Proteins: Structure, Function and Bioinformatics</i> , 2014, 82, 708-716.	2.6	5
10	High-Throughput Screening of a Functional Human CXCL12-CXCR4 Signaling Axis in a Genetically Modified <i>S. cerevisiae</i> : Discovery of a Novel Up-Regulator of CXCR4 Activity. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 164.	3.5	2
11	The N-terminal length and side-chain composition of CXCL13 affect crystallization, structure and functional activity. <i>Acta Crystallographica Section D: Structural Biology</i> , 2020, 76, 1033-1049.	2.3	2