

# Eun Jung Lee

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4430150/publications.pdf>

Version: 2024-02-01

36  
papers

1,469  
citations

331259

21  
h-index

433756

31  
g-index

36  
all docs

36  
docs citations

36  
times ranked

2355  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exosome-SIRP $\alpha$ , a CD47 blockade increases cancer cell phagocytosis. <i>Biomaterials</i> , 2017, 121, 121-129.	5.7	263
2	Bioengineered protein-based nanocage for drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2016, 106, 157-171.	6.6	173
3	A highly sensitive and selective diagnostic assay based on virus nanoparticles. <i>Nature Nanotechnology</i> , 2009, 4, 259-264.	15.6	158
4	Combined Rho-kinase inhibition and immunogenic cell death triggers and propagates immunity against cancer. <i>Nature Communications</i> , 2018, 9, 2165.	5.8	80
5	Biological conversion of methane to methanol through genetic reassembly of native catalytic domains. <i>Nature Catalysis</i> , 2019, 2, 342-353.	16.1	66
6	Proteinticle/Gold Core/Shell Nanoparticles for Targeted Cancer Therapy without Nanotoxicity. <i>Advanced Materials</i> , 2014, 26, 6436-6441.	11.1	59
7	Recent advances in the biological valorization of citrus peel waste into fuels and chemicals. <i>Bioresource Technology</i> , 2021, 323, 124603.	4.8	58
8	Engineered Proteinticles for Targeted Delivery of siRNA to Cancer Cells. <i>Advanced Functional Materials</i> , 2015, 25, 1279-1286.	7.8	55
9	Nanocage $\rightarrow$ Therapeutics Prevailing Phagocytosis and Immunogenic Cell Death Awakens Immunity against Cancer. <i>Advanced Materials</i> , 2018, 30, 1705581.	11.1	55
10	Superparamagnetic Gold Nanoparticles Synthesized on Protein Particle Scaffolds for Cancer Theragnosis. <i>Advanced Materials</i> , 2017, 29, 1701146.	11.1	51
11	Polysaccharide-based Nanoparticles for Gene Delivery. <i>Topics in Current Chemistry</i> , 2017, 375, 31.	3.0	49
12	Designed protein- and peptide-based hydrogels for biomedical sciences. <i>Journal of Materials Chemistry B</i> , 2021, 9, 1919-1940.	2.9	39
13	Ferritin nanocage with intrinsically disordered proteins and affibody: A platform for tumor targeting with extended pharmacokinetics. <i>Journal of Controlled Release</i> , 2017, 267, 172-180.	4.8	38
14	A Novel Bioassay Platform Using Ferritin $\rightarrow$ Based Nanoprobe Hydrogel. <i>Advanced Materials</i> , 2012, 24, 4739-4744.	11.1	33
15	Proteinticle Engineering for Accurate 3D Diagnosis. <i>ACS Nano</i> , 2013, 7, 10879-10886.	7.3	33
16	Enhanced In Vivo Tumor Detection by Active Tumor Cell Targeting Using Multiple Tumor Receptor $\rightarrow$ Binding Peptides Presented on Genetically Engineered Human Ferritin Nanoparticles. <i>Small</i> , 2016, 12, 4241-4253.	5.2	32
17	Self-assembled proteinticle nanostructures for 3-dimensional display of antibodies. <i>Nanoscale</i> , 2014, 6, 14919-14925.	2.8	26
18	Engineered protein nanoparticles for in vivo tumor detection. <i>Biomaterials</i> , 2014, 35, 6422-6429.	5.7	26

#	ARTICLE	IF	CITATIONS
19	Metabolic engineering considerations for the heterologous expression of xylose-catabolic pathways in <i>Saccharomyces cerevisiae</i> . PLoS ONE, 2020, 15, e0236294.	1.1	26
20	Estimation of forest carbon budget from land cover change in South and North Korea between 1981 and 2010. Journal of Plant Biology, 2014, 57, 225-238.	0.9	22
21	Designed trimer-mimetic TNF superfamily ligands on self-assembling nanocages. Biomaterials, 2018, 180, 67-77.	5.7	22
22	Overcoming therapeutic efficiency limitations against TRAIL-resistant tumors using re-sensitizing agent-loaded trimeric TRAIL-presenting nanocages. Journal of Controlled Release, 2021, 331, 7-18.	4.8	16
23	Caspase-cleavable peptide-doxorubicin conjugate in combination with CD47-antagonizing nanocage therapeutics for immune-mediated elimination of colorectal cancer. Biomaterials, 2021, 277, 121105.	5.7	15
24	Design of PD-1-decorated nanocages targeting tumor-draining lymph node for promoting T cell activation. Journal of Controlled Release, 2021, 333, 328-338.	4.8	12
25	Protein-Based Nanoparticle Vaccines for SARS-CoV-2. International Journal of Molecular Sciences, 2021, 22, 13445.	1.8	12
26	Synthetic pro-peptide design to enhance the secretion of heterologous proteins by <i>Saccharomyces cerevisiae</i> . MicrobiologyOpen, 2022, 11, .	1.2	12
27	Recent advances in protein-based nanoparticles. Korean Journal of Chemical Engineering, 2018, 35, 1765-1778.	1.2	11
28	A Multivalent Vaccine Based on Ferritin Nanocage Elicits Potent Protective Immune Responses against SARS-CoV-2 Mutations. International Journal of Molecular Sciences, 2022, 23, 6123.	1.8	9
29	A protein nanofiber hydrogel for sensitive immunoassays. Analyst, The, 2013, 138, 4786.	1.7	8
30	Reversible and multi-cyclic protein-protein interaction in bacterial cellulosome-mimic system using rod-shaped viral nanostructure. Journal of Biotechnology, 2016, 221, 101-106.	1.9	6
31	Nanocages displaying SIRP gamma clusters combined with pro-phagocytic stimulus of phagocytes potentiate anti-tumor immunity. Cancer Gene Therapy, 2021, 28, 960-970.	2.2	4
32	Biomedical Applications: A Novel Bioassay Platform Using Ferritin-Based Nanoprobe Hydrogel (Adv.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 1.1	1.1	0
33	Title is missing!. , 2020, 15, e0236294.		0
34	Title is missing!. , 2020, 15, e0236294.		0
35	Title is missing!. , 2020, 15, e0236294.		0
36	Title is missing!. , 2020, 15, e0236294.		0