

# Kevin Howland

## List of Publications by Year in descending order

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Version: 2024-02-01

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