Bertrand Toussaint

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11235007/publications.pdf

Version: 2024-02-01

40 papers	1,446 citations	394421 19 h-index	330143 37 g-index
41 all docs	41 docs citations	41 times ranked	1939 citing authors

#	Article	IF	Citations
1	Full Virulence of Pseudomonas aeruginosa Requires OprF. Infection and Immunity, 2011, 79, 1176-1186.	2.2	162
2	Pseudomonas aeruginosa Cystic Fibrosis Isolates Induce Rapid, Type III Secretion-Dependent, but ExoU-Independent, Oncosis of Macrophages and Polymorphonuclear Neutrophils. Infection and Immunity, 2000, 68, 2916-2924.	2.2	144
3	Cytokine profiles in polycythemia vera and essential thrombocythemia patients: Clinical implications. Experimental Hematology, 2014, 42, 360-368.	0.4	99
4	Molecular biology of membrane-bound H2 uptake hydrogenases. Archives of Microbiology, 1994, 161, 1-10.	2.2	89
5	Organization of the genes necessary for hydrogenase expression in Rhodobacter capsulatus. Sequence analysis and identification of two hyp regulatory mutants. Molecular Microbiology, 1993, 8, 15-29.	2.5	87
6	Activation of the Pseudomonas aeruginosa Type III Secretion System Requires an Intact Pyruvate Dehydrogenase aceAB Operon. Infection and Immunity, 2002, 70, 3973-3977.	2.2	86
7	Expression of ExsA in trans Confers Type III Secretion System-Dependent Cytotoxicity on Noncytotoxic Pseudomonas aeruginosa Cystic Fibrosis Isolates. Infection and Immunity, 2001, 69, 538-542.	2.2	74
8	Live-attenuated bacteria as a cancer vaccine vector. Expert Review of Vaccines, 2013, 12, 1139-1154.	4.4	74
9	Structural study of the response regulator HupR from Rhodobacter capsulatus. electron microscopy of two-dimensional crystals on a nickel-chelating lipid. Journal of Molecular Biology, 1997, 274, 687-692.	4.2	52
10	Scavenging of reactive oxygen species by tryptophan metabolites helps Pseudomonas aeruginosa escape neutrophil killing. Free Radical Biology and Medicine, 2014, 73, 400-410.	2.9	50
11	Tryptophan catabolism in Pseudomonas aeruginosa and potential for inter-kingdom relationship. BMC Microbiology, 2016, 16, 137.	3.3	49
12	Anti-tumor Immunotherapy via Antigen Delivery from a Live Attenuated Genetically Engineered Pseudomonas aeruginosa Type III Secretion System-Based Vector. Molecular Therapy, 2006, 14, 656-661.	8.2	46
13	High-cell-density regulation of the Pseudomonas aeruginosa type III secretion system: implications for tryptophan catabolites. Microbiology (United Kingdom), 2008, 154, 2195-2208.	1.8	40
14	Systemic calprotectin and chronic inflammatory rheumatic diseases. Joint Bone Spine, 2019, 86, 691-698.	1.6	38
15	The Rhodobacter capsulatus hupSLC promoter: identification of cis â€regulatory elements and of trans â€activating factors involved in H 2 activation of hupSLC transcription. Molecular Microbiology, 1997, 26, 927-937.	2.5	29
16	Cloning and sequence analyses of the genes coding for the integration host factor (IHF) and HU proteins of Pseudomonas aeruginosa. Gene, 1995, 154, 61-64.	2.2	27
17	Optimization of a Type III Secretion System-Based Pseudomonas aeruginosa Live Vector for Antigen Delivery. Vaccine Journal, 2008, 15, 308-313.	3.1	24
18	Calprotectin discriminates septic arthritis from pseudogout and rheumatoid arthritis. Rheumatology, 2019, 58, 1644-1648.	1.9	24

#	Article	IF	Citations
19	Orf1/SpcS Chaperones ExoS for Type Three Secretion by Pseudomonas aeruginosa. Biomedical and Environmental Sciences, 2008, 21, 103-109.	0.2	22
20	ThePseudomonas aeruginosa fumcandsodaGenes Belong to an Iron-Responsive Operon. Biochemical and Biophysical Research Communications, 1996, 226, 555-560.	2.1	20
21	Metabotypes of Pseudomonas aeruginosa Correlate with Antibiotic Resistance, Virulence and Clinical Outcome in Cystic Fibrosis Chronic Infections. Metabolites, 2021, 11, 63.	2.9	20
22	Optimal epitope composition after antigen screening using a live bacterial delivery vector. Bioengineered Bugs, 2010, 1, 51-60.	1.7	18
23	Optimization of Antitumor Immunotherapy Mediated by Type III Secretion System-based Live Attenuated Bacterial Vectors. Journal of Immunotherapy, 2012, 35, 223-234.	2.4	18
24	A Safe Bacterial Microsyringe for In Vivo Antigen Delivery and Immunotherapy. Molecular Therapy, 2013, 21, 1076-1086.	8.2	17
25	Killed but metabolically active Pseudomonas aeruginosa -based vaccine induces protective humoral- and cell-mediated immunity against Pseudomonas aeruginosa pulmonary infections. Vaccine, 2018, 36, 1893-1900.	3.8	17
26	Protein Delivery by Pseudomonas Type III Secretion System: Ex Vivo Complementation of p67phox-Deficient Chronic Granulomatous Disease. Biochemical and Biophysical Research Communications, 2000, 275, 854-858.	2.1	16
27	What We Know So Far about the Metabolite-Mediated Microbiota-Intestinal Immunity Dialogue and How to Hear the Sound of This Crosstalk. Metabolites, 2021, 11, 406.	2.9	16
28	Regulation of Hydrogenase Gene Expression. Advances in Photosynthesis and Respiration, 1995, , 1175-1190.	1.0	14
29	Poly-functional and long-lasting anticancer immune response elicited by a safe attenuated Pseudomonas aeruginosa vector for antigens delivery. Molecular Therapy - Oncolytics, 2016, 3, 16033.	4.4	12
30	Bacterial vectors for active immunotherapy reach clinical and industrial stages. Human Vaccines and Immunotherapeutics, 2012, 8, 1454-1458.	3.3	11
31	Serum amyloid A as a marker of disease activity in Giant cell arteritis. Autoimmunity Reviews, 2020, 19, 102428.	5.8	9
32	High-Resolution Magic Angle Spinning NMR-Based Metabolomics Revealing Metabolic Changes in Lung of Mice Infected with P. aeruginosa Consistent with the Degree of Disease Severity. Journal of Proteome Research, 2018, 17, 3409-3417.	3.7	7
33	Isolation of Rhodobacter capsulatus transketolase: Cloning and sequencing of its structural tktA gene. Gene, 1996, 169, 81-84.	2.2	6
34	Targeted release of transcription factors for cell reprogramming by a natural micro-syringe. International Journal of Pharmaceutics, 2016, 513, 678-687.	5.2	6
35	Targeted release of transcription factors for human cell reprogramming by ZEBRA cell-penetrating peptide. International Journal of Pharmaceutics, 2017, 529, 65-74.	5.2	6
36	Calprotectin is not independent from baseline erosion in predicting radiological progression in early rheumatoid arthritis. Comment on â€˜Calprotectin as a marker of inflammation in patients with early rheumatoid arthritisâ€™ by Jonssonet al. Annals of the Rheumatic Diseases, 2018, 77, e84-e84.	0.9	6

#	Article	IF	Citations
37	Characterisation of the mcpA and mcpB genes capable of encoding methyl-accepting type chemoreceptors in Rhodobacter capsulatus. Gene, 1996, 170, 73-76.	2.2	4
38	Aminoterminal propeptide of type III procollagen (PIIINP) is associated with ascending aortic aneurysm growth rate. International Journal of Cardiology, 2010, 145, 379-380.	1.7	4
39	Bacterial Vectors for the Delivery of Tumor Antigens. Methods in Molecular Biology, 2014, 1139, 429-441.	0.9	2
40	Regulation of the Expression of Type III Secretion Systems: an Example from Pseudomonas aeruginosa. , 0, , 315-334.		0