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1455	Endothelial cell glycocalyx modulates immobilization of leukocytes at the endothelial surface. <b>2003</b> , 23, 1541-7		275
1454	Role of hyaluronic acid glycosaminoglycans in shear-induced endothelium-derived nitric oxide release. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2003</b> , 285, H722-6	5.2	225
1453	Effect of glycocalyx on shear-dependent albumin uptake in endothelial cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2004</b> , 287, H2287-94	5.2	50
1452	Inflammation- and ischemia-induced shedding of venular glycocalyx. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2004</b> , 286, H1672-80	5.2	253
1451	Electron microscopic evaluation of the endothelial surface layer of glomerular capillaries. <b>2004</b> , 67, 9-1	7	77
1450	Hydrodynamic forces applied on intercellular bonds, soluble molecules, and cell-surface receptors. <b>2004</b> , 86, 576-88		53
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1448	The endothelial glycocalyx: a potential barrier between health and vascular disease. <b>2005</b> , 16, 507-11		224
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24 23 22 21	Anti-Inflammatory Activity of Orally Administered Rhamnan Sulfate against Lipopolysaccharide-Induced Damage to Mouse Organs and Vascular Endothelium <i>Marine Drugs</i> , 2022, 20,  Endothelial glycocalyx is damaged in diabetic cardiomyopathy: angiopoietin 1 restores glycocalyx and improves diastolic function in mice <i>Diabetologia</i> , 2022, 65, 879  Combined Electron Microscopy Approaches for Arterial Glycocalyx Visualization <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 840689  Haemodynamic Wall Shear Stress, Endothelial Permeability and Atherosclerosis-A Triad of Controversy <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 836680	<ul><li>10.3</li><li>5.4</li><li>5.8</li></ul>	0
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