

Xinheng Yu

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

633
citations

1040056

9
h-index

1281871

11
g-index

16
all docs

16
docs citations

16
times ranked

1235
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Inhibition of SARS-CoV-2 viral entry upon blocking N- and O-glycan elaboration. <i>ELife</i> , 2020, 9, . | 6.0 | 165 |
| 2 | Chemicals to enhance microalgal growth and accumulation of high-value bioproducts. <i>Frontiers in Microbiology</i> , 2015, 6, 56. | 3.5 | 119 |
| 3 | Metabolomic and network analysis of astaxanthin-producing <i>Haematococcus pluvialis</i> under various stress conditions. <i>Bioresource Technology</i> , 2014, 170, 522-529. | 9.6 | 90 |
| 4 | Disruption of C1galt1 Gene Promotes Development and Metastasis of Pancreatic Adenocarcinomas in Mice. <i>Gastroenterology</i> , 2018, 155, 1608-1624. | 1.3 | 59 |
| 5 | 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 |
| 6 | Identification and mechanism analysis of chemical modulators enhancing astaxanthin accumulation in <i>Haematococcus pluvialis</i> . <i>Algal Research</i> , 2015, 11, 284-293. | 4.6 | 44 |
| 7 | Microclot array elastometry for integrated measurement of thrombus formation and clot biomechanics under fluid shear. <i>Nature Communications</i> , 2019, 10, 2051. | 12.8 | 44 |
| 8 | Thioglycosides Are Efficient Metabolic Decoys of Glycosylation that Reduce Selectin Dependent Leukocyte Adhesion. <i>Cell Chemical Biology</i> , 2018, 25, 1519-1532.e5. | 5.2 | 27 |
| 9 | Efficient inhibition of O-glycan biosynthesis using the hexosamine analog Ac5GalNTGc. <i>Cell Chemical Biology</i> , 2021, 28, 699-710.e5. | 5.2 | 11 |
| 10 | DrawGlycan-SNFG and gpAnnotate: rendering glycans and annotating glycopeptide mass spectra. <i>Bioinformatics</i> , 2020, 36, 1942-1943. | 4.1 | 10 |
| 11 | Abstract 5801: Loss of core 1 β 1,3-galactosyltransferase (C1GALT1) in pancreatic cancer leads to altered mucin glycosylation and increased tumor aggressiveness. , 2017, , . | | 0 |