

# Kevin A Kovalchik

## List of Publications by Year in Descending Order

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**Version:** 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

12  
papers

119  
citations

6  
h-index

10  
g-index

13  
ext. papers

180  
ext. citations

5.8  
avg, IF

2.6  
L-index

#	Paper	IF	Citations
12	Understanding the constitutive presentation of MHC class I immunopeptidomes in primary tissues.. <i>IScience</i> , <b>2022</b> , 25, 103768	6.1	2
11	MhcVizPipe: A Quality Control Software for Rapid Assessment of Small- to Large-Scale Immunopeptidome Data Sets. <i>Molecular and Cellular Proteomics</i> , <b>2021</b> , 100178	7.6	0
10	The mutational landscape of SARS-CoV-2 variants diversifies T cell targets in an HLA-supertype-dependent manner. <i>Cell Systems</i> , <b>2021</b> ,	10.6	6
9	The Human Immunopeptidome Project: A Roadmap to Predict and Treat Immune Diseases. <i>Molecular and Cellular Proteomics</i> , <b>2020</b> , 19, 31-49	7.6	33
8	RawTools: Rapid and Dynamic Interrogation of Orbitrap Data Files for Mass Spectrometer System Management. <i>Journal of Proteome Research</i> , <b>2019</b> , 18, 700-708	5.6	11
7	Parsing and Quantification of Raw Orbitrap Mass Spectrometer Data Using RawQuant. <i>Journal of Proteome Research</i> , <b>2018</b> , 17, 2237-2247	5.6	6
6	Mechanisms to Explain the Elemental Composition of the Initial Aragonite Shell of Larval Oysters. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2018</b> , 19, 1064-1079	3.6	6
5	Mobility-based correction for accurate determination of binding constants by capillary electrophoresis-frontal analysis. <i>Electrophoresis</i> , <b>2017</b> , 38, 1572-1581	3.6	7
4	Characterization of dicarboxylic naphthenic acid fraction compounds utilizing amide derivatization: Proof of concept. <i>Rapid Communications in Mass Spectrometry</i> , <b>2017</b> , 31, 2057-2065	2.2	1
3	Standard method design considerations for semi-quantification of total naphthenic acids in oil sands process affected water by mass spectrometry: A review. <i>Frontiers of Chemical Science and Engineering</i> , <b>2017</b> , 11, 497-507	4.5	22
2	Specific Binding Constant and Stoichiometry Determination in Free Solution by Mass Spectrometry and Capillary Electrophoresis Frontal Analysis. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 9483-9490	7.8	20
1	Potential of capillary electrophoresis mass spectrometry for the characterization and monitoring of amine-derivatized naphthenic acids from oil sands process-affected water. <i>Journal of Environmental Sciences</i> , <b>2016</b> , 49, 203-212	6.4	5