

Yongwon Jung

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

488
citations

933447

10
h-index

677142

22
g-index

30
all docs

30
docs citations

30
times ranked

931
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-temperature Hybridization for Microarray Detection of Label-free MicroRNAs with Attomole Detection and Superior Specificity. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 12487-12490.	13.8	106
2	Green fluorescent protein nanopolygons as monodisperse supramolecular assemblies of functional proteins with defined valency. <i>Nature Communications</i> , 2015, 6, 7134.	12.8	62
3	Four-fold Channel-nicked Human Ferritin Nanocages for Active Drug Loading and pH-responsive Drug Release. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2909-2913.	13.8	62
4	Behavior control of membrane-less protein liquid condensates with metal ion-induced phase separation. <i>Nature Communications</i> , 2020, 11, 5554.	12.8	35
5	A novel copper-chelating strategy for fluorescent proteins to image dynamic copper fluctuations on live cell surfaces. <i>Chemical Science</i> , 2015, 6, 1301-1307.	7.4	27
6	A Rhizavidin Monomer with Nearly Multimeric Avidin-like Binding Stability Against Biotin Conjugates. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3393-3397.	13.8	25
7	High-level production of heme-containing holoproteins in <i>Escherichia coli</i> . <i>Applied Microbiology and Biotechnology</i> , 2001, 55, 187-191.	3.6	22
8	Interplay between intrinsically disordered proteins inside membraneless protein liquid droplets. <i>Chemical Science</i> , 2020, 11, 1269-1275.	7.4	22
9	Client proximity enhancement inside cellular membrane-less compartments governed by client-compartment interactions. <i>Nature Communications</i> , 2020, 11, 5642.	12.8	19
10	Determinants for intrinsically disordered protein recruitment into phase-separated protein condensates. <i>Chemical Science</i> , 2022, 13, 522-530.	7.4	14
11	Homo-molecular Fluorescence Complementation for Direct Visualization of Receptor Oligomerization in Living Cells. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2045-2049.	13.8	11
12	Applying Multivalent Biomolecular Interactions for Biosensors. <i>Chemistry - A European Journal</i> , 2018, 24, 19103-19109.	3.3	10
13	Artificial supramolecular protein assemblies as functional high-order protein scaffolds. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 5352-5356.	2.8	9
14	Fabrication of rigidity and space variable protein oligomers with two peptide linkers. <i>Chemical Science</i> , 2019, 10, 10428-10435.	7.4	9
15	A Rhizavidin Monomer with Nearly Multimeric Avidin-like Binding Stability Against Biotin Conjugates. <i>Angewandte Chemie</i> , 2016, 128, 3454-3458.	2.0	8
16	A Multivalent Structure-specific RNA Binder with Extremely Stable Target Binding but Reduced Interaction with Nonspecific RNAs. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15998-16002.	13.8	8
17	Four-fold Channel-nicked Human Ferritin Nanocages for Active Drug Loading and pH-responsive Drug Release. <i>Angewandte Chemie</i> , 2018, 130, 2959-2963.	2.0	7
18	Monomeric Covalent Avidin for Rapid and Covalent Labeling of Quantum Dots to Cell Surface Proteins. <i>Advanced Biology</i> , 2019, 3, e1800288.	3.0	6

#	ARTICLE	IF	CITATIONS
19	Ligation-free isothermal nucleic acid amplification. <i>Biosensors and Bioelectronics</i> , 2022, 209, 114256.	10.1	5
20	Fabrication of Oligomeric Avidin Scaffolds for Valencyâ€Controlled Surface Display of Functional Ligands. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12410-12414.	13.8	4
21	Multivalentâ€Interactionâ€Driven Assembly of Discrete, Flexible, and Asymmetric Supramolecular Protein Nanoâ€Prisms. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23244-23251.	13.8	3
22	A Multivalent Structureâ€Specific RNA Binder with Extremely Stable Target Binding but Reduced Interaction with Nonspecific RNAs. <i>Angewandte Chemie</i> , 2017, 129, 16214-16218.	2.0	2
23	Homoâ€molecular Fluorescence Complementation for Direct Visualization of Receptor Oligomerization in Living Cells. <i>Angewandte Chemie</i> , 2019, 131, 2067-2071.	2.0	1
24	Artificial protein assemblies with well-defined supramolecular protein nanostructures. <i>Biochemical Society Transactions</i> , 2021, , .	3.4	1
25	Valence-controlled protein conjugation on nanoparticles <i>via</i> re-arrangeable multivalent interactions of tandem repeat protein chains. <i>Chemical Science</i> , 2022, 13, 7552-7559.	7.4	1
26	Frontispiece: Applying Multivalent Biomolecular Interactions for Biosensors. <i>Chemistry - A European Journal</i> , 2018, 24, .	3.3	0
27	Fabrication of Oligomeric Avidin Scaffolds for Valencyâ€Controlled Surface Display of Functional Ligands. <i>Angewandte Chemie</i> , 2018, 130, 12590-12594.	2.0	0
28	Multivalentâ€Interactionâ€Driven Assembly of Discrete, Flexible, and Asymmetric Supramolecular Protein Nanoâ€Prisms. <i>Angewandte Chemie</i> , 2020, 132, 23444-23451.	2.0	0
29	Active drug loading and release behaviors of fourfold channel floppedâ€ferritin variants. <i>Bulletin of the Korean Chemical Society</i> , 0, , .	1.9	0