Bernard P Mahon

List of Publications by Year
in descending order

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70 papers	6,322 citations	117453 34 h-index	95083 68 g-index
71 all docs	71 docs citations	71 times ranked	7360 citing authors

#	Article	IF	Citations
1	Mesenchymal stem cells avoid allogeneic rejection. Journal of Inflammation, 2005, 2, 8.	1.5	732
2	Cell contact, prostaglandin E2 and transforming growth factor beta 1 play non-redundant roles in human mesenchymal stem cell induction of CD4+CD25Highforkhead box P3+ regulatory T cells. Clinical and Experimental Immunology, 2009, 156, 149-160.	1.1	595
3	Interferon-Î³ does not break, but promotes the immunosuppressive capacity of adult human mesenchymal stem cells. Clinical and Experimental Immunology, 2007, 149, 353-363.	1.1	559
4	IFN-Î³ and TNF-Î± differentially regulate immunomodulation by murine mesenchymal stem cells. Immunology Letters, 2007, 110, 91-100.	1.1	372
5	Immunological Aspects of Allogeneic Mesenchymal Stem Cell Therapies. Human Gene Therapy, 2010, 21, 1641-1655.	1.4	272
6	Murine mesenchymal stem cells suppress dendritic cell migration, maturation and antigen presentation. Immunology Letters, 2008, 115, 50-58.	1.1	243
7	A Murine Model in Which Protection Correlates with Pertussis Vaccine Efficacy in Children Reveals Complementary Roles for Humoral and Cell-Mediated Immunity in Protection againstBordetella pertussis. Infection and Immunity, 1998, 66, 594-602.	1.0	234
8	Mesenchymal stem cell inhibition of Tâ€helper 17 cellâ€differentiation is triggered by cellâ€“cell contact and mediated by prostaglandin E2 via the EP4 receptor. European Journal of Immunology, 2011, 41, 2840-2851.	1.6	193
9	Immunogenicity of Adult Mesenchymal Stem Cells: Lessons from the Fetal Allograft. Stem Cells and Development, 2005, 14, 252-265.	1.1	179
10	Allogeneic mesenchymal stem cells prevent allergic airway inflammation by inducing murine regulatory T cells. Allergy: European Journal of Allergy and Clinical Immunology, 2011, 66, 523-531.	2.7	173
11	Atypical Disease after Bordetella pertussis Respiratory Infection of Mice with Targeted Disruptions of Interferon-Î³ Receptor or Immunoglobulin Î¼ Chain Genes. Journal of Experimental Medicine, 1997, 186, 1843-1851.	4.2	160
12	Pertussis toxin potentiates Th1 and Th2 responses to co-injected antigen: adjuvant action is associated with enhanced regulatory cytokine production and expression of the co-stimulatory molecules B7- 1, B7-2 and CD28. International Immunology, 1998, 10, 651-662.	1.8	141
13	Interleukin-12 is produced by macrophages in response to live or killed Bordetella pertussis and enhances the efficacy of an acellular pertussis vaccine by promoting induction of Th1 cells. Infection and Immunity, 1996, 64, 5295-5301.	1.0	124
14	Allogeneic mesenchymal stem cells: Agents of immune modulation. Journal of Cellular Biochemistry, 2011, 112, 1963-1968.	1.2	122
15	Poliovirus-specific CD4+ Th1 clones with both cytotoxic and helper activity mediate protective humoral immunity against a lethal poliovirus infection in transgenic mice expressing the human poliovirus receptor.. Journal of Experimental Medicine, 1995, 181, 1285-1292.	4.2	117
16	IFN-Î³ Stimulated Human Umbilical-Tissue-Derived Cells Potently Suppress NK Activation and Resist NK-Mediated Cytotoxicity In Vitro. Stem Cells and Development, 2013, 22, 3003-3014.	1.1	111
17	Th1/Th2 cell dichotomy in acquired immunity to Bordetella pertussis : variables in the in vivo priming and in vitro cytokine detection techniques affect the classification of Tâ€cell subsets as Th1, Th2 or Th0. Immunology, 1996, 87, 372-380.	2.0	110
18	Human mesenchymal stem cells suppress donor CD4+ T cell proliferation and reduce pathology in a humanized mouse model of acute graft-versus-host disease. Clinical and Experimental Immunology, 2013, 172, 333-348.	1.1	107

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19	Jagged-1 is required for the expansion of CD4+ CD25+ FoxP3+ regulatory T cells and tolerogenic dendritic cells by murine mesenchymal stromal cells. Stem Cell Research and Therapy, 2015, 6, 19.	2.4	105
20	Protection againstBordetella pertussisin Mice in the Absence of Detectable Circulating Antibody: Implications for Longâ€Term Immunity in Children. Journal of Infectious Diseases, 2000, 181, 2087-2091.	1.9	92
21	Hepatocyte Growth Factor Is Required for Mesenchymal Stromal Cell Protection Against Bleomycin-Induced Pulmonary Fibrosis. Stem Cells Translational Medicine, 2016, 5, 1307-1318.	1.6	92
22	Immunochemical estimation of haemoglobin types in red blood cells by FACS analysis. British Journal of Haematology, 1994, 87, 125-132.	1.2	91
23	The Necrobiology of Mesenchymal Stromal Cells Affects Therapeutic Efficacy. Frontiers in Immunology, 2019, 10, 1228.	2.2	72
24	Human mesenchymal stromal cells exert HGF dependent cytoprotective effects in a human relevant pre-clinical model of COPD. Scientific Reports, 2016, 6, 38207.	1.6	68
25	The influence of macrophages on mesenchymal stromal cell therapy: passive or aggressive agents?. Clinical and Experimental Immunology, 2017, 188, 1-11.	1.1	65
26	Preparation and Characterization of Monoclonal Antibodies Directed Against Antigenic Determinants of Recombinant Human Tumour Necrosis Factor (rTNF). Hybridoma, 1987, 6, 305-311.	0.9	59
27	BMP4 induces an epithelialâ€“mesenchymal transition-like response in adult airway epithelial cells. Growth Factors, 2008, 26, 12-22.	0.5	59
28	Impaired Gamma Interferon Responses against Parvovirus B19 by Recently Infected Children. Journal of Virology, 2000, 74, 9903-9910.	1.5	51
29	Pellino3 targets the IRF7 pathway and facilitates autoregulation of TLR3- and viral-induced expression of type I interferons. Nature Immunology, 2012, 13, 1055-1062.	7.0	51
30	A Live, AttenuatedBordetella pertussisVaccine Provides Long-Term Protection against Virulent Challenge in a Murine Model. Vaccine Journal, 2011, 18, 187-193.	3.2	43
31	Linocin and OmpW Are Involved in Attachment of the Cystic Fibrosis-Associated Pathogen Burkholderia cepacia Complex to Lung Epithelial Cells and Protect Mice against Infection. Infection and Immunity, 2016, 84, 1424-1437.	1.0	41
32	A Live Attenuated Bordetella pertussis Candidate Vaccine Does Not Cause Disseminating Infection in Gamma Interferon Receptor Knockout Mice. Vaccine Journal, 2009, 16, 1344-1351.	3.2	39
33	Mesenchymal Stromal Cells Protect Against Caspase 3-Mediated Apoptosis of CD19⁺Peripheral B Cells Through Contact-Dependent Upregulation of VEGF. Stem Cells and Development, 2015, 24, 2391-2402.	1.1	38
34	Cellular and humoral immune responses to poliovirus in mice: a role for helper T cells in heterotypic immunity to poliovirus. Journal of General Virology, 1991, 72, 1093-1098.	1.3	36
35	Prior Bordetella pertussis infection modulates allergen priming and the severity of airway pathology in a murine model of allergic asthma. Clinical and Experimental Allergy, 2004, 34, 1488-1497.	1.4	35
36	Adeno-associated virus serotype 2 induces cell-mediated immune responses directed against multiple epitopes of the capsid protein VP1. Journal of General Virology, 2009, 90, 2622-2633.	1.3	34

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37	High-Sensitivity PCR Detection of Parvovirus B19 in Plasma. Journal of Clinical Microbiology, 2002, 40, 1958-1962.	1.8	33
38	B Cell Memory Is Directed toward Conformational Epitopes of Parvovirus B19 Capsid Proteins and the Unique Region of VP1. Journal of Infectious Diseases, 2004, 189, 1873-1880.	1.9	33
39	IL-1Î² and TNF-Î± induce increased expression of CCL28 by airway epithelial cells via an NFÎºB-dependent pathway. Cellular Immunology, 2005, 238, 87-96.	1.4	33
40	Efficient delivery of small interfering RNA for inhibition of IL-12p40 expression. Journal of Inflammation, 2004, 1, 4.	1.5	32
41	Attenuated Bordetella pertussis vaccine strain BPZE1 modulates allergenâ€induced immunity and prevents allergic pulmonary pathology in a murine model. Clinical and Experimental Allergy, 2010, 40, 933-941.	1.4	30
42	Interferon-Î³ mediated immune effector mechanisms against Bordetella pertussis. Immunology Letters, 1999, 68, 213-217.	1.1	29
43	Inflammation of the respiratory tract is associated with CCL28 and CCR10 expression in a murine model of allergic asthma. Immunology Letters, 2006, 103, 92-100.	1.1	29
44	Antigenic sequences of poliovirus recognized by T cells: serotype-specific epitopes on VP1 and VP3 and cross-reactive epitopes on VP4 defined by using CD4+ T-cell clones. Journal of Virology, 1992, 66, 7012-7020.	1.5	29
45	Preparative separation of foreign antigens for highly efficient presentation to T cells in vitro. Journal of Immunological Methods, 1992, 156, 247-254.	0.6	27
46	Mesenchymal Stromal Cells; Role in Tissue Repair, Drug Discovery and Immune Modulation. Current Drug Delivery, 2013, 11, 561-571.	0.8	27
47	Mechanisms of inhibition of T cell IL-2 secretion by factor VIII concentrates. British Journal of Haematology, 1992, 82, 575-583.	1.2	24
48	Î³Î´ T Cells Regulate the Early Inflammatory Response to Bordetella pertussis Infection in the Murine Respiratory Tract. Infection and Immunity, 2006, 74, 1837-1845.	1.0	24
49	Approaches To New Vaccines. Critical Reviews in Biotechnology, 1998, 18, 257-282.	5.1	23
50	Interleukin-10 (IL-10) but not Lipopolysaccharide (LPS) produces increased motor activity and abnormal exploratory patterns while impairing spatial learning in Balb/c mice. Physiology and Behavior, 2006, 87, 842-847.	1.0	23
51	Acellular Pertussis Vaccine Protects against Exacerbation of Allergic Asthma Due to Bordetella pertussis in a Murine Model. Vaccine Journal, 2005, 12, 409-417.	3.2	22
52	IL-17A Induces CCL28, Supporting the Chemotaxis of IgE-Secreting B Cells. International Archives of Allergy and Immunology, 2011, 156, 51-61.	0.9	22
53	The Rational Design of Vaccine Adjuvants for Mucosal and Neonatal Immunization. Current Medicinal Chemistry, 2001, 8, 1057-1075.	1.2	21
54	Differential effects of the cystic fibrosis lung inflammatory environment on mesenchymal stromal cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 319, L908-L925.	1.3	20

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55	Ex vivo cytokine responses against parvovirus B19 antigens in previously infected pregnant women. Journal of Medical Virology, 2003, 70, 475-480.	2.5	19
56	Whole-cell pertussis vaccine protects against Bordetella pertussis exacerbation of allergic asthma. Immunology Letters, 2005, 97, 91-100.	1.1	18
57	Baculovirus expression of parvovirus B19 (B19V) NS1: utility in confirming recent infection. Journal of Clinical Virology, 2001, 22, 55-60.	1.6	17
58	Novel mechanism of immunosuppression by influenza virus haemagglutinin: selective suppression of interleukin 12 p35 transcription in murine bone marrow-derived dendritic cells. Journal of General Virology, 2005, 86, 1885-1890.	1.3	17
59	Pertussis infection and vaccination induces Th1 cells. Trends in Immunology, 1998, 19, 534.	7.5	15
60	Zinc and silver glass polyalkenoate cements: An evaluation of their antibacterial nature. Bio-Medical Materials and Engineering, 2010, 20, 99-106.	0.4	15
61	Fabrication of CaOâ€“NaOâ€“SiO2/TiO2 scaffolds for surgical applications. Journal of Materials Science: Materials in Medicine, 2012, 23, 2881-2891.	1.7	14
62	The role of the S-1 and B-oligomer components of pertussis toxin in its adjuvant properties for Th1 and Th2 cells. Biochemical Society Transactions, 1997, 25, 126S-126S.	1.6	13
63	The Immunology of Bordetella pertussis Infection. Biologicals, 1999, 27, 77.	0.5	10
64	Exchanging breastmilk: Introduction. Maternal and Child Nutrition, 2018, 14, e12748.	1.4	7
65	Mechanisms of immunity to the respiratory pathogen Bordetella pertussis in normal and gene knockout mice: clearance of primary infection is not enhanced by therapeutic interleukin-12. Biochemical Society Transactions, 1997, 25, 341S-341S.	1.6	5
66	A possible role for protein synthesis, extracellular signal-regulated kinase, and brain-derived neurotrophic factor in long-term spatial memory retention in the water maze.. Behavioral Neuroscience, 2008, 122, 805-815.	0.6	5
67	Local cellular immunity to the respiratory pathogen Bordetella pertussis: role of costimulatory molecules. Biochemical Society Transactions, 1997, 25, 124S-124S.	1.6	1
68	Irish thoracic society. Irish Journal of Medical Science, 1998, 167, 1-13.	0.8	0
69	Biocompatibility of CaO-Na2O-SiO2/TiO2 Glass Ceramic Scaffolds for Orthopaedic Applications. , 2013, , .		0
70	Helminth antigens modulate human PBMCs, attenuating disease progression in a humanised mouse model of graft versus host disease. Experimental Parasitology, 2022, 235, 108231.	0.5	0