

# Malcolm C Moos

## List of Publications by Year in descending order

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30  
papers

2,197  
citations

361045

20  
h-index

454577

30  
g-index

30  
all docs

30  
docs citations

30  
times ranked

2237  
citing authors

#	ARTICLE	IF	CITATIONS
1	Frzb, a Secreted Protein Expressed in the Spemann Organizer, Binds and Inhibits Wnt-8. <i>Cell</i> , 1997, 88, 757-766.	13.5	474
2	The cysteine-rich frizzled domain of Frzb-1 is required and sufficient for modulation of Wnt signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 11196-11200.	3.3	219
3	Primary Structure and Tissue Distribution of FRZB, a Novel Protein Related to Drosophila Frizzled, Suggest a Role in Skeletal Morphogenesis. <i>Journal of Biological Chemistry</i> , 1996, 271, 26131-26137.	1.6	215
4	Developmental Engineering: A New Paradigm for the Design and Manufacturing of Cell-Based Products. Part I: From Three-Dimensional Cell Growth to Biomimetics of <i>In Vivo</i> Development. <i>Tissue Engineering - Part B: Reviews</i> , 2009, 15, 381-394.	2.5	189
5	Characterization of apple 18 and 31 kd allergens by microsequencing and evaluation of their content during storage and ripening. <i>Journal of Allergy and Clinical Immunology</i> , 1995, 96, 960-970.	1.5	140
6	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. <i>Nucleic Acids Research</i> , 1993, 21, 4111-4118.	6.5	105
7	Frzb-1, an Antagonist of Wnt-1 and Wnt-8, Does Not Block Signaling by Wnts -3A, -5A, or -11. <i>Biochemical and Biophysical Research Communications</i> , 1997, 236, 502-504.	1.0	104
8	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. <i>Tissue Engineering - Part B: Reviews</i> , 2009, 15, 395-422.	2.5	103
9	Establishment of retroviral pseudotypes with influenza hemagglutinins from H1, H3, and H5 subtypes for sensitive and specific detection of neutralizing antibodies. <i>Journal of Virological Methods</i> , 2008, 153, 111-119.	1.0	94
10	A multicenter study benchmarking single-cell RNA sequencing technologies using reference samples. <i>Nature Biotechnology</i> , 2021, 39, 1103-1114.	9.4	69
11	Toward best practice in cancer mutation detection with whole-genome and whole-exome sequencing. <i>Nature Biotechnology</i> , 2021, 39, 1141-1150.	9.4	66
12	Investigation of the <i>Bacillus cereus</i> phosphonoacetaldehyde hydrolase. Evidence for a Schiff base mechanism and sequence analysis of an active-site peptide containing the catalytic lysine residue. <i>Biochemistry</i> , 1988, 27, 2229-2234.	1.2	48
13	Separation of $^{32}$ P-ribonucleoside monophosphates by ion-pair reverse-phase high-performance liquid chromatography. <i>Analytical Biochemistry</i> , 1980, 107, 240-245.	1.1	45
14	Xenopus SMOC-1 Inhibits Bone Morphogenetic Protein Signaling Downstream of Receptor Binding and Is Essential for Postgastrulation Development in Xenopus. <i>Journal of Biological Chemistry</i> , 2009, 284, 18994-19005.	1.6	40
15	Establishing community reference samples, data and call sets for benchmarking cancer mutation detection using whole-genome sequencing. <i>Nature Biotechnology</i> , 2021, 39, 1151-1160.	9.4	39
16	Interaction of hepatic microsomal epoxide hydrolase derived from a recombinant baculovirus expression system with an azarene oxide and an aziridine substrate analog. <i>Biochemistry</i> , 1993, 32, 2610-2616.	1.2	30
17	FDA Oversight of Cell Therapy Clinical Trials. <i>Science Translational Medicine</i> , 2012, 4, 149fs31.	5.8	28
18	SMOC can act as both an antagonist and an expander of BMP signaling. <i>ELife</i> , 2017, 6, .	2.8	27

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19	A novel <i>Xenopus</i> homologue of bone morphogenetic protein-7 (BMP-7). <i>Genes and Function</i> , 1997, 1, 259-271.	2.8	26
20	Variation in primary and culture-expanded cells derived from connective tissue progenitors in human bone marrow space, bone trabecular surface and adipose tissue. <i>Cytotherapy</i> , 2018, 20, 343-360.	0.3	26
21	Immunoprecipitation of adenylate cyclase with an antibody to a carboxyl-terminal peptide from <i>Gs.alpha.</i> . <i>Biochemistry</i> , 1990, 29, 9079-9084.	1.2	20
22	[3] Preparation of $\pm$ - <sup>32</sup> P-Labeled nucleoside triphosphates, nicotinamide adenine dinucleotide, and cyclic nucleotides for use in determining adenyl and guanylyl cyclases and cyclic nucleotide phosphodiesterase. <i>Methods in Enzymology</i> , 1991, 195, 29-44.	0.4	20
23	CDMP1/GDF5 Has Specific Processing Requirements That Restrict Its Action to Joint Surfaces. <i>Journal of Biological Chemistry</i> , 2006, 281, 26725-26733.	1.6	18
24	A multi-center cross-platform single-cell RNA sequencing reference dataset. <i>Scientific Data</i> , 2021, 8, 39.	2.4	14
25	Stem-cell-derived products: an FDA update. <i>Trends in Pharmacological Sciences</i> , 2008, 29, 591-593.	4.0	12
26	A Homolog of Subtilisin-Like Proprotein Convertase 7 Is Essential to Anterior Neural Development in <i>Xenopus</i> . <i>PLoS ONE</i> , 2012, 7, e39380.	1.1	11
27	Limb derived cells as a paradigm for engineering self-assembling skeletal tissues. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 794-807.	1.3	8
28	SMOC Binds to Pro-EGF, but Does Not Induce Erk Phosphorylation via the EGFR. <i>PLoS ONE</i> , 2016, 11, e0154294.	1.1	4
29	Vg1 has specific processing requirements that restrict its action to body axis patterning centers. <i>Developmental Biology</i> , 2007, 310, 129-139.	0.9	2
30	Purification of Bovine Brain Adenylyl Cyclase with a Novel Derivative of Forskolin: Evidence for a High Specific Activity form of the Enzyme. <i>Preparative Biochemistry and Biotechnology</i> , 1996, 26, 155-167.	1.0	1