# Nandini Mondal

List of Publications by Year
in descending order



| 14 | 648 | 759233 12 | 1058476 14 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 14 | 14 | 14 | 1179 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

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