Gregory Beck

List of Publications by Year
in descending order

32 papers	1,031 citations	430874 18 h-index	526287 27 g-index
34 all docs	34 docs citations	34 times ranked	867 citing authors

#	Article	IF	Citations
1	Immunity and the Invertebrates. Scientific American, 1996, 275, 60-66.	1.0	136
2	Evolution of the acute phase response: iron release by echinoderm (Asterias forbesi) coelomocytes, and cloning of an echinoderm ferritin molecule. Developmental and Comparative Immunology, 2002, 26, 11-26.	2.3	128
3	Invertebrate Cytokines III: Invertebrate Interleukin-1-like Molecules Stimulate Phagocytosis by Tunicate and Echinoderm Cells. Cellular Immunology, 1993, 146, 284-299.	3.0	83
4	Primitive cytokines: harbingers of vertebrate defense. Trends in Immunology, 1991, 12, 180-183.	7.5	81
5	Isolation, preliminary chemical characterization, and biological activity of Borrelia burgdorferi peptidoglycan. Biochemical and Biophysical Research Communications, 1990, 167, 89-95.	2.1	59
6	Purification and biochemical characterization of an invertebrate interleukin 1. Molecular Immunology, 1991, 28, 577-584.	2.2	51
7	Interaction of C1q with its receptor on cultured cell lines induces an anti-proliferative response. Clinical Immunology and Immunopathology, 1990, 54, 148-160.	2.0	48
8	Characterization of interleukin-1 activity in tunicates. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1989, 92, 93-98.	0.2	47
9	Invertebrate cytokines: The phylogenetic emergence of interleukin-1. BioEssays, 1989, 11, 62-67.	2.5	44
10	Characterization of a Defense Complex Consisting of Interleukin 1 and Phenol Oxidase from the Hemolymph of the Tobacco Hornworm, Manduca sexta. Journal of Biological Chemistry, 1996, 271, 11035-11038.	3.4	37
11	The Detection and Isolation of a Novel Antimicrobial Peptide From the Echinoderm Cucumaria Frondosa. Advances in Experimental Medicine and Biology, 2001, 484, 55-62.	1.6	35
12	Lyme Disease. Scientific American, 1987, 257, 78-83.	1.0	33
13	Phylogeny of natural cytotoxicity: Cytotoxic activity of coelomocytes of the purple sea urchin,Arbacia punctulata. The Journal of Experimental Zoology, 2001, 290, 741-750.	1.4	32
14	Macrokines invertebrate cytokine-like molecules. Frontiers in Bioscience - Landmark, 1998, 3, d559-569.	3.0	30
15	Nitric oxide production by coelomocytes of Asterias forbesi. Developmental and Comparative Immunology, 2001, 25, 1-10.	2.3	29
16	The Role of Interleukin-1 in the Pathogenesis of Lyme Disease. Annals of the New York Academy of Sciences, 1988, 539, 80-86.	3.8	28
17	Invertebrate Cytokines. Annals of the New York Academy of Sciences, 1994, 712, 206-212.	3.8	26
18	CHARACTERIZATION OF AN IL-6-LIKE MOLECULE FROM AN ECHINODERM (ASTERIAS FORBESI). Cytokine, 1996, 8, 507-512.	3.2	22

#	Article	IF	Citations
19	Mechanism of BCG-Activated Macrophage-Induced Tumor Cell Cytotoxicity: Evidence for Both Oxygen-Dependent and Independent Mechanisms. International Archives of Allergy and Immunology, 1983, 70, 252-260.	2.1	14
20	Mass mortality and slow recovery of Diadema antillarum: Could compromised immunity be a factor?. Marine Biology, 2014, 161, 1001-1013.	1.5	14
21	Characterization of an IL-1 Receptor from Asterias forbesi Coelomocytes. Cellular Immunology, 2000, 203, 66-73.	3.0	13
22	Generation of monoclonal antibodies to coelomocytes of the purple sea urchin Arbacia punctulata: Characterization and phenotyping. Developmental and Comparative Immunology, 2007, 31, 465-475.	2.3	11
23	Evolutionary analysis of human vascular endothelial growth factor, angiopoietin, and tyrosine endothelial kinase involved in angiogenesis and immunity. In Silico Biology, 2005, 5, 323-39.	0.9	9
24	Comparison of phagocytosis in three Caribbean Sea urchins. Developmental and Comparative Immunology, 2018, 78, 14-25.	2.3	7
25	Analysis of the Cell Membrane Proteolytic Enzymes of the B16, Fl, F10, and BL6 Melanoma and Their Role in Target Cell Destruction. Cancer Investigation, 1986, 4, 403-420.	1.3	6
26	Isolation and Biological Activity of Borrelia burgdorferi Peptidoglycan. Annals of the New York Academy of Sciences, 1988, 539, 365-366.	3.8	5
27	Cytokines of Invertebrate Immunity. , 2018, , .		2
28	The Synthesis and Application of Diarylhydrazones, Diaryl Schiffâ€bases, Betaâ€carbolines and Their Precursors as Potential Antibiotics. FASEB Journal, 2015, 29, LB112.	0.5	1
29	Tunicate Immunology. , 2018, , .		0
30	Isolation and Characterization of an IL-1-Like Protein From Manduca sexta. Advances in Experimental Medicine and Biology, 2001, 484, 63-69.	1.6	0
31	Molecular Characterization of IL-1-Like Molecules From Lower Vertebrates and Invertebrates. Advances in Experimental Medicine and Biology, 2001, 484, 41-54.	1.6	0
32	on St. Croix, USVI: Current Status and Interactions with Herbivorous Fishes. Yale Journal of Biology and Medicine, 2018, 91, 391-397.	0.2	0