

Cornelia Koy

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

196
citations

1163117

8
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

228
citing authors

#	ARTICLE	IF	CITATIONS
1	Mass spectrometric epitope mapping. <i>Mass Spectrometry Reviews</i> , 2018, 37, 229-241.	5.4	76
2	Clonality characterization of natural epitope-specific antibodies against the tumor-related antigen topoisomerase IIa by peptide chip and proteome analysis: a pilot study with colorectal carcinoma patient samples. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 227-238.	3.7	20
3	Mass spectrometric profiling of cord blood serum proteomes to distinguish infants with intrauterine growth restriction from those who are small for gestational age and from control individuals. <i>Translational Research</i> , 2014, 164, 57-69.	5.0	19
4	Intact Transition Epitope Mapping – Targeted High-Energy Rupture of Extracted Epitopes (ITEM-THREE)*. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 1543-1555.	3.8	19
5	Apparent activation energies of protein-protein complex dissociation in the gas-phase determined by electrospray mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 6549-6558.	3.7	15
6	Intact Transition Epitope Mapping - Thermodynamic Weak-force Order (ITEM - TWO). <i>Journal of Proteomics</i> , 2020, 212, 103572.	2.4	12
7	Mass Spectrometric Analysis of Antibody-Epitope Peptide Complex Dissociation: Theoretical Concept and Practical Procedure of Binding Strength Characterization. <i>Molecules</i> , 2020, 25, 4776.	3.8	9
8	Mass spectrometric characterization of protein structures and protein complexes in condensed and gas phase. <i>European Journal of Mass Spectrometry</i> , 2017, 23, 445-459.	1.0	8
9	Co-Oligomers of Renewable and α -Nert-2-MeTHF and Propylene Oxide for Use in Bio-Based Adhesives. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 13467-13480.	6.7	6
10	ITEM-THREE analysis of a monoclonal anti-malaria antibody reveals its assembled epitope on the pfMSP119 antigen. <i>Journal of Biological Chemistry</i> , 2020, 295, 14987-14997.	3.4	6
11	Mass Spectrometric and Bio-Computational Binding Strength Analysis of Multiply Charged RNase S Gas-Phase Complexes Obtained by Electrospray Ionization from Varying In-Solution Equilibrium Conditions. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10183.	4.1	5
12	Profiling of intact blood proteins by matrix-assisted laser desorption/ionization mass spectrometry without the need for freezing – Dried serum spots as future clinical tools for patient screening. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9121.	1.5	1