

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 | 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 |
| 2 | 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 |
| 3 | Oral delivery of bioencapsulated exendin ⁴ expressed in chloroplasts lowers blood glucose level in mice and stimulates insulin secretion in beta ² TC ₆ cells. <i>Plant Biotechnology Journal</i> , 2013, 11, 77-86. | 8.3 | 84 |
| 4 | 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 |
| 5 | Oral Delivery of Protein Drugs Bioencapsulated in Plant Cells. <i>Molecular Therapy</i> , 2016, 24, 1342-1350. | 8.2 | 73 |
| 6 | Low-cost oral delivery of protein drugs bioencapsulated in plant cells. <i>Plant Biotechnology Journal</i> , 2015, 13, 1017-1022. | 8.3 | 64 |
| 7 | Seedling Lethal1, a Pentatricopeptide Repeat Protein Lacking an E/E+ or DYW Domain in Arabidopsis, Is Involved in Plastid Gene Expression and Early Chloroplast Development. <i>Plant Physiology</i> , 2013, 163, 1844-1858. | 4.8 | 55 |
| 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 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |