Malcolm C Moos

List of Publications by Year
in descending order

30	2,197	361045 20	454577 30
papers	citations	h-index	g-index

30	30	30	2237
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A multicenter study benchmarking single-cell RNA sequencing technologies using reference samples. Nature Biotechnology, 2021, 39, 1103-1114.	9.4	69
2	A multi-center cross-platform single-cell RNA sequencing reference dataset. Scientific Data, 2021, 8, 39.	2.4	14
3	Toward best practice in cancer mutation detection with whole-genome and whole-exome sequencing. Nature Biotechnology, 2021, 39, 1141-1150.	9.4	66
4	Establishing community reference samples, data and call sets for benchmarking cancer mutation detection using whole-genome sequencing. Nature Biotechnology, 2021, 39, 1151-1160.	9.4	39
5	Variation in primary and culture-expanded cells derived from connective tissue progenitors in human bone marrow space, bone trabecular surface and adipose tissue. Cytotherapy, 2018, 20, 343-360.	0.3	26
6	Limb derived cells as a paradigm for engineering selfâ€assembling skeletal tissues. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, 794-807.	1.3	8
7	SMOC can act as both an antagonist and an expander of BMP signaling. ELife, 2017, 6, .	2.8	27
8	SMOC Binds to Pro-EGF, but Does Not Induce Erk Phosphorylation via the EGFR. PLoS ONE, 2016, 11, e0154294.	1.1	4
9	FDA Oversight of Cell Therapy Clinical Trials. Science Translational Medicine, 2012, 4, 149fs31.	5.8	28
10	A Homolog of Subtilisin-Like Proprotein Convertase 7 Is Essential to Anterior Neural Development in Xenopus. PLoS ONE, 2012, 7, e39380.	1.1	11
11	Xenopus SMOC-1 Inhibits Bone Morphogenetic Protein Signaling Downstream of Receptor Binding and Is Essential for Postgastrulation Development in Xenopus. Journal of Biological Chemistry, 2009, 284, 18994-19005.	1.6	40
12	Developmental Engineering: A New Paradigm for the Design and Manufacturing of Cell-Based Products. Part I: From Three-Dimensional Cell Growth to Biomimetics ofIn VivoDevelopment. Tissue Engineering - Part B: Reviews, 2009, 15, 381-394.	2.5	189
13	Developmental Engineering: A New Paradigm for the Design and Manufacturing of Cell-Based Products. Part II. From Genes to Networks: Tissue Engineering from the Viewpoint of Systems Biology and Network Science. Tissue Engineering - Part B: Reviews, 2009, 15, 395-422.	2.5	103
14	Establishment of retroviral pseudotypes with influenza hemagglutinins from H1, H3, and H5 subtypes for sensitive and specific detection of neutralizing antibodies. Journal of Virological Methods, 2008, 153, 111-119.	1.0	94
15	Stem-cell-derived products: an FDA update. Trends in Pharmacological Sciences, 2008, 29, 591-593.	4.0	12
16	Vg1 has specific processing requirements that restrict its action to body axis patterning centers. Developmental Biology, 2007, 310, 129-139.	0.9	2
17	CDMP1/GDF5 Has Specific Processing Requirements That Restrict Its Action to Joint Surfaces. Journal of Biological Chemistry, 2006, 281, 26725-26733.	1.6	18
18	The cysteine-rich frizzled domain of Frzb-1 is required and sufficient for modulation of Wnt signaling. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 11196-11200.	3.3	219

#	Article	IF	Citations
19	Frzb-1, an Antagonist of Wnt-1 and Wnt-8, Does Not Block Signaling by Wnts -3A, -5A, or -11. Biochemical and Biophysical Research Communications, 1997, 236, 502-504.	1.0	104
20	Frzb, a Secreted Protein Expressed in the Spemann Organizer, Binds and Inhibits Wnt-8. Cell, 1997, 88, 757-766.	13.5	474
21	A novel Xenopus homologue of bone morphogenetic proteinâ€7 (BMPâ€7). Genes and Function, 1997, 1, 259-271.	2.8	26
22	Primary Structure and Tissue Distribution of FRZB, a Novel Protein Related to Drosophila Frizzled, Suggest a Role in Skeletal Morphogenesis. Journal of Biological Chemistry, 1996, 271, 26131-26137.	1.6	215
23	Purification of Bovine Brain Adenylyl Cyclase with a Novel Derivative of Forskolin: Evidence for a High Specific Activity form of the Enzyme. Preparative Biochemistry and Biotechnology, 1996, 26, 155-167.	1.0	1
24	Characterization of apple 18 and 31 kd allergens by microsequencing and evaluation of their content during storage and ripening. Journal of Allergy and Clinical Immunology, 1995, 96, 960-970.	1.5	140
25	Interaction of hepatic microsomal epoxide hydrolase derived from a recombinant baculovirus expression system with an azarene oxide and an aziridine substrate analog. Biochemistry, 1993, 32, 2610-2616.	1.2	30
26	A 127 kDa component of a UV-damaged DNA-binding complex, which is defective in some xeroderma pigmentosum group E patients, is homologous to a slime mold protein. Nucleic Acids Research, 1993, 21, 4111-4118.	6.5	105
27	[3] Preparation of Î±-32P-Labeled nucleoside triphosphates, nicotinamide adenine dinucleotide, and cyclic nucleotides for use in determining adenylyl and guanylyl cyclases and cyclic nucleotide phosphodiesterase. Methods in Enzymology, 1991, 195, 29-44.	0.4	20
28	Immunoprecipitation of adenylate cyclase with an antibody to a carboxyl-terminal peptide from Gs.alpha.. Biochemistry, 1990, 29, 9079-9084.	1.2	20
29	Investigation of the Bacillus cereus phosphonoacetaldehyde hydrolase. Evidence for a Schiff base mechanism and sequence analysis of an active-site peptide containing the catalytic lysine residue. Biochemistry, 1988, 27, 2229-2234.	1.2	48
30	Separation of 5â€²-ribonucleoside monophosphates by ion-pair reverse-phase high-performance liquid chromatography. Analytical Biochemistry, 1980, 107, 240-245.	1.1	45