

Kevin Howland

List of Publications by Year in descending order

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17
papers

1,117
citations

623574

14
h-index

887953

17
g-index

17
all docs

17
docs citations

17
times ranked

903
citing authors

#	ARTICLE	IF	CITATIONS
1	Amylin found in amyloid deposits in human type 2 diabetes mellitus may be a hormone that regulates glycogen metabolism in skeletal muscle.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 7763-7766.	3.3	350
2	Structural model of HLA-DR1 restricted T cell antigen recognition. Cell, 1988, 52, 515-523.	13.5	188
3	Degenerate binding of immunogenic peptides to HLA-DR proteins on B cell Srfaces. International Immunology, 1990, 2, 443-451.	1.8	115
4	Class I MHC molecules rather than other mouse genes dictate influenza epitope recognition by cytotoxic T cells. Immunogenetics, 1987, 26, 267-272.	1.2	109
5	Structural analysis of a peptide-HLA class II complex: identification of critical interactions for its formation and recognition by T cell receptor. International Immunology, 1989, 1, 479-486.	1.8	76
6	Solid-Phase Synthesis of Peptide Radiopharmaceuticals Using Fmoc-N ^ε -(Hynic-Boc)-Lysine, a Technetium-Binding Amino Acid: Application to Tc-99m-Labeled Salmon Calcitonin. Journal of Medicinal Chemistry, 2003, 46, 1751-1757.	2.9	59
7	An investigation of C-S bond activation in transition metal crown thioether complexes using extended Hückel theory and electrospray mass spectrometry. Journal of the Chemical Society Dalton Transactions, 1999, , 3759-3766.	1.1	38
8	Peptides recognized by class I restricted T cells also bind to MHC class II molecules. International Immunology, 1990, 2, 435-441.	1.8	29
9	The effect of caffeine on cognitive performance is influenced by CYP1A2 but not ADORA2A genotype, yet neither genotype affects exercise performance in healthy adults. European Journal of Applied Physiology, 2020, 120, 1495-1508.	1.2	28
10	Residual on column host cell protein analysis during lifetime studies of protein A chromatography. Journal of Chromatography A, 2016, 1461, 70-77.	1.8	25
11	A Novel HPLC Method for the Concurrent Analysis and Quantitation of Seven Water-Soluble Vitamins in Biological Fluids (Plasma and Urine): A Validation Study and Application. Scientific World Journal, The, 2012, 2012, 1-8.	0.8	23
12	Analysis of a Retan Agent Used in the Tanning Process and Its Determination in Tannery Wastewater. Analytical Chemistry, 2003, 75, 1285-1293.	3.2	20
13	[Re(CO) ₃] ⁺ labelling of a novel cysteine/hexahistidine tag: Insights into binding mode by liquid chromatography-mass spectrometry. Journal of Inorganic Biochemistry, 2012, 114, 24-27.	1.5	20
14	Stimulation of specific binding of [³ H]-progesterone to bovine luteal cell-surface membranes: specificity of digitonin. Molecular and Cellular Endocrinology, 1999, 153, 57-69.	1.6	19
15	Optimal His-Tag Design for Efficient [^{99m} Tc(CO) ₃] ⁺ and [¹⁸⁸ Re(CO) ₃] ⁺ Labeling of Proteins for Molecular Imaging and Radionuclide Therapy by Analysis of Peptide Arrays. Bioconjugate Chemistry, 2021, 32, 1242-1254.	1.8	7
16	Formation of a solubilized cobalt block oligomer from a M2L-type double helicate. Dalton Transactions, 2006, , 4722-4729.	1.6	6
17	The Application of Ionic Nanoparticles in the Conservation of Archaeological Wood. Macromolecular Symposia, 2014, 337, 74-79.	0.4	5