

# Jumi A Shin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2365339/publications.pdf>

Version: 2024-02-01

19  
papers

262  
citations

933447

10  
h-index

940533

16  
g-index

21  
all docs

21  
docs citations

21  
times ranked

375  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Ligand Density and Size in Mediating Quantum Dot Nuclear Transport. <i>Small</i> , 2014, 10, 4182-4192.	10.0	35
2	Sequence-specific recognition of DNA by hydrophobic, alanine-rich mutants of the basic region/leucine zipper motif investigated by fluorescence anisotropy. <i>Biopolymers</i> , 2002, 65, 10-20.	2.4	32
3	Minimalist, Alanine-Based, Helical Protein Dimers Bind to Specific DNA Sites. <i>Journal of the American Chemical Society</i> , 2000, 122, 5638-5639.	13.7	28
4	Max-E47, a Designed Minimalist Protein That Targets the E-Box DNA Site <i>in Vivo</i> and <i>in Vitro</i> . <i>Journal of the American Chemical Society</i> , 2009, 131, 7839-7848.	13.7	19
5	Boundaries of the Origin of Replication: Creation of a pET-28a-Derived Vector with p15A Copy Control Allowing Compatible Coexistence with pET Vectors. <i>PLoS ONE</i> , 2012, 7, e47259.	2.5	18
6	The GCN4 bZIP Targets Noncognate Gene Regulatory Sequences: A Quantitative Investigation of Binding at Full and Half Sites. <i>Biochemistry</i> , 2007, 46, 1663-1671.	2.5	17
7	Design of a single plasmid-based modified yeast one-hybrid system for investigation of <i>in vivo</i> protein-protein and protein-DNA interactions. <i>BioTechniques</i> , 2008, 45, 295-304.	1.8	14
8	Peptide therapeutics that directly target transcription factors. <i>Peptide Science</i> , 2019, 111, e24048.	1.8	14
9	Phage-Assisted Continuous Evolution (PACE): A Guide Focused on Evolving Protein-DNA Interactions. <i>ACS Omega</i> , 2020, 5, 26957-26966.	3.5	13
10	Crystal Structure of the Minimalist Max-E47 Protein Chimera. <i>PLoS ONE</i> , 2012, 7, e32136.	2.5	12
11	Hybrids of the bHLH and bZIP Protein Motifs Display Different DNA-Binding Activities <i>In Vivo</i> vs. <i>In Vitro</i> . <i>PLoS ONE</i> , 2008, 3, e3514.	2.5	11
12	AhR/Arnt:XRE interaction: Turning false negatives into true positives in the modified yeast one-hybrid assay. <i>Analytical Biochemistry</i> , 2008, 382, 101-106.	2.4	8
13	Reengineering natural design by rational design and <i>in vivo</i> library selection: the HLH subdomain in bHLHZ proteins is a unique requirement for DNA-binding function. <i>Protein Engineering, Design and Selection</i> , 2010, 23, 337-346.	2.1	8
14	The DNA target determines the dimerization partner selected by bHLHZ-like hybrid proteins AhRJun and ArntFos. <i>Molecular BioSystems</i> , 2017, 13, 476-488.	2.9	8
15	Combining Rational Design and Continuous Evolution on Minimalist Proteins That Target the E-box DNA Site. <i>ACS Chemical Biology</i> , 2021, 16, 35-44.	3.4	8
16	Guiding principles for a successful multidisciplinary research collaboration. <i>Future Science OA</i> , 2015, 1, FSO7.	1.9	6
17	Forced homodimerization of the c-Fos leucine zipper in designed bHLHZ-like hybrid proteins MaxbHLH-Fos and ArntbHLH-Fos. <i>Molecular BioSystems</i> , 2012, 8, 1286.	2.9	5
18	The Intrinsically Disordered Loop in the USF1 bHLHZ Domain Modulates Its DNA-Binding Sequence Specificity in Hereditary Asthma. <i>Journal of Physical Chemistry B</i> , 2019, 123, 9862-9871.	2.6	4

#	ARTICLE	IF	CITATIONS
19	Minimalist proteins: Design of new molecular recognition scaffolds. Pure and Applied Chemistry, 2004, 76, 1579-1590.	1.9	1