Kevin A Kovalchik

List of Publications by Year
in descending order

12	234	1162889 8	1199470 12
papers	citations	h-index	g-index

13	13	13	371
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Human Immunopeptidome Project: A Roadmap to Predict and Treat Immune Diseases. Molecular and Cellular Proteomics, 2020, 19, 31-49.	2.5	65
2	Standard method design considerations for semi-quantification of total naphthenic acids in oil sands process affected water by mass spectrometry: A review. Frontiers of Chemical Science and Engineering, 2017, 11, 497-507.	2.3	32
3	Specific Binding Constant and Stoichiometry Determination in Free Solution by Mass Spectrometry and Capillary Electrophoresis Frontal Analysis. Analytical Chemistry, 2017, 89, 9483-9490.	3.2	25
4	The mutational landscape of SARS-CoV-2 variants diversifies TÂcell targets in an HLA-supertype-dependent manner. Cell Systems, 2022, 13, 143-157.e3.	2.9	22
5	RawTools: Rapid and Dynamic Interrogation of Orbitrap Data Files for Mass Spectrometer System Management. Journal of Proteome Research, 2019, 18, 700-708.	1.8	20
6	Understanding the constitutive presentation of MHC class I immunopeptidomes in primary tissues. IScience, 2022, 25, 103768.	1.9	16
7	Mechanisms to Explain the Elemental Composition of the Initial Aragonite Shell of Larval Oysters. Geochemistry, Geophysics, Geosystems, 2018, 19, 1064-1079.	1.0	14
8	Mobilityâ€based correction for accurate determination of binding constants by capillary electrophoresisâ€frontal analysis. Electrophoresis, 2017, 38, 1572-1581.	1.3	11
9	Parsing and Quantification of Raw Orbitrap Mass Spectrometer Data Using RawQuant. Journal of Proteome Research, 2018, 17, 2237-2247.	1.8	10
10	MhcVizPipe: A Quality Control Software for Rapid Assessment of Small- to Large-Scale Immunopeptidome Datasets. Molecular and Cellular Proteomics, 2022, 21, 100178.	2.5	9
11	Potential of capillary electrophoresis mass spectrometry for the characterization and monitoring of amine-derivatized naphthenic acids from oil sands process-affected water. Journal of Environmental Sciences, 2016, 49, 203-212.	3.2	8
12	Characterization of dicarboxylic naphthenic acid fraction compounds utilizing amide derivatization: Proof of concept. Rapid Communications in Mass Spectrometry, 2017, 31, 2057-2065.	0.7	2