

Isabelle Bekeredjian-Ding

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

3,710
citations

159525

30
h-index

138417

58
g-index

107
all docs

107
docs citations

107
times ranked

6619
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasmacytoid Dendritic Cells Control TLR7 Sensitivity of Naive B Cells via Type I IFN. <i>Journal of Immunology</i> , 2005, 174, 4043-4050.	0.4	319
2	Clinical significance of brain natriuretic peptide in primary pulmonary hypertension. <i>Journal of the American College of Cardiology</i> , 2004, 43, 764-770.	1.2	266
3	Toll-like receptors " sentries in the B-cell response. <i>Immunology</i> , 2009, 128, 311-323.	2.0	220
4	Autoantigens are translocated into small apoptotic bodies during early stages of apoptosis. <i>Cell Death and Differentiation</i> , 2008, 15, 183-191.	5.0	170
5	Whole-exome sequencing links caspase recruitment domain11 (CARD11) inactivation to severe combined immunodeficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 1376-1383.e3.	1.5	127
6	Contribution of the Immune Response to Phage Therapy. <i>Journal of Immunology</i> , 2018, 200, 3037-3044.	0.4	110
7	T Cell-Independent, TLR-Induced IL-12p70 Production in Primary Human Monocytes. <i>Journal of Immunology</i> , 2006, 176, 7438-7446.	0.4	102
8	Toll-like receptors: lessons to learn from normal and malignant human B cells. <i>Blood</i> , 2008, 112, 2205-2213.	0.6	99
9	<i>Staphylococcus aureus</i> Protein A Triggers T Cell-Independent B Cell Proliferation by Sensitizing B Cells for TLR2 Ligands. <i>Journal of Immunology</i> , 2007, 178, 2803-2812.	0.4	97
10	Tumour-derived prostaglandin E ₂ and transforming growth factor β synergize to inhibit plasmacytoid dendritic cell-derived interferon γ . <i>Immunology</i> , 2009, 128, 439-450.	2.0	93
11	In vivo expression profile of the antiviral restriction factor and tumor-targeting antigen CD317/BST-2/HM1.24/tetherin in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 13688-13693.	3.3	86
12	Identification of agr-positive methicillin-resistant <i>Staphylococcus aureus</i> harbouring the class A mec complex by MALDI-TOF mass spectrometry. <i>International Journal of Medical Microbiology</i> , 2014, 304, 1018-1023.	1.5	86
13	A multicentre cohort study on colonization and infection with ESBL-producing Enterobacteriaceae in high-risk patients with haematological malignancies. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 3387-3392.	1.3	84
14	The $\frac{1}{2}$ Specific Lipoprotein Like Cluster (lpl) of <i>S. aureus</i> USA300 Contributes to Immune Stimulation and Invasion in Human Cells. <i>PLoS Pathogens</i> , 2015, 11, e1004984.	2.1	73
15	Maternal and Fetal Mechanisms of B Cell Regulation during Pregnancy: Human Chorionic Gonadotropin Stimulates B Cells to Produce IL-10 While Alpha-Fetoprotein Drives Them into Apoptosis. <i>Frontiers in Immunology</i> , 2016, 7, 495.	2.2	71
16	Epidemiology of invasive aspergillosis and azole resistance in patients with acute leukaemia: the SEPIA Study. <i>International Journal of Antimicrobial Agents</i> , 2017, 49, 218-223.	1.1	71
17	Analysis of Transmission of MRSA and ESBL-E among Pigs and Farm Personnel. <i>PLoS ONE</i> , 2015, 10, e0138173.	1.1	65
18	Induction of Type I IFN Is a Physiological Immune Reaction to Apoptotic Cell-Derived Membrane Microparticles. <i>Journal of Immunology</i> , 2012, 189, 1747-1756.	0.4	63

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19	<i>Staphylococcus aureus</i> -Induced Plasmacytoid Dendritic Cell Activation Is Based on an IgG-Mediated Memory Response. <i>Journal of Immunology</i> , 2008, 181, 3823-3833.	0.4	60
20	B cells undergo unique compartmentalized redistribution in multiple sclerosis. <i>Journal of Autoimmunity</i> , 2011, 37, 289-299.	3.0	58
21	Lipid moieties on lipoproteins of commensal and non-commensal staphylococci induce differential immune responses. <i>Nature Communications</i> , 2017, 8, 2246.	5.8	56
22	Immune control of <i>Staphylococcus aureus</i> – Regulation and counter-regulation of the adaptive immune response. <i>International Journal of Medical Microbiology</i> , 2014, 304, 204-214.	1.5	54
23	Neutrophil extracellular trap formation in supragingival biofilms. <i>International Journal of Medical Microbiology</i> , 2015, 305, 453-463.	1.5	54
24	Long-term release of antibiotics by carbon nanotube-coated titanium alloy surfaces diminish biofilm formation by <i>Staphylococcus epidermidis</i> . <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1587-1593.	1.7	52
25	Pathogen-Triggered Activation of Plasmacytoid Dendritic Cells Induces IL-10-Producing B Cells in Response to <i>Staphylococcus aureus</i> . <i>Journal of Immunology</i> , 2013, 190, 1591-1602.	0.4	50
26	Impact of Rifaximin on the Frequency and Characteristics of Spontaneous Bacterial Peritonitis in Patients with Liver Cirrhosis and Ascites. <i>PLoS ONE</i> , 2014, 9, e93909.	1.1	49
27	Unyvero i60 implant and tissue infection (ITI) multiplex PCR system in diagnosing periprosthetic joint infection. <i>Journal of Microbiological Methods</i> , 2016, 121, 27-32.	0.7	48
28	Expression of Tumor Necrosis Factor Receptor 2 Characterizes TLR9-Driven Formation of Interleukin-10-Producing B Cells. <i>Frontiers in Immunology</i> , 2017, 8, 1951.	2.2	41
29	Glutamate-cysteine ligase modulatory subunit in BAL alveolar macrophages of healthy smokers. <i>European Respiratory Journal</i> , 2003, 22, 82-87.	3.1	38
30	<i>Porphyromonas gingivalis</i> Outer Membrane Vesicles Induce Selective Tumor Necrosis Factor Tolerance in a Toll-Like Receptor 4- and mTOR-Dependent Manner. <i>Infection and Immunity</i> , 2016, 84, 1194-1204.	1.0	35
31	Prevalence and antibiotic susceptibility trends of periodontal pathogens in the subgingival microbiota of German periodontitis patients: A retrospective surveillance study. <i>Journal of Clinical Periodontology</i> , 2021, 48, 1216-1227.	2.3	35
32	TLR8-driven IL-12-dependent Reciprocal and Synergistic Activation of NK Cells and Monocytes by Immunostimulatory RNA. <i>Journal of Immunotherapy</i> , 2009, 32, 262-271.	1.2	30
33	Poke Weed Mitogen Requires Toll-Like Receptor Ligands for Proliferative Activity in Human and Murine B Lymphocytes. <i>PLoS ONE</i> , 2012, 7, e29806.	1.1	30
34	TLR9-Activating DNA Up-Regulates ZAP70 via Sustained PKB Induction in IgM+ B Cells. <i>Journal of Immunology</i> , 2008, 181, 8267-8277.	0.4	29
35	A Naturally Occurring Variant in Human TLR9, P99L, Is Associated with Loss of CpG Oligonucleotide Responsiveness. <i>Journal of Biological Chemistry</i> , 2010, 285, 36486-36494.	1.6	28
36	Apoptotic-cell-derived membrane vesicles induce an alternative maturation of human dendritic cells which is disturbed in SLE. <i>Journal of Autoimmunity</i> , 2013, 40, 86-95.	3.0	28

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37	Ca ²⁺ -related signaling events influence TLR9-induced IL-10 secretion in human B cells. <i>European Journal of Immunology</i> , 2014, 44, 1285-1298.	1.6	27
38	Microbiological Screening of Platelet Concentrates in Europe. <i>Transfusion Medicine and Hemotherapy</i> , 2019, 46, 76-86.	0.7	27
39	Systematic memory B cell archiving and random display shape the human splenic marginal zone throughout life. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	27
40	Apoptosis Mediated Through CD45 Is Independent of Its Phosphatase Activity and Association with Leukocyte Phosphatase-Associated Phosphoprotein. <i>Journal of Immunology</i> , 2002, 168, 6084-6089.	0.4	26
41	Vendor effects on murine gut microbiota influence experimental abdominal sepsis. <i>Journal of Surgical Research</i> , 2017, 211, 126-136.	0.8	26
42	RIG-I Activation Protects and Rescues from Lethal Influenza Virus Infection and Bacterial Superinfection. <i>Molecular Therapy</i> , 2017, 25, 2093-2103.	3.7	26
43	Enlargement of the WHO international repository for platelet transfusion-relevant bacteria reference strains. <i>Vox Sanguinis</i> , 2017, 112, 713-722.	0.7	25
44	Heterogeneity of Host TLR2 Stimulation by <i>Staphylococcus aureus</i> Isolates. <i>PLoS ONE</i> , 2014, 9, e96416.	1.1	25
45	Purified apoptotic bodies stimulate plasmacytoid dendritic cells to produce IFN-alpha. <i>Autoimmunity</i> , 2007, 40, 331-332.	1.2	24
46	Comparison of bacterial growth in sonication fluid cultures with periprosthetic membranes and with cultures of biopsies for diagnosing periprosthetic joint infection. <i>Diagnostic Microbiology and Infectious Disease</i> , 2016, 84, 112-115.	0.8	24
47	Antigen delivery to dendritic cells shapes human CD4+ and CD8+ T cell memory responses to <i>Staphylococcus aureus</i> . <i>PLoS Pathogens</i> , 2017, 13, e1006387.	2.1	24
48	Optimizing the dynamics of protein expression. <i>Scientific Reports</i> , 2019, 9, 7511.	1.6	24
49	Biochemical and functional analysis of mice deficient in expression of the CD45-associated phosphoprotein LPAP. <i>European Journal of Immunology</i> , 1999, 29, 3956-3961.	1.6	23
50	The Innate Immune Response Against <i>Staphylococcus aureus</i> . <i>Current Topics in Microbiology and Immunology</i> , 2015, 409, 385-418.	0.7	21
51	IRAK4 turns IL-10 ⁺ phospho-FOXO ⁺ monocytes into pro-inflammatory cells by suppression of protein kinase B. <i>European Journal of Immunology</i> , 2013, 43, 1630-1642.	1.6	20
52	Challenges for Clinical Development of Vaccines for Prevention of Hospital-Acquired Bacterial Infections. <i>Frontiers in Immunology</i> , 2020, 11, 1755.	2.2	20
53	Eradication of Methicillin-Resistant <i>Staphylococcus aureus</i> and of Enterobacteriaceae Expressing Extended-Spectrum Beta-Lactamases on a Model Pig Farm. <i>Applied and Environmental Microbiology</i> , 2015, 81, 7633-7643.	1.4	18
54	Plasmacytoid Dendritic Cells: Neglected Regulators of the Immune Response to <i>Staphylococcus aureus</i> . <i>Frontiers in Immunology</i> , 2014, 5, 238.	2.2	16

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55	Vaccines against major ICU pathogens: where do we stand?. <i>Current Opinion in Critical Care</i> , 2016, 22, 470-476.	1.6	16
56	Impact of hepatitis E virus testing on the safety of blood components in Germany – results of a simulation study. <i>Vox Sanguinis</i> , 2018, 113, 811-813.	0.7	16
57	Relapse of posttraumatic osteomyelitis due to <i>Clostridium celerecrescens</i> . <i>Infection</i> , 2011, 39, 491-494.	2.3	14
58	Prioritizing of bacterial infections transmitted through substances of human origin in Europe. <i>Transfusion</i> , 2017, 57, 1311-1317.	0.8	14
59	Plasmacytoid dendritic cells control B cell-derived IL-10 production. <i>Autoimmunity</i> , 2012, 45, 579-583.	1.2	13
60	Rapid brain death caused by a cerebellar abscess with <i>Fusobacterium nucleatum</i> in a young man with drug abuse: a case report. <i>BMC Research Notes</i> , 2014, 7, 353.	0.6	13
61	Prevalence and Antibiotic Susceptibility Trends of Selected Enterobacteriaceae, Enterococci, and <i>Candida albicans</i> in the Subgingival Microbiota of German Periodontitis Patients: A Retrospective Surveillance Study. <i>Antibiotics</i> , 2022, 11, 385.	1.5	13
62	Haematogenous infection of a total knee arthroplasty with <i>Klebsiella pneumoniae</i> . <i>BMJ Case Reports</i> , 2013, 2013, bcr2013008588-bcr2013008588.	0.2	12
63	Functional variation reflects intra-strain diversity of <i>Staphylococcus aureus</i> small colony variants in the host-pathogen interaction. <i>International Journal of Medical Microbiology</i> , 2013, 303, 61-69.	1.5	11
64	False non-susceptible results of tigecycline susceptibility testing against Enterobacteriaceae by an automated system: a multicentre study. <i>Journal of Medical Microbiology</i> , 2016, 65, 877-881.	0.7	11
65	PDC expressing CD36, CD61 and IL-10 may contribute to propagation of immune tolerance. <i>Autoimmunity</i> , 2009, 42, 353-355.	1.2	10
66	Novel Diagnostics in Revision Arthroplasty: Implant Sonication and Multiplex Polymerase Chain Reaction. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	10
67	Effects of long-term cryopreservation of PBMC on recovery of B cell subpopulations. <i>Journal of Immunological Methods</i> , 2021, 495, 113081.	0.6	10
68	ESBL Detection: Comparison of a Commercially Available Chromogenic Test for Third Generation Cephalosporine Resistance and Automated Susceptibility Testing in Enterobacteriaceae. <i>PLoS ONE</i> , 2016, 11, e0160203.	1.1	10
69	Bifunctional Oligodeoxynucleotide/AntagomiR Constructs: Evaluation of a New Tool for MicroRNA Silencing. <i>Nucleic Acid Therapeutics</i> , 2013, 23, 427-434.	2.0	9
70	Detection of <i>Pantoea agglomerans</i> in hip prosthetic infection by sonication of the removed prosthesis: The first reported case. <i>Technology and Health Care</i> , 2013, 21, 613-618.	0.5	9
71	Multidrug resistant <i>Acinetobacter baumannii</i> reaches a new frontier: prosthetic hip joint infection. <i>Infection</i> , 2015, 43, 95-97.	2.3	9
72	Assessment of the involvement of the macrophage migration inhibitory factor-glucocorticoid regulatory dyad in the expression of matrix metalloproteinase-2 during periodontitis. <i>European Journal of Oral Sciences</i> , 2017, 125, 345-354.	0.7	9

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73	TNFR2 expression is a hallmark of human memory B cells with suppressive function. <i>European Journal of Immunology</i> , 2021, 51, 1195-1205.	1.6	8
74	Deciphering the significance of the T-cell response to <i>Staphylococcus aureus</i> . <i>Future Microbiology</i> , 2017, 12, 1023-1026.	1.0	8
75	Spontaneous bacterial peritonitis by <i>Pasteurella multocida</i> under treatment with rifaximin. <i>Infection</i> , 2014, 42, 175-177.	2.3	6
76	Raman spectroscopy-based identification of toxoid vaccine products. <i>Npj Vaccines</i> , 2018, 3, 50.	2.9	6
77	Human plasmacytoid dendritic cells at the crossroad of type I interferon-regulated B cell differentiation and antiviral response to tick-borne encephalitis virus. <i>PLoS Pathogens</i> , 2021, 17, e1009505.	2.1	6
78	Controlled Human Infection Studies: Proposals for guidance on how to design, develop and produce a challenge strain. <i>Biologicals</i> , 2021, 74, 16-23.	0.5	6
79	Administration of anti-interleukin-2R1± monoclonal antibody in bronchiolitis obliterans syndrome after lung transplantation. <i>Transplantation</i> , 2003, 75, 1767-1769.	0.5	5
80	Heterozygous Carriage of a Dysfunctional Toll-like Receptor 9 Allele Affects CpG Oligonucleotide Responses in B Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 24544-24553.	1.6	5
81	Comparison of antibiotic prophylaxis with cotrimoxazole/colistin (COT/COL) versus ciprofloxacin (CIP) in patients with acute myeloid leukemia. <i>Supportive Care in Cancer</i> , 2015, 23, 1321-1329.	1.0	5
82	Phosphorothioate-modified CpG oligodeoxynucleotides mimic autoantigens and reveal a potential role for Toll-like receptor 9 in receptor revision. <i>Immunology</i> , 2013, 139, 166-178.	2.0	4
83	Kinetic Fingerprinting Links Bacteria-Phage Interactions with Emergent Dynamics: Rapid Depletion of <i>Klebsiella pneumoniae</i> Indicates Phage Synergy. <i>Antibiotics</i> , 2020, 9, 408.	1.5	4
84	<i>Staphylococcus aureus</i> Protein A Induces Human Regulatory T Cells Through Interaction With Antigen-Presenting Cells. <i>Frontiers in Immunology</i> , 2020, 11, 581713.	2.2	4
85	Neither black nor white: do altered intestinal microbiota reflect chronic liver disease severity?. <i>Gut</i> , 2021, 70, gutjnl-2020-321424.	6.1	4
86	B cell encounters with apoptotic cells. <i>Autoimmunity</i> , 2013, 46, 307-311.	1.2	3
87	How to draw the line " Raman spectroscopy as a tool for the assessment of biomedicines. <i>Biological Chemistry</i> , 2021, 402, 1001-1006.	1.2	3
88	A cell-based in vitro assay for testing of immunological integrity of Tetanus toxoid vaccine antigen. <i>Npj Vaccines</i> , 2021, 6, 88.	2.9	3
89	Individual combinations of danger signals synergistically increase FVIII product immunogenicity. <i>Haemophilia</i> , 2019, 25, 996-1002.	1.0	2
90	A 5-year look-back at the notification and management of vaccine supply shortages in Germany. <i>Eurosurveillance</i> , 2022, 27, .	3.9	2

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91	Cells induced to undergo apo in the presence of the caspase inhibitor benzyloxycarbonyl-Val-Ala-Asp-fluoromethylketone stimulate Mo derived phagocytes to secrete proinflammatory cytokines. <i>Autoimmunity</i> , 2009, 42, 328-330.	1.2	1
92	Successful management of <i>Candida krusei</i> monoarthritis after allo-SCT. <i>Bone Marrow Transplantation</i> , 2013, 48, 1585-1586.	1.3	1
93	Rapid monitoring of vancomycin-resistant <i>Enterococcus faecium</i> in hospital departments by repetitive element palindromic polymerase chain reaction. <i>Journal of Hospital Infection</i> , 2018, 99, 208-217.	1.4	1
94	In vivo-expression profile and regulation of the antiviral restriction factor CD317/tetherin in humans. <i>Retrovirology</i> , 2011, 8, .	0.9	0
95	Genome Sequences of the First WHO Repository of Platelet Transfusion-Relevant Bacterial Reference Strains. <i>Genome Announcements</i> , 2017, 5, .	0.8	0
96	20. Immunprophylaxe gegen die Antibiotika-assoziierte DiarrhÃ¶. , 2019, , 277-302.		0
97	Whole-Exome Sequencing Links CARD11 Inactivation with SCID. <i>Blood</i> , 2012, 120, 258-258.	0.6	0
98	In Vitro Analysis of Nucleic Acid Recognition in B Lymphocytes. <i>Methods in Molecular Biology</i> , 2014, 1169, 87-96.	0.4	0
99	DGfI Study Group Vaccines â€™Annual Meeting 2022. <i>European Journal of Immunology</i> , 2022, 52, 370-371.	1.6	0