

Thomas Vorup-Jensen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4378354/publications.pdf>

Version: 2024-02-01

104
papers

4,733
citations

136950

32
h-index

98798

67
g-index

114
all docs

114
docs citations

114
times ranked

5282
citing authors

#	ARTICLE	IF	CITATIONS
1	A second serine protease associated with mannan-binding lectin that activates complement. <i>Nature</i> , 1997, 386, 506-510.	27.8	799
2	MASP-3 and Its Association with Distinct Complexes of the Mannan-Binding Lectin Complement Activation Pathway. <i>Immunity</i> , 2001, 15, 127-135.	14.3	357
3	Size-Dependent Accumulation of PEGylated Silane-Coated Magnetic Iron Oxide Nanoparticles in Murine Tumors. <i>ACS Nano</i> , 2009, 3, 1947-1951.	14.6	242
4	Identification of the target self-antigens in reperfusion injury. <i>Journal of Experimental Medicine</i> , 2006, 203, 141-152.	8.5	210
5	Distinct Pathways of Mannan-Binding Lectin (MBL)- and C1-Complex Autoactivation Revealed by Reconstitution of MBL with Recombinant MBL-Associated Serine Protease-2. <i>Journal of Immunology</i> , 2000, 165, 2093-2100.	0.8	184
6	Two constituents of the initiation complex of the mannan-binding lectin activation pathway of complement are encoded by a single structural gene. <i>Journal of Immunology</i> , 1999, 162, 3481-90.	0.8	152
7	Activation of the Lectin Pathway by Natural IgM in a Model of Ischemia/Reperfusion Injury. <i>Journal of Immunology</i> , 2006, 177, 4727-4734.	0.8	139
8	Control of the classical and the MBL pathway of complement activation. <i>Molecular Immunology</i> , 2000, 37, 803-811.	2.2	132
9	Interaction Properties of Human Mannan-Binding Lectin (MBL)-Associated Serine Proteases-1 and -2, MBL-Associated Protein 19, and MBL. <i>Journal of Immunology</i> , 2001, 166, 5068-5077.	0.8	124
10	Mapping and identification of soft corona proteins at nanoparticles and their impact on cellular association. <i>Nature Communications</i> , 2020, 11, 4535.	12.8	122
11	Structural insight on the recognition of surface-bound opsonins by the integrin I domain of complement receptor 3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16426-16431.	7.1	113
12	Impact of Microbiota on Resistance to Ocular <i>Pseudomonas aeruginosa</i> -Induced Keratitis. <i>PLoS Pathogens</i> , 2016, 12, e1005855.	4.7	102
13	Interaction of C1q and Mannan-Binding Lectin (MBL) with C1r, C1s, MBL-Associated Serine Proteases 1 and 2, and the MBL-Associated Protein MAp19. <i>Journal of Immunology</i> , 2000, 165, 878-887.	0.8	99
14	Curvature of Synthetic and Natural Surfaces Is an Important Target Feature in Classical Pathway Complement Activation. <i>Journal of Immunology</i> , 2010, 184, 1931-1945.	0.8	98
15	Exposure of acidic residues as a danger signal for recognition of fibrinogen and other macromolecules by integrin α 2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 1614-1619.	7.1	91
16	Structure and allosteric regulation of the α 2 integrin I domain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 1873-1878.	7.1	90
17	Structural Immunology of Complement Receptors 3 and 4. <i>Frontiers in Immunology</i> , 2018, 9, 2716.	4.8	90
18	Osteopontin Enhances Phagocytosis through a Novel Osteopontin Receptor, the α 2 Integrin. <i>Journal of Immunology</i> , 2009, 182, 6943-6950.	0.8	86

#	ARTICLE	IF	CITATIONS
19	A simple set of validation steps identifies and removes false results in a sandwich enzyme-linked immunosorbent assay caused by anti-animal IgG antibodies in plasma from arthritis patients. SpringerPlus, 2013, 2, 263.	1.2	69
20	Structural Insight into the Function of Myelin Basic Protein as a Ligand for Integrin $\alpha 2 \beta 1$. Journal of Immunology, 2008, 180, 3946-3956.	0.8	61
21	Recombinant expression of human mannan-binding lectin. International Immunopharmacology, 2001, 1, 677-687.	3.8	60
22	On the roles of polyvalent binding in immune recognition: Perspectives in the nanoscience of immunology and the immune response to nanomedicines. Advanced Drug Delivery Reviews, 2012, 64, 1759-1781.	13.7	54
23	Conformational Changes in Mannan-Binding Lectin Bound to Ligand Surfaces. Journal of Immunology, 2007, 178, 3016-3022.	0.8	53
24	Osteopontin binds multiple calcium ions with high affinity and independently of phosphorylation status. Bone, 2014, 66, 90-95.	2.9	46
25	Shedding of Large Functionally Active CD11/CD18 Integrin Complexes from Leukocyte Membranes during Synovial Inflammation Distinguishes Three Types of Arthritis through Differential Epitope Exposure. Journal of Immunology, 2010, 185, 4154-4168.	0.8	45
26	Induction of partial protection against infection with Toxoplasma gondii genotype II by DNA vaccination with recombinant chimeric tachyzoite antigens. Vaccine, 2009, 27, 2489-2498.	3.8	44
27	Binding between the Integrin $\alpha X \beta 2$ (CD11c/CD18) and Heparin. Journal of Biological Chemistry, 2007, 282, 30869-30877.	3.4	43
28	The human gene for mannan-binding lectin-associated serine protease-2 (MASP-2), the effector component of the lectin route of complement activation, is part of a tightly linked gene cluster on chromosome 1p36.2-3. Genes and Immunity, 2001, 2, 119-127.	4.1	42
29	Leukotoxin from <i>Aggregatibacter actinomycetemcomitans</i> causes shrinkage and P2X receptor-dependent lysis of human erythrocytes. Cellular Microbiology, 2012, 14, 1904-1920.	2.1	42
30	Age is an important determinant in humoral and T cell responses to immunization with hepatitis B surface antigen. Human Vaccines and Immunotherapeutics, 2013, 9, 1466-1476.	3.3	41
31	The Role of Nanometer-Scaled Ligand Patterns in Polyvalent Binding by Large Mannan-Binding Lectin Oligomers. Journal of Immunology, 2012, 188, 1292-1306.	0.8	39
32	MASP-2, the C3 Convertase Generating Protease of the MBLectin Complement Activating Pathway. Immunobiology, 1998, 199, 348-357.	1.9	37
33	The cationic peptide LL-37 binds Mac-1 (CD11b/CD18) with a low dissociation rate and promotes phagocytosis. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2016, 1864, 471-478.	2.3	36
34	Regulation of tumorigenic Wnt signaling by cyclooxygenase-2, 5-lipoxygenase and their pharmacological inhibitors: A basis for novel drugs targeting cancer cells?. , 2016, 157, 43-64.		36
35	Glutaric Acetate in Treatment of Multiple Sclerosis: A Toolbox of Random Co-Polymers for Targeting Inflammatory Mechanisms of both the Innate and Adaptive Immune System?. International Journal of Molecular Sciences, 2012, 13, 14579-14605.	4.1	33
36	The connection between metal ion affinity and ligand affinity in integrin I domains. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2007, 1774, 1148-1155.	2.3	32

#	ARTICLE	IF	CITATIONS
37	Monodisperse and LPS-free <i>Aggregatibacter actinomycetemcomitans</i> leukotoxin: Interactions with human β_2 integrins and erythrocytes. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 546-558.	2.3	30
38	Editorial: The Role of Complement in Health and Disease. <i>Frontiers in Immunology</i> , 2019, 10, 1869.	4.8	30
39	X-ray microscopy of human spermatozoa shows change of mitochondrial morphology after capacitation. <i>Human Reproduction</i> , 1999, 14, 880-884.	0.9	28
40	Physiological effects of human growth hormone produced after hydrodynamic gene transfer of a plasmid vector containing the human ubiquitin promoter. <i>Journal of Molecular Medicine</i> , 2002, 80, 665-670.	3.9	28
41	The interleukin-20 receptor axis in early rheumatoid arthritis: novel links between disease-associated autoantibodies and radiographic progression. <i>Arthritis Research and Therapy</i> , 2016, 18, 61.	3.5	26
42	Tail-Vein Injection of Mannan-Binding Lectin DNA Leads to High Expression Levels of Multimeric Protein in Liver. <i>Molecular Therapy</i> , 2001, 3, 867-874.	8.2	25
43	The effect of IgG levels on the number of natural killer cells and their Fc receptors in chronic inflammatory demyelinating polyradiculoneuropathy. <i>European Journal of Neurology</i> , 2011, 18, 919-924.	3.3	25
44	Structural Basis for Simvastatin Competitive Antagonism of Complement Receptor 3. <i>Journal of Biological Chemistry</i> , 2016, 291, 16963-16976.	3.4	25
45	The Immunomodulatory Drug Glatiramer Acetate is Also an Effective Antimicrobial Agent that Kills Gram-negative Bacteria. <i>Scientific Reports</i> , 2017, 7, 15653.	3.3	25
46	Size-Selective Phagocytic Clearance of Fibrillar β -Synuclein through Conformational Activation of Complement Receptor 4. <i>Journal of Immunology</i> , 2020, 204, 1345-1361.	0.8	23
47	Decreased plasma levels of soluble CD18 link leukocyte infiltration with disease activity in spondyloarthritis. <i>Arthritis Research and Therapy</i> , 2014, 16, R42.	3.5	22
48	Low plasma neurofilament light levels associated with raised cortical microglial activation suggest inflammation acts to protect prodromal Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 3.	6.2	22
49	Surface Plasmon Resonance Biosensing in Studies of the Binding Between β_2 Integrin I Domains and Their Ligands. <i>Methods in Molecular Biology</i> , 2011, 757, 55-71.	0.9	22
50	Targets and Mechanisms in Prevention of Parkinson's Disease through Immunomodulatory Treatments. <i>Scandinavian Journal of Immunology</i> , 2017, 85, 321-330.	2.7	21
51	Protein ultrastructure and the nanoscience of complement activation. <i>Advanced Drug Delivery Reviews</i> , 2011, 63, 1008-1019.	13.7	19
52	Interleukin 20 regulates dendritic cell migration and expression of co-stimulatory molecules. <i>Molecular and Cellular Therapies</i> , 2016, 4, 1.	0.2	19
53	Synthesis of Functional Nanomaterials via Colloidal Mask Templating and Glancing Angle Deposition (GLAD). <i>Advanced Engineering Materials</i> , 2010, 12, 899-905.	3.5	18
54	Sialic Acid Residues Are Essential for Cell Lysis Mediated by Leukotoxin from <i>Aggregatibacter actinomycetemcomitans</i> . <i>Infection and Immunity</i> , 2014, 82, 2219-2228.	2.2	18

#	ARTICLE	IF	CITATIONS
55	Nanotoxicity and the importance of being earnest. <i>Advanced Drug Delivery Reviews</i> , 2012, 64, 1661-1662.	13.7	16
56	Immunogenicity of twenty peptides representing epitopes of the hepatitis B core and surface antigens by IFN- γ response in chronic and resolved HBV. <i>BMC Immunology</i> , 2015, 16, 65.	2.2	15
57	The random co-polymer glatiramer acetate rapidly kills primary human leukocytes through sialic-acid-dependent cell membrane damage. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 425-437.	2.6	15
58	Insight on the impacts of free amino acids and their metabolites on the immune system from a perspective of inborn errors of amino acid metabolism. <i>Expert Opinion on Therapeutic Targets</i> , 2017, 21, 611-626.	3.4	15
59	Altered levels of soluble CD18 may associate immune mechanisms with outcome in sepsis. <i>Clinical and Experimental Immunology</i> , 2017, 190, 258-267.	2.6	15
60	Measuring aggregates, self-association, and weak interactions in concentrated therapeutic antibody solutions. <i>MABs</i> , 2020, 12, 1810488.	5.2	14
61	Multiple low-affinity interactions support binding of human osteopontin to integrin $\alpha 5 \beta 1$. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2015, 1854, 930-938.	2.3	13
62	Properties and prospects of adjuvants in influenza vaccination - messy precipitates or blessed opportunities?. <i>Molecular and Cellular Therapies</i> , 2013, 1, 2.	0.2	12
63	Changes in Soluble CD18 in Murine Autoimmune Arthritis and Rheumatoid Arthritis Reflect Disease Establishment and Treatment Response. <i>PLoS ONE</i> , 2016, 11, e0148486.	2.5	12
64	Multimodal Imaging with NanoGd Reveals Spatiotemporal Features of Neuroinflammation after Experimental Stroke. <i>Advanced Science</i> , 2021, 8, e2101433.	11.2	12
65	Interleukin 20 protein locates to distinct mononuclear cells in psoriatic skin. <i>Experimental Dermatology</i> , 2014, 23, 349-351.	2.9	11
66	Ultrahigh-field DCE-MRI of angiogenesis in a novel angiogenesis mouse model. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 35, 703-710.	3.4	10
67	Galectin-3 Decreases 4-1BBL Bioactivity by Crosslinking Soluble and Membrane Expressed 4-1BB. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	9
68	Effect of Polarization on Airway Epithelial Conditioning of Monocyte-Derived Dendritic Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 53, 368-377.	2.9	8
69	Characterization of DNA-protein complexes by nanoparticle tracking analysis and their association with systemic lupus erythematosus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	7
70	Structural insights into the function-modulating effects of antibody binding to the integrin receptor $\alpha 5 \beta 1$. <i>Journal of Biological Chemistry</i> , 2022, 298, 102168.	3.4	7
71	In silico and in vivo analysis of <i>Toxoplasma gondii</i> epitopes by correlating survival data with peptide-MHC-I binding affinities. <i>International Journal of Infectious Diseases</i> , 2016, 48, 14-19.	3.3	6
72	Decreased monocyte shedding of the migration inhibitor soluble CD18 in alcoholic hepatitis. <i>Clinical and Translational Gastroenterology</i> , 2018, 9, e160.	2.5	6

#	ARTICLE	IF	CITATIONS
73	Detection of Soluble CR3 (CD11b/CD18) by Time-Resolved Immunofluorometry. <i>Methods in Molecular Biology</i> , 2014, 1100, 355-364.	0.9	5
74	Inhaled nebulized glatiramer acetate against Gram-negative bacteria is not associated with adverse pulmonary reactions in healthy, young adult female pigs. <i>PLoS ONE</i> , 2019, 14, e0223647.	2.5	5
75	Efficient data acquisition with three-channel centerpieces in sedimentation velocity. <i>Analytical Biochemistry</i> , 2019, 586, 113414.	2.4	5
76	Discovering New Features of Protein Complexes Structures by Small-Angle X-Ray Scattering. <i>Lecture Notes in Physics</i> , 2009, , 231-244.	0.7	5
77	The role of higher-order protein structure in supporting binding by heteroclitic monoclonal antibodies: The monoclonal antibody KIM185 to CD18 also binds C4-binding protein. <i>Molecular Immunology</i> , 2011, 49, 38-47.	2.2	4
78	Accumulation of nano-sized particles in a murine model of angiogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2014, 443, 470-476.	2.1	4
79	Empirical Investigation of Ethical Challenges Related to the Use of Biological Therapies. <i>Journal of Law, Medicine and Ethics</i> , 2020, 48, 567-578.	0.9	4
80	Tumor necrosis factor alpha neutralization attenuates immune checkpoint inhibitor-induced activation of intermediate monocytes in synovial fluid mononuclear cells from patients with inflammatory arthritis. <i>Arthritis Research and Therapy</i> , 2022, 24, 43.	3.5	4
81	Behold Cytometrists: One Block Is Not Enough! <sc>Cyanine&Tandems</sc> Bind <sc>Non&Specifically</sc> to Human Monocytes. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2021, 99, 265-268.	1.5	3
82	Synergistic Activity of Repurposed Peptide Drug Glatiramer Acetate with Tobramycin against Cystic Fibrosis <i>Pseudomonas aeruginosa</i> . <i>Microbiology Spectrum</i> , 2022, 10, .	3.0	3
83	Protein based nanomedicine: Promising therapeutic modalities against inflammatory disorders. <i>Nano Select</i> , 2022, 3, 733-750.	3.7	2
84	P1134 : The leukocyte migration inhibitor soluble CD18 increases with severity of human alcoholic hepatitis. <i>Journal of Hepatology</i> , 2015, 62, S776.	3.7	1
85	The Nanoscience of Polyvalent Binding by Proteins in the Immune Response. <i>Advances in Delivery Science and Technology</i> , 2016, , 53-76.	0.4	1
86	Challenges and Opportunities in Fractionation of Recombinant Human Mannan-Binding Lectin. <i>Methods in Molecular Biology</i> , 2014, 1100, 109-121.	0.9	1
87	Role of Lipoygenases in Pathogenesis of Cancer. , 2016, , 131-157.		1
88	Mannose-binding lectin conjugated to quantum dots as fluorescent nanotools for carbohydrate tracing. <i>Methods and Applications in Fluorescence</i> , 2022, 10, 025002.	2.3	1
89	Immunoassay for detection of oligomeric proteins. <i>Journal of Immunological Methods</i> , 2022, 505, 113277.	1.4	1
90	Coping with complexity (in macromolecular interactions)&”a comment on Rebecca L. Rich's and David G. Myszka's &”Grading the commercial optical biosensor literature&”Class of 2008: &”The Mighty Binders&”™. <i>Journal of Molecular Recognition</i> , 2010, 23, 389-391.	2.1	0

#	ARTICLE	IF	CITATIONS
91	Development of an Airway Epithelium In Vitro Model System. Journal of Allergy and Clinical Immunology, 2012, 129, AB216.	2.9	0
92	AB0109â€¦The soluble form of CD18 is associated with clinical findings, CRP and MRI activity in spondyloarthritis. Annals of the Rheumatic Diseases, 2013, 71, 643.17-643.	0.9	0
93	THU0550â€¦Changes in Soluble CD18 Reflect Latency in Restoration of the Immune System after Early Treatment of Rheumatoid Arthritis. Annals of the Rheumatic Diseases, 2014, 73, 373.1-373.	0.9	0
94	Reply to Shin and Bayry on â€œAn age-related decline of CD62L and vaccine response: a role of microRNA 92a?â€œ. Human Vaccines and Immunotherapeutics, 2014, 10, 1406-1407.	3.3	0
95	SAT0003â€¦The IL-20 Receptor Axis in Early Rheumatoid Arthritis: Novel Inflammation-Independent Links Between Rheumatoid Arthritis-Associated Autoantibodies and Radiographic Progression. Annals of the Rheumatic Diseases, 2015, 74, 650.3-651.	0.9	0
96	Wrong Resemblance? Role of the Immune System in the Biocompatibility of Nanostructured Materials. , 2021, , 307-333.		0
97	Chapter 9. Personal Accounts of the Discovery of MASP-2 and its Role in the MBL Pathway of Complement Activation. , 2008, , 129-146.		0
98	Modulation of Natural Killer Cells by Therapeutic Antibody Preparations.. Blood, 2009, 114, 3680-3680.	1.4	0
99	OP0130â€¦IN VITRO CHARACTERIZATION OF INFLAMMATORY ARTHRITIS ASSOCIATED WITH IMMUNE CHECK POINT INHIBITION. Annals of the Rheumatic Diseases, 2020, 79, 85.1-85.	0.9	0
100	Nanoscience of Large Immune Proteins. , 2020, , 14-1-14-11.		0
101	Title is missing!. , 2019, 14, e0223647.		0
102	Title is missing!. , 2019, 14, e0223647.		0
103	Title is missing!. , 2019, 14, e0223647.		0
104	Title is missing!. , 2019, 14, e0223647.		0