

Nandini Mondal

List of Publications by Year in descending order

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14
papers

648
citations

759233

12
h-index

1058476

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14
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14
times ranked

1179
citing authors

#	ARTICLE	IF	CITATIONS
1	Major differences in glycosylation and fucosyltransferase expression in low-grade versus high-grade bladder cancer cell lines. <i>Glycobiology</i> , 2021, 31, 1444-1463.	2.5	8
2	sLeX Expression Delineates Distinct Functional Subsets of Human Blood Central and Effector Memory T Cells. <i>Journal of Immunology</i> , 2020, 205, 1920-1932.	0.8	3
3	Antibodies from Lampreys as Smart Anti-Glycan Reagents (SAGRs): Perspectives on Their Specificity, Structure, and Glyco-genomics. <i>Biochemistry</i> , 2020, 59, 3111-3122.	2.5	16
4	Glycoengineering of chimeric antigen receptor (CAR) T-cells to enforce E-selectin binding. <i>Journal of Biological Chemistry</i> , 2019, 294, 18465-18474.	3.4	35
5	Bone vascular niche E-selectin induces mesenchymal \rightarrow epithelial transition and Wnt activation in cancer cells to promote bone metastasis. <i>Nature Cell Biology</i> , 2019, 21, 627-639.	10.3	160
6	Optimizing human Treg immunotherapy by Treg subset selection and E-selectin ligand expression. <i>Scientific Reports</i> , 2018, 8, 420.	3.3	23
7	Distinct human α (1,3)-fucosyltransferases drive Lewis-X/sialyl Lewis-X assembly in human cells. <i>Journal of Biological Chemistry</i> , 2018, 293, 7300-7314.	3.4	61
8	Using CRISPR-Cas9 to quantify the contributions of O-glycans, N-glycans and Glycosphingolipids to human leukocyte-endothelium adhesion. <i>Scientific Reports</i> , 2016, 6, 30392.	3.3	47
9	Glycosphingolipids on Human Myeloid Cells Stabilize E-Selectin \rightarrow Dependent Rolling in the Multistep Leukocyte Adhesion Cascade. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 718-727.	2.4	32
10	ST3Gal-4 is the primary sialyltransferase regulating the synthesis of E-, P-, and L-selectin ligands on human myeloid leukocytes. <i>Blood</i> , 2015, 125, 687-696.	1.4	70
11	Distinct glycosyltransferases synthesize E-selectin ligands in human vs. mouse leukocytes. <i>Cell Adhesion and Migration</i> , 2013, 7, 288-292.	2.7	18
12	Silencing α (1,3)-Fucosyltransferases in Human Leukocytes Reveals a Role for FUT9 Enzyme during E-selectin-mediated Cell Adhesion. <i>Journal of Biological Chemistry</i> , 2013, 288, 1620-1633.	3.4	72
13	Lipoxin A ₄ inhibits immune cell binding to salivary epithelium and vascular endothelium. <i>American Journal of Physiology - Cell Physiology</i> , 2012, 302, C968-C978.	4.6	28
14	von Willebrand factor self-association on platelet GpIb \rightarrow under hydrodynamic shear: effect on shear-induced platelet activation. <i>Blood</i> , 2010, 116, 3990-3998.	1.4	75