

# Kwang-Chul Kwon

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

963  
citations

567281

15  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1160  
citing authors

#	ARTICLE	IF	CITATIONS
1	Expression of Antimicrobial Peptide (AMP), Cecropin B, in a Fused Form to SUMO Tag With or Without Three-Glycine Linker in <i>Escherichia coli</i> and Evaluation of Bacteriolytic Activity of the Purified AMP. <i>Probiotics and Antimicrobial Proteins</i> , 2021, 13, 1780-1789.	3.9	8
2	Affordable oral health care: dental biofilm disruption using chloroplast made enzymes with chewing gum delivery. <i>Plant Biotechnology Journal</i> , 2021, 19, 2113-2125.	8.3	17
3	An evaluation of microalgae as a recombinant protein oral delivery platform for fish using green fluorescent protein (GFP). <i>Fish and Shellfish Immunology</i> , 2019, 87, 414-420.	3.6	30
4	A new prokaryotic expression vector for the expression of antimicrobial peptide abaecin using SUMO fusion tag. <i>BMC Biotechnology</i> , 2019, 19, 13.	3.3	38
5	Expression and assembly of largest foreign protein in chloroplasts: oral delivery of human FVIII made in lettuce chloroplasts robustly suppresses inhibitor formation in haemophilia A mice. <i>Plant Biotechnology Journal</i> , 2018, 16, 1148-1160.	8.3	46
6	Plant-based vaccines for oral delivery of type 1 diabetes-related autoantigens: Evaluating oral tolerance mechanisms and disease prevention in NOD mice. <i>Scientific Reports</i> , 2017, 7, 42372.	3.3	20
7	Oral Delivery of Protein Drugs Bioencapsulated in Plant Cells. <i>Molecular Therapy</i> , 2016, 24, 1342-1350.	8.2	73
8	Codon Optimization to Enhance Expression Yields Insights into Chloroplast Translation. <i>Plant Physiology</i> , 2016, 172, 62-77.	4.8	51
9	Low cost delivery of proteins bioencapsulated in plant cells to human non-immune or immune modulatory cells. <i>Biomaterials</i> , 2016, 80, 68-79.	11.4	50
10	Low cost oral delivery of protein drugs bioencapsulated in plant cells. <i>Plant Biotechnology Journal</i> , 2015, 13, 1017-1022.	8.3	64
11	Oral Delivery of Angiotensin-Converting Enzyme 2 and Angiotensin-(1-7) Bioencapsulated in Plant Cells Attenuates Pulmonary Hypertension. <i>Hypertension</i> , 2014, 64, 1248-1259.	2.7	126
12	Oral Delivery of ACE2/Ang-(1-7) Bioencapsulated in Plant Cells Protects against Experimental Uveitis and Autoimmune Uveoretinitis. <i>Molecular Therapy</i> , 2014, 22, 2069-2082.	8.2	74
13	Seedling Lethal1, a Pentatricopeptide Repeat Protein Lacking an E/E+ or DYW Domain in <i>Arabidopsis</i> , Is Involved in Plastid Gene Expression and Early Chloroplast Development. <i>Plant Physiology</i> , 2013, 163, 1844-1858.	4.8	55
14	Oral delivery of human biopharmaceuticals, autoantigens and vaccine antigens bioencapsulated in plant cells. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 782-799.	13.7	149
15	Oral delivery of bioencapsulated exendin-4 expressed in chloroplasts lowers blood glucose level in mice and stimulates insulin secretion in beta-TC6 cells. <i>Plant Biotechnology Journal</i> , 2013, 11, 77-86.	8.3	84
16	Release of Proteins from Intact Chloroplasts Induced by Reactive Oxygen Species during Biotic and Abiotic Stress. <i>PLoS ONE</i> , 2013, 8, e67106.	2.5	41
17	Deletion of the chloroplast-localized <i>AtTerC</i> gene product in <i>Arabidopsis thaliana</i> leads to loss of the thylakoid membrane and to seedling lethality. <i>Plant Journal</i> , 2008, 55, 428-442.	5.7	37