Tsafrir S Mor

List of Publications by Year
in descending order

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41 papers	1,195 citations	394421 19 h-index	377865 34 g-index
44 all docs	44 docs citations	44 times ranked	1128 citing authors

#	Article	IF	Citations
1	Edible plant vaccines: applications for prophylactic and therapeutic molecular medicine. Trends in Molecular Medicine, 2002, 8, 324-329.	6.7	208
2	A mucosally targeted subunit vaccine candidate eliciting HIV-1 transcytosis-blocking Abs. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 13584-13589.	7.1	82
3	Perspective: edible vaccinesâ€"a concept coming of age. Trends in Microbiology, 1998, 6, 449-453.	7.7	76
4	Plant-derived human butyrylcholinesterase, but not an organophosphorous-compound hydrolyzing variant thereof, protects rodents against nerve agents. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 20251-20256.	7.1	75
5	Expression of recombinant human acetylcholinesterase in transgenic tomato plants. Biotechnology and Bioengineering, 2001, 75, 259-266.	3.3	59
6	Transgenic plants as a source for the bioscavenging enzyme, human butyrylcholinesterase. Plant Biotechnology Journal, 2010, 8, 873-886.	8.3	58
7	Biochemical and immunological characterization of the plantâ€derived candidate human immunodeficiency virus type 1 mucosal vaccine CTBâ€"MPR_{649â€"684}. Plant Biotechnology Journal, 2009, 7, 129-145.	8.3	55
8	Molecular pharmingâ€™s foot in the FDAâ€™s door: Protalixâ€™s trailblazing story. Biotechnology Letters, 2015, 37, 2147-2150.	2.2	53
9	Hairy-root organ cultures for the production of human acetylcholinesterase. BMC Biotechnology, 2008, 8, 95.	3.3	48
10	The case for plant-made veterinary immunotherapeutics. Biotechnology Advances, 2016, 34, 597-604.	11.7	46
11	Humoral immune responses by prime-boost heterologous route immunizations with CTB-MPR649â€"684, a mucosal subunit HIV/AIDS vaccine candidate. Vaccine, 2006, 24, 5047-5055.	3.8	45
12	Expression of human butyrylcholinesterase with an engineered glycosylation profile resembling the plasmaâ€derived orthologue. Biotechnology Journal, 2014, 9, 501-510.	3.5	39
13	Plantâ€derived human acetylcholinesteraseâ€R provides protection from lethal organophosphate poisoning and its chronic aftermath. FASEB Journal, 2007, 21, 2961-2969.	0.5	35
14	Oligomerization status influences subcellular deposition and glycosylation of recombinant butyrylcholinesterase in <scp>N</scp>icotiana benthamiana. Plant Biotechnology Journal, 2014, 12, 832-839.	8.3	34
15	Biological and biochemical characterization of HIV â€1 Gag/dgp41 virusâ€like particles expressed in N icotiana benthamiana. Plant Biotechnology Journal, 2013, 11, 681-690.	8.3	29
16	Plant-expressed cocaine hydrolase variants of butyrylcholinesterase exhibit altered allosteric effects of cholinesterase activity and increased inhibitor sensitivity. Scientific Reports, 2017, 7, 10419.	3.3	29
17	Purification of transgenic plant-derived recombinant human acetylcholinesterase-R. Chemico-Biological Interactions, 2005, 157-158, 331-334.	4.0	24
18	Codelivery of improved immune complex and virus-like particle vaccines containing Zika virus envelope domain III synergistically enhances immunogenicity. Vaccine, 2020, 38, 3455-3463.	3.8	21

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19	Transcytosis-Blocking Abs Elicited by an Oligomeric Immunogen Based on the Membrane Proximal Region of HIV-1 gp41 Target Non-Neutralizing Epitopes. Current HIV Research, 2008, 6, 218-229.	0.5	20
20	Immunological Characterization of Plant-Based HIV-1 Gag/Dgp41 Virus-Like Particles. PLoS ONE, 2016, 11, e0151842.	2.5	20
21	Translational control of recombinant human acetylcholinesterase accumulation in plants. BMC Biotechnology, 2007, 7, 27.	3.3	19
22	Tissue distribution of cholinesterases and anticholinesterases in native and transgenic tomato plants. Plant Molecular Biology, 2004, 55, 33-43.	3.9	18
23	Plants as a source of butyrylcholinesterase variants designed for enhanced cocaine hydrolase activity. Chemico-Biological Interactions, 2013, 203, 217-220.	4.0	15
24	The Arabidopsis thaliana ortholog of a purported maize cholinesterase gene encodes a GDSL-lipase. Plant Molecular Biology, 2013, 81, 565-576.	3.9	14
25	Increased organophosphate scavenging in a butyrylcholinesterase mutant. Chemico-Biological Interactions, 2008, 175, 376-379.	4.0	11
26	Humoral immunogenicity of an HIV-1 envelope residue 649â€“684 membrane-proximal region peptide fused to the plague antigen F1-V. Vaccine, 2011, 29, 5584-5590.	3.8	7
27	Bacterial expression, correct membrane targeting and functional folding of the HIV-1 membrane protein Vpu using a periplasmic signal peptide. PLoS ONE, 2017, 12, e0172529.	2.5	7
28	Reversal of Succinylcholine Induced Apnea with an Organophosphate Scavenging Recombinant Butyrylcholinesterase. PLoS ONE, 2013, 8, e59159.	2.5	6
29	Expression, purification and crystallization of CTB-MPR, a candidate mucosal vaccine component against HIV-1. IUCrJ, 2014, 1, 305-317.	2.2	6
30	Nicotinic stimulation induces Tristetraprolin over-production and attenuates inflammation in muscle. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 368-378.	4.1	5
31	A heterologous prime-boosting strategy with replicating Vaccinia virus vectors and plant-produced HIV-1 Gag/dgp41 virus-like particles. Virology, 2017, 507, 242-256.	2.4	5
32	(32) Characterizing pea acetylcholinesterase. Chemico-Biological Interactions, 2005, 157-158, 406-407.	4.0	4
33	Biophysical Characterization of a Vaccine Candidate against HIV-1: The Transmembrane and Membrane Proximal Domains of HIV-1 gp41 as a Maltose Binding Protein Fusion. PLoS ONE, 2015, 10, e0136507.	2.5	4
34	A plant-derived cocaine hydrolase prevents cocaine overdose lethality and attenuates cocaine-induced drug seeking behavior. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2020, 102, 109961.	4.8	4
35	Recombinant expression, purification, and biophysical characterization of the transmembrane and membrane proximal domains of <scp>HIV</scp>â€1 gp41. Protein Science, 2014, 23, 1607-1618.	7.6	3
36	Human Cholinesterases from Plants for Detoxification. , 2004, , 564-567.		3

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37	Organophosphate Intoxication. , 2009, , 691-717.		2
38	Production of IgG Fusion Proteins Transiently Expressed in Nicotiana benthamiana. Journal of Visualized Experiments, 2021, , .	0.3	1
39	Plants as a Source for Subunit Vaccines. , 0, , .		1
40	Mucosal Vaccines from Plant Biotechnology. , 2015, , 1271-1289.		0
41	IMST-50. DEVELOPMENT AND EXPRESSION OF AÂT CELL ENGAGER TARGETED TO GLIOBLASTOMA BY CHLOROTOXIN. Neuro-Oncology, 2016, 18, vi97-vi98.	1.2	0