

Chang Ho Sohn

List of Publications by Year in descending order

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9
papers

541
citations

1163117

8
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

1109
citing authors

#	ARTICLE	IF	CITATIONS
1	Detecting protein and post-translational modifications in single cells with iDentification and qUantification sEparaTion (DUET). <i>Communications Biology</i> , 2020, 3, 420.	4.4	3
2	Multiscale 3D phenotyping of human cerebral organoids. <i>Scientific Reports</i> , 2020, 10, 21487.	3.3	46
3	Elasticizing tissues for reversible shape transformation and accelerated molecular labeling. <i>Nature Methods</i> , 2020, 17, 609-613.	19.0	49
4	Protection of tissue physicochemical properties using polyfunctional crosslinkers. <i>Nature Biotechnology</i> , 2019, 37, 73-83.	17.5	262
5	Investigation of the mechanism of electron capture and electron transfer dissociation of peptides with a covalently attached free radical hydrogen atom scavenger. <i>International Journal of Mass Spectrometry</i> , 2015, 390, 49-55.	1.5	11
6	Mechanisms and energetics of free radical initiated disulfide bond cleavage in model peptides and insulin by mass spectrometry. <i>Chemical Science</i> , 2015, 6, 4550-4560.	7.4	30
7	Click Chemistry Facilitates Formation of Reporter Ions and Simplified Synthesis of Amine-Reactive Multiplexed Isobaric Tags for Protein Quantification. <i>Journal of the American Chemical Society</i> , 2012, 134, 2672-2680.	13.7	30
8	Designer Reagents for Mass Spectrometry-Based Proteomics: Clickable Cross-Linkers for Elucidation of Protein Structures and Interactions. <i>Analytical Chemistry</i> , 2012, 84, 2662-2669.	6.5	41
9	Probing the Mechanism of Electron Capture and Electron Transfer Dissociation Using Tags with Variable Electron Affinity. <i>Journal of the American Chemical Society</i> , 2009, 131, 5444-5459.	13.7	69