Zsuzsa Bajtay

List of Publications by Year
in descending order

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43 papers	1,196 citations	430754 18 h-index	377752 34 g-index
43 all docs	43 docs citations	43 times ranked	1727 citing authors

#	Article	IF	Citations
1	Scientific memory from the early nineties; a common project with professors late JÃ¡nos Gergely and Anna Erdei. Biologia Futura, 2021, 72, 3-5.	0.6	0
2	Biologia Futura: stories about the functions of Î²2-integrins in human phagocytes. Biologia Futura, 2021, 72, 7-13.	0.6	2
3	Revisiting the Coreceptor Function of Complement Receptor Type 2 (CR2, CD21); Coengagement With the B-Cell Receptor Inhibits the Activation, Proliferation, and Antibody Production of Human B Cells. Frontiers in Immunology, 2021, 12, 620427.	2.2	21
4	BCR activated CLL B cells use both CR3 (CD11b/CD18) and CR4 (CD11c/CD18) for adhesion while CR4 has a dominant role in migration towards SDF-1. PLoS ONE, 2021, 16, e0254853.	1.1	1
5	Conserved and Distinct Elements of Phagocytosis in Human and C. elegans. International Journal of Molecular Sciences, 2021, 22, 8934.	1.8	10
6	New aspects in the regulation of human B cell functions by complement receptors CR1, CR2, CR3 and CR4. Immunology Letters, 2021, 237, 42-57.	1.1	23
7	Natural Compounds as Target Biomolecules in Cellular Adhesion and Migration: From Biomolecular Stimulation to Label-Free Discovery and Bioactivity-Based Isolation. Biomedicines, 2021, 9, 1781.	1.4	5
8	Activated Human Memory B Lymphocytes Use CR4 (CD11c/CD18) for Adhesion, Migration, and Proliferation. Frontiers in Immunology, 2020, 11, 565458.	2.2	14
9	The differential role of CR3 (CD11b/CD18) and CR4 (CD11c/CD18) in the adherence, migration and podosome formation of human macrophages and dendritic cells under inflammatory conditions. PLoS ONE, 2020, 15, e0232432.	1.1	21
10	Utilization of complement receptors in immune cellâ€“microbe interaction. FEBS Letters, 2020, 594, 2695-2713.	1.3	19
11	The nucleoside diphosphate kinase NDKâ€1/NME1 promotes phagocytosis in concert with DYNâ€1/Dynamin. FASEB Journal, 2019, 33, 11606-11614.	0.2	8
12	Functional Characterization of Secreted Aspartyl Proteases in Candida parapsilosis. MSphere, 2019, 4, .	1.3	29
13	Non-identical twins: Different faces of CR3 and CR4 in myeloid and lymphoid cells of mice and men. Seminars in Cell and Developmental Biology, 2019, 85, 110-121.	2.3	64
14	The role of CR3 (CD11b/CD18) and CR4 (CD11c/CD18) in complement-mediated phagocytosis and podosome formation by human phagocytes. Immunology Letters, 2017, 189, 64-72.	1.1	99
15	Functional studies of chronic lymphocytic leukemia B cells expressing Î² 2 -integrin type complement receptors CR3 and CR4. Immunology Letters, 2017, 189, 73-81.	1.1	12
16	CD11c/CD18 Dominates Adhesion of Human Monocytes, Macrophages and Dendritic Cells over CD11b/CD18. PLoS ONE, 2016, 11, e0163120.	1.1	72
17	Adhesion kinetics of human primary monocytes, dendritic cells, and macrophages: Dynamic cell adhesion measurements with a label-free optical biosensor and their comparison with end-point assays. Biointerphases, 2016, 11, 031001.	0.6	15
18	The versatile functions of complement C3â€derived ligands. Immunological Reviews, 2016, 274, 127-140.	2.8	34

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19	Secreted aspartic protease 2 of Candida albicans inactivates factor H and the macrophage factor H-receptors CR3 (CD11b/CD18) and CR4 (CD11c/CD18). Immunology Letters, 2015, 168, 13-21.	1.1	32
20	Single Cell Adhesion Assay Using Computer Controlled Micropipette. PLoS ONE, 2014, 9, e111450.	1.1	30
21	Automated single cell sorting and deposition in submicroliter drops. Applied Physics Letters, 2014, 105, .	1.5	13
22	In-situ and label-free optical monitoring of the adhesion and spreading of primary monocytes isolated from human blood: Dependence on serum concentration levels. Biosensors and Bioelectronics, 2014, 54, 339-344.	5.3	30
23	CR3 is the dominant phagocytotic complement receptor on human dendritic cells. Immunobiology, 2013, 218, 652-663.	0.8	32
24	Application of Fluorescent Monocytes for Probing Immune Complexes on Antigen Microarrays. PLoS ONE, 2013, 8, e72401.	1.1	10
25	Human T cell derived, cell-bound complement iC3b is integrally involved in T cell activation. Immunology Letters, 2012, 143, 131-136.	1.1	15
26	Impact of molecular mimicry on the clinical course and outcome of sepsis syndrome. Molecular Immunology, 2011, 49, 512-517.	1.0	8
27	Mathematical analysis of clinical data reveals a homunculus of bacterial mimotopes protecting from autoimmunity via oral tolerance in human. Molecular Immunology, 2009, 46, 1673-1678.	1.0	4
28	Expression and role of CR1 and CR2 on B and T lymphocytes under physiological and autoimmune conditions. Molecular Immunology, 2009, 46, 2767-2773.	1.0	76
29	A novel, complement-mediated way to enhance the interplay between macrophages, dendritic cells and T lymphocytes. Molecular Immunology, 2009, 47, 438-448.	1.0	17
30	Set a thief to catch a thief: Self-reactive innate lymphocytes and self tolerance. Autoimmunity Reviews, 2008, 7, 278-283.	2.5	11
31	B lymphocytes and macrophages release cell membrane deposited C3-fragments on exosomes with T cell response-enhancing capacityâ˜†. Molecular Immunology, 2008, 45, 2343-2351.	1.0	44
32	Complement protein C1q induces maturation of human dendritic cells. Molecular Immunology, 2007, 44, 3389-3397.	1.0	76
33	Expression and role of Fc- and complement-receptors on human dendritic cells. Immunology Letters, 2006, 104, 46-52.	1.1	65
34	Cutting Edge: Productive HIV-1 Infection of Dendritic Cells via Complement Receptor Type 3 (CR3,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.4	87
35	Regulation of B-cell activation by complement receptors CR1 (CD35) and CR2 (CD21)â€"possible involvement in the pathogenesis of autoimmune diseases. Autoimmunity Reviews, 2004, 3, 624-625.	2.5	0
36	Complement Receptor Type 1 (CD35) Mediates Inhibitory Signals in Human B Lymphocytes. Journal of Immunology, 2002, 168, 2782-2788.	0.4	85

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37	Mucosal type mast cells express complement receptor type 2 (CD21). Immunology Letters, 2002, 82, 29-34.	1.1	12
38	Characterization of factor H-related cell membrane molecules expressed by human B lymphocytes and neutrophil granulocytes. Immunology Letters, 2001, 77, 55-62.	1.1	2
39	C5a and C5adesArg Enhance the Susceptibility of Monocyte-Derived Macrophages to HIV Infection. Journal of Immunology, 2001, 166, 3410-3415.	0.4	48
40	Mannan-binding lectin and C1q bind to distinct structures and exert differential effects on macrophages. European Journal of Immunology, 2000, 30, 1706-1713.	1.6	27
41	Inhibition of IgE-mediated triggering of mast cells by complement-derived peptides interacting with the FcÎµRI. Immunology Letters, 1999, 68, 79-82.	1.1	15
42	HIV-1 induces human monocyte-derived macrophages to produce C3 and to fix C3 on their surface. Journal of Leukocyte Biology, 1998, 63, 463-468.	1.5	4
43	Functional cooperation of C3b-acceptors, FcÎ³-receptors and cell-surface proteases on macrophages. Immunology Letters, 1985, 11, 141-146.	1.1	4