Craig J Van Dolleweerd

List of Publications by Year
in descending order

34	1,685	304368 22	377514 34
papers	citations	h-index	g-index

35	35	35	1774
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multiple gene expression in plants using MIDASâ€P, a versatile type II restrictionâ€based modular expression vector. Biotechnology and Bioengineering, 2022, , .	1.7	8
2	Analysis of 11,430 recombinant protein production experiments reveals that protein yield is tunable by synonymous codon changes of translation initiation sites. PLoS Computational Biology, 2021, 17, e1009461.	1.5	9
3	MIDAS: A Modular DNA Assembly System for Synthetic Biology. ACS Synthetic Biology, 2018, 7, 1018-1029.	1.9	42
4	Heterologous Biosynthesis of Nodulisporic Acid F. Journal of the American Chemical Society, 2018, 140, 582-585.	6.6	39
5	Enhanced transport of plantâ€produced rabies singleâ€chain antibodyâ€<scp>RVG</scp> peptide fusion protein across an in cellulo bloodâ€“brain barrier device. Plant Biotechnology Journal, 2017, 15, 1331-1339.	4.1	17
6	Siteâ€targeted mutagenesis for stabilization of recombinant monoclonal antibody expressed in tobacco (Nicotiana tabacum) plants. FASEB Journal, 2016, 30, 1590-1598.	0.2	17
7	Regulatory approval and a firstâ€inâ€human phase I clinical trial of a monoclonal antibody produced in transgenic tobacco plants. Plant Biotechnology Journal, 2015, 13, 1106-1120.	4.1	205
8	Siteâ€specific proteolytic degradation of IgG monoclonal antibodies expressed in tobacco plants. Plant Biotechnology Journal, 2015, 13, 235-245.	4.1	37
9	Characterization of a plant-produced recombinant human secretory IgA with broad neutralizing activity against HIV. MAbs, 2014, 6, 1585-1597.	2.6	47
10	Mucosal delivery of antigenâ€coated nanoparticles to lungs confers protective immunity against tuberculosis infection in mice. European Journal of Immunology, 2014, 44, 440-449.	1.6	43
11	Engineering, Expression in Transgenic Plants and Characterisation of E559, a Rabies Virus-Neutralising Monoclonal Antibody. Journal of Infectious Diseases, 2014, 210, 200-208.	1.9	50
12	Plantâ€derived recombinant immune complexes as selfâ€adjuvanting <scp>TB</scp> immunogens for mucosal boosting of <scp>BCG</scp>. Plant Biotechnology Journal, 2014, 12, 840-850.	4.1	39
13	Monoclonal antibodies for prophylactic and therapeutic use against viral infections. Vaccine, 2013, 31, 1553-1559.	1.7	79
14	Monoclonal antibodies for prophylactic and therapeutic use against viral infections. Pediatria Polska, 2013, 88, T15-T23.	0.1	1
15	Production, characterization, and antigen specificity of recombinant 62â€71â€3, a candidate monoclonal antibody for rabies prophylaxis in humans. FASEB Journal, 2013, 27, 2055-2065.	0.2	48
16	Immune-Complex Mimics as a Molecular Platform for Adjuvant-Free Vaccine Delivery. PLoS ONE, 2013, 8, e60855.	1.1	24
17	Passive immunity in the prevention of rabies. Lancet Infectious Diseases, The, 2012, 12, 397-407.	4.6	110
18	Recombinant monoclonal antibody yield in transgenic tobacco plants is affected by the wounding response via an ethylene dependent mechanism. Transgenic Research, 2012, 21, 1221-1232.	1.3	3

#	Article	IF	Citations
19	Exploring the vaccine potential of Dec-205 targeting in Mycobacterium tuberculosis infection in mice. Vaccine, 2011, 29, 2279-2286.	1.7	16
20	Molecular pharming. Hum Vaccin, 2011, 7, 375-382.	2.4	39
21	Generation of transgenic plants expressing plasma membrane-bound antibodies to the environmental pollutant microcystin-LR. Transgenic Research, 2011, 20, 701-707.	1.3	6
22	Antibody degradation in tobacco plants: a predominantly apoplastic process. BMC Biotechnology, 2011, 11, 128.	1.7	45
23	Generation of transgenic plants expressing antibodies to the environmental pollutant microcystinâ€ŁR. FASEB Journal, 2010, 24, 882-890.	0.2	10
24	Dynamics of global disclosure through patent and journal publications for biopharmaceutical products. Nature Biotechnology, 2009, 27, 614-618.	9.4	10
25	Considerations for extraction of monoclonal antibodies targeted to different subcellular compartments in transgenic tobacco plants. Plant Biotechnology Journal, 2008, 6, 733-748.	4.1	74
26	Differential binding specificities of oral streptococcal antigen I/II family adhesins for human or bacterial ligands. Molecular Microbiology, 2005, 55, 1591-1605.	1.2	136
27	Functions of Cell Surface-Anchored Antigen I/II Family and Hsa Polypeptides in Interactions of Streptococcus gordonii with Host Receptors. Infection and Immunity, 2005, 73, 6629-6638.	1.0	100
28	Peptide Mapping of a Novel Discontinuous Epitope of the Major Surface Adhesin from Streptococcus mutans. Journal of Biological Chemistry, 2004, 279, 22198-22203.	1.6	18
29	A recombinant multimeric immunoglobulin expressed in rice shows assembly-dependent subcellular localization in endosperm cells. Plant Biotechnology Journal, 2004, 3, 115-127.	4.1	73
30	Rhizosecretion of a monoclonal antibody protein complex from transgenic tobacco roots. Plant Molecular Biology, 2003, 52, 233-241.	2.0	78
31	Characterization of the Conformational Epitope of Guy's 13, a Monoclonal Antibody That Prevents Streptococcus mutans Colonization in Humans. Infection and Immunity, 2003, 71, 754-765.	1.0	26
32	Transgenic plants expressing antibodies: a model for phytoremediation. FASEB Journal, 2002, 16, 1855-1860.	0.2	26
33	A murine monoclonal antibody produced in transgenic plants with plant-specific glycans is not immunogenic in mice. Transgenic Research, 2000, 9, 187-194.	1.3	110
34	Thecoat protein of white clover mosaic potexvirus has a role in facilitating cell-to-cell transport in plants. Virology, 1992, 191, 480-484.	1.1	94