Oliver M T Pearce

List of Publications by Year
in descending order

26 papers	1,888 citations	516710 16 h-index	610901 24 g-index
26 all docs	26 docs citations	26 times ranked	3357 citing authors

#	Article	IF	Citations
1	Building in vitro 3D human multicellular models of high-grade serous ovarian cancer. STAR Protocols, 2022, 3, 101086.	1.2	6
2	Multi-Scale Analysis of the Composition, Structure, and Function of Decellularized Extracellular Matrix for Human Skin and Wound Healing Models. Biomolecules, 2022, 12, 837.	4.0	9
3	A human multi-cellular model shows how platelets drive production of diseased extracellular matrix and tissue invasion. IScience, 2021, 24, 102676.	4.1	28
4	Modelling TGFÎ²R and Hh pathway regulation of prognostic matrisome molecules in ovarian cancer. IScience, 2021, 24, 102674.	4.1	16
5	A Sweet Approach to Heat Up Cancer Response to Immunotherapy. Cancer Discovery, 2020, 10, 1789-1790.	9.4	2
6	Cancer glycan epitopes: biosynthesis, structure and function. Glycobiology, 2018, 28, 670-696.	2.5	55
7	Deconstruction of a Metastatic Tumor Microenvironment Reveals a Common Matrix Response in Human Cancers. Cancer Discovery, 2018, 8, 304-319.	9.4	255
8	Cancer Immunotherapy. Glycobiology, 2018, 28, 638-639.	2.5	5
9	N -glycolyl groups of nonhuman chondroitin sulfates survive in ancient fossils. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8155-E8164.	7.1	22
10	Characterization of the Extracellular Matrix of Normal and Diseased Tissues Using Proteomics. Journal of Proteome Research, 2017, 16, 3083-3091.	3.7	183
11	Sialic acids in cancer biology and immunity. Glycobiology, 2016, 26, 111-128.	2.5	364
12	Rapid Trimming of Cell Surface Polysialic Acid (PolySia) by Exovesicular Sialidase Triggers Release of Preexisting Surface Neurotrophin. Journal of Biological Chemistry, 2015, 290, 13202-13214.	3.4	80
13	A red meat-derived glycan promotes inflammation and cancer progression. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 542-547.	7.1	327
14	Reply to Mackenzie: A comparison of Neu5Gc and Î±-gal xenoantigens. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E1405.	7.1	2
15	Siglec receptors impact mammalian lifespan by modulating oxidative stress. ELife, 2015, 4, .	6.0	56
16	Engagement of myelomonocytic Siglecs by tumor-associated ligands modulates the innate immune response to cancer. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14211-14216.	7.1	186
17	Inverse hormesis of cancer growth mediated by narrow ranges of tumor-directed antibodies. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 5998-6003.	7.1	64
18	Enhanced T Cell Function in a Mouse Model of Human Glycosylation. Journal of Immunology, 2013, 191, 228-237.	0.8	20

#	Article	IF	Citations
19	Metabolism of Vertebrate Amino Sugars with N-Glycolyl Groups. Journal of Biological Chemistry, 2012, 287, 28917-28931.	3.4	46
20	Metabolism of Vertebrate Amino Sugars with N-Glycolyl Groups. Journal of Biological Chemistry, 2012, 287, 28898-28916.	3.4	37
21	Metabolism of Vertebrate Amino Sugars with N-Glycolyl Groups. Journal of Biological Chemistry, 2012, 287, 28865-28881.	3.4	66
22	Chemo-enzymatic synthesis of the carbohydrate antigen N-glycolylneuraminic acid from glucose. Carbohydrate Research, 2010, 345, 1225-1229.	2.3	17
23	Glycoviruses: Chemical Glycosylation Retargets Adenoviral Gene Transfer. Angewandte Chemie - International Edition, 2005, 44, 1057-1061.	13.8	41
24	Cover Picture: Glycoviruses: Chemical Glycosylation Retargets Adenoviral Gene Transfer (Angew.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	13.8	0
25	Glycoviruses: Chemical Glycosylation Retargets Adenoviral Gene Transfer. Angewandte Chemie, 2005, 117, 1081-1085.	2.0	1
26	Titelbild: Glycoviruses: Chemical Glycosylation Retargets Adenoviral Gene Transfer (Angew. Chem.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.0	0