Bertrand Toussaint

List of Publications by Year
in descending order

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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	Metabotypes of Pseudomonas aeruginosa Correlate with Antibiotic Resistance, Virulence and Clinical Outcome in Cystic Fibrosis Chronic Infections. Metabolites, 2021, 11, 63.	2.9	20
2	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
3	Serum amyloid A as a marker of disease activity in Giant cell arteritis. Autoimmunity Reviews, 2020, 19, 102428.	5.8	9
4	Calprotectin discriminates septic arthritis from pseudogout and rheumatoid arthritis. Rheumatology, 2019, 58, 1644-1648.	1.9	24
5	Systemic calprotectin and chronic inflammatory rheumatic diseases. Joint Bone Spine, 2019, 86, 691-698.	1.6	38
6	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
7	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
8	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
9	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
10	Tryptophan catabolism in Pseudomonas aeruginosa and potential for inter-kingdom relationship. BMC Microbiology, 2016, 16, 137.	3.3	49
11	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
12	Targeted release of transcription factors for cell reprogramming by a natural micro-syringe. International Journal of Pharmaceutics, 2016, 513, 678-687.	5.2	6
13	Cytokine profiles in polycythemia vera and essential thrombocythemia patients: Clinical implications. Experimental Hematology, 2014, 42, 360-368.	0.4	99
14	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
15	Bacterial Vectors for the Delivery of Tumor Antigens. Methods in Molecular Biology, 2014, 1139, 429-441.	0.9	2
16	Live-attenuated bacteria as a cancer vaccine vector. Expert Review of Vaccines, 2013, 12, 1139-1154.	4.4	74
17	A Safe Bacterial Microsyringe for In Vivo Antigen Delivery and Immunotherapy. Molecular Therapy, 2013, 21, 1076-1086.	8.2	17
18	Bacterial vectors for active immunotherapy reach clinical and industrial stages. Human Vaccines and Immunotherapeutics, 2012, 8, 1454-1458.	3.3	11

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19	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
20	Full Virulence of Pseudomonas aeruginosa Requires OprF. Infection and Immunity, 2011, 79, 1176-1186.	2.2	162
21	Optimal epitope composition after antigen screening using a live bacterial delivery vector. Bioengineered Bugs, 2010, 1, 51-60.	1.7	18
22	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
23	Orf1/SpcS Chaperones ExoS for Type Three Secretion by Pseudomonas aeruginosa. Biomedical and Environmental Sciences, 2008, 21, 103-109.	0.2	22
24	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
25	Optimization of a Type III Secretion System-Based Pseudomonas aeruginosa Live Vector for Antigen Delivery. Vaccine Journal, 2008, 15, 308-313.	3.1	24
26	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
27	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
28	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
29	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
30	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
31	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
32	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
33	Isolation of Rhodobacter capsulatus transketolase: Cloning and sequencing of its structural tktA gene. Gene, 1996, 169, 81-84.	2.2	6
34	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
35	ThePseudomonas aeruginosa fumcandsodaGenes Belong to an Iron-Responsive Operon. Biochemical and Biophysical Research Communications, 1996, 226, 555-560.	2.1	20
36	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

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37	Regulation of Hydrogenase Gene Expression. Advances in Photosynthesis and Respiration, 1995, , 1175-1190.	1.0	14
38	Molecular biology of membrane-bound H2 uptake hydrogenases. Archives of Microbiology, 1994, 161, 1-10.	2.2	89
39	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
40	Regulation of the Expression of Type III Secretion Systems: an Example from Pseudomonas aeruginosa. , 0, , 315-334.		0