

Bryan E Thacker

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

1,633
citations

933447

10
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

3645
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 Infection Depends on Cellular Heparan Sulfate and ACE2. <i>Cell</i> , 2020, 183, 1043-1057.e15.	28.9	860
2	ApoC-III inhibits clearance of triglyceride-rich lipoproteins through LDL family receptors. <i>Journal of Clinical Investigation</i> , 2016, 126, 2855-2866.	8.2	186
3	Heparan sulfate 3-O-sulfation: A rare modification in search of a function. <i>Matrix Biology</i> , 2014, 35, 60-72.	3.6	182
4	Defective Wnt-dependent cerebellar midline fusion in a mouse model of Joubert syndrome. <i>Nature Medicine</i> , 2011, 17, 726-731.	30.7	138
5	Passive mechanical properties of the lumbar multifidus muscle support its role as a stabilizer. <i>Journal of Biomechanics</i> , 2009, 42, 1384-1389.	2.1	97
6	Expanding the 3-O-Sulfate Proteome—Enhanced Binding of Neuropilin-1 to 3-O-Sulfated Heparan Sulfate Modulates Its Activity. <i>ACS Chemical Biology</i> , 2016, 11, 971-980.	3.4	57
7	Passive mechanical properties and related proteins change with botulinum neurotoxin A injection of normal skeletal muscle. <i>Journal of Orthopaedic Research</i> , 2012, 30, 497-502.	2.3	44
8	Inhibitory Peptides of the Sulfotransferase Domain of the Heparan Sulfate Enzyme, N-Deacetylase-N-sulfotransferase-1. <i>Journal of Biological Chemistry</i> , 2011, 286, 5338-5346.	3.4	27
9	Regional Myosin Heavy Chain Distribution in Selected Paraspinal Muscles. <i>Spine</i> , 2010, 35, 1265-1270.	2.0	19
10	Guanidinylated Neomycin Conjugation Enhances Intranasal Enzyme Replacement in the Brain. <i>Molecular Therapy</i> , 2017, 25, 2743-2752.	8.2	10
11	Multiplex genome editing of mammalian cells for producing recombinant heparin. <i>Metabolic Engineering</i> , 2022, 70, 155-165.	7.0	5
12	Metabolic engineering of mammalian cells to produce heparan sulfates. <i>Emerging Topics in Life Sciences</i> , 2018, 2, 443-452.	2.6	4
13	Biologically Derived Neoproteoglycans for Profiling Protein–Glycosaminoglycan Interactions. <i>ACS Chemical Biology</i> , 2022, 17, 1534-1542.	3.4	2
14	Impaired mitophagy in Sanfilippo a mice causes hypertriglyceridemia and brown adipose tissue activation. <i>Journal of Biological Chemistry</i> , 2022, 298, 102159.	3.4	2