

# Oliver Pabst

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

120  
papers

8,905  
citations

46  
h-index

93  
g-index

121  
ext. papers

10,215  
ext. citations

9.9  
avg, IF

6.28  
L-index

#	Paper	IF	Citations
120	Allergic diseases in infancy II-oral tolerance and its failure. <i>World Allergy Organization Journal</i> , <b>2021</b> , 14, 100586	5.2	0
119	Allergic diseases in infancy: I - Epidemiology and current interpretation. <i>World Allergy Organization Journal</i> , <b>2021</b> , 14, 100591	5.2	0
118	Secretory IgA: controlling the gut microbiota. <i>Nature Reviews Gastroenterology and Hepatology</i> , <b>2021</b> ,	24.2	2
117	The oxysterol receptor GPR183 in inflammatory bowel diseases. <i>British Journal of Pharmacology</i> , <b>2021</b> , 178, 3140-3156	8.6	1
116	The immune landscape of IgA induction in the gut. <i>Seminars in Immunopathology</i> , <b>2021</b> , 43, 627-637	12	0
115	Cognate recognition of microbial antigens defines constricted CD4 T cell receptor repertoires in the inflamed colon. <i>Immunity</i> , <b>2021</b> , 54, 2565-2577.e6	32.3	1
114	IgA and the intestinal microbiota: the importance of being specific. <i>Mucosal Immunology</i> , <b>2020</b> , 13, 12-219.2	129	129
113	Robo4 contributes to the turnover of Peyer's patch B cells. <i>Mucosal Immunology</i> , <b>2020</b> , 13, 245-256	9.2	0
112	High microbiota reactivity of adult human intestinal IgA requires somatic mutations. <i>Journal of Experimental Medicine</i> , <b>2020</b> , 217,	16.6	24
111	A Model System for Feralizing Laboratory Mice in Large Farmyard-Like Pens. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 615661	5.7	4
110	Broad IgG repertoire in patients with chronic rhinosinusitis with nasal polyps regulates proinflammatory IgE responses. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 143, 2086-2094.e2	11.5	17
109	Cleaver-1 contributes to lymphocyte entry into the spleen via the red pulp. <i>Science Immunology</i> , <b>2019</b> , 4,	28	9
108	Inflammation triggers immediate rather than progressive changes in monocyte differentiation in the small intestine. <i>Nature Communications</i> , <b>2019</b> , 10, 3229	17.4	35
107	The Compromised Mucosal Immune System of $\beta$ Integrin-Deficient Mice Has Only Minor Effects on the Fecal Microbiota in Homeostasis. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 2284	5.7	5
106	Intestinal development and homeostasis require activation and apoptosis of diet-reactive T cells. <i>Journal of Clinical Investigation</i> , <b>2019</b> , 129, 1972-1983	15.9	11
105	The EB12-oxysterol axis promotes the development of intestinal lymphoid structures and colitis. <i>Mucosal Immunology</i> , <b>2019</b> , 12, 733-745	9.2	23
104	Subcellular antigen localization in commensal E. coli is critical for T cell activation and induction of specific tolerance. <i>Mucosal Immunology</i> , <b>2019</b> , 12, 97-107	9.2	4

103 Microbiome and Gut Immunity: B Cells **2018**, 141-150

102 Lymph node and CD8 T cells share migratory properties. *Scientific Reports*, **2018**, 8, 8986

4.9 7

101 Induced B Cell Development in Adult Mice. *Frontiers in Immunology*, **2018**, 9, 2483

8.4

100 Neonatally imprinted stromal cell subsets induce tolerogenic dendritic cells in mesenteric lymph nodes. *Nature Communications*, **2018**, 9, 3903

17.4 36

99 Correlation, consequence, and functionality in microbiome-immune interplay. *Immunological Reviews*, **2017**, 279, 4-7

11.3 11

98 Mdr1 Saves T Cells from Bile. *Immunity*, **2017**, 47, 1016-1018

32.3 2

97 VH1 Family Immunoglobulin Repertoire Sequencing after Allogeneic Hematopoietic Stem Cell Transplantation. *PLoS ONE*, **2017**, 12, e0168096

3.7 5

96 The necroptosis-inducing kinase RIPK3 dampens adipose tissue inflammation and glucose intolerance. *Nature Communications*, **2016**, 7, 11869

17.4 43

95 Persistence of the IgE repertoire in birch pollen allergy. *Journal of Allergy and Clinical Immunology*, **2016**, 137, 1884-1887.e8

11.5 7

94 Analysis of factors contributing to variation in the C57BL/6J fecal microbiota across German animal facilities. *International Journal of Medical Microbiology*, **2016**, 306, 343-355

3.7 97

93 Real friends: Faecalibacterium prausnitzii supports mucosal immune homeostasis. *Gut*, **2016**, 65, 365-7

19.2 16

92 Reply. *Hepatology*, **2016**, 64, 304-5

11.2

91 Secretory IgA in the Coordination of Establishment and Maintenance of the Microbiota. *Trends in Immunology*, **2016**, 37, 287-296

14.4 111

90 Diversification of memory B cells drives the continuous adaptation of secretory antibodies to gut microbiota. *Nature Immunology*, **2015**, 16, 880-8

19.1 138

89 The serotonin receptor 5-HT<sub>2B</sub> regulates the morphology and migratory properties of dendritic cells. *Journal of Cell Science*, **2015**, 128, 2866-80

5.3 28

88 Active suppression of intestinal CD4(+)TCR(+) T-lymphocyte maturation during the postnatal period. *Nature Communications*, **2015**, 6, 7725

17.4 42

87 BALB/c and C57BL/6 Mice Differ in Polyreactive IgA Abundance, which Impacts the Generation of Antigen-Specific IgA and Microbiota Diversity. *Immunity*, **2015**, 43, 527-40

32.3 188

86 Differential Effects of Gut-Homing Molecules CC Chemokine Receptor 9 and Integrin- $\alpha$  during Acute Graft-versus-Host Disease of the Liver. *Biology of Blood and Marrow Transplantation*, **2015**, 21, 2069-2078

4.7 3

85	Multicongenic fate mapping quantification of dynamics of thymus colonization. <i>Journal of Experimental Medicine</i> , <b>2015</b> , 212, 1589-601	16.6	17
84	Localization of dendritic cells in the gut epithelium requires MAdCAM-1. <i>Clinical Immunology</i> , <b>2015</b> , 156, 74-84	9	24
83	Old questions, new tools: does next-generation sequencing hold the key to unraveling intestinal B-cell responses?. <i>Mucosal Immunology</i> , <b>2015</b> , 8, 29-37	9.2	6
82	CX3CR1 is a gatekeeper for intestinal barrier integrity in mice: Limiting steatohepatitis by maintaining intestinal homeostasis. <i>Hepatology</i> , <b>2015</b> , 62, 1405-16	11.2	61
81	The Extracellular Domains of IgG1 and T Cell-Derived IL-4/IL-13 Are Critical for the Polyclonal Memory IgE Response In Vivo. <i>PLoS Biology</i> , <b>2015</b> , 13, e1002290	9.7	29
80	Mechanisms of Oral Tolerance to Soluble Protein Antigens <b>2015</b> , 831-848		1
79	Resident CD4+ T cells accumulate in lymphoid organs after prolonged antigen exposure. <i>Nature Communications</i> , <b>2014</b> , 5, 4821	17.4	46
78	Gut microbiota: a natural adjuvant for vaccination. <i>Immunity</i> , <b>2014</b> , 41, 349-351	32.3	25
77	Indigenous enteric eosinophils control DCs to initiate a primary Th2 immune response in vivo. <i>Journal of Experimental Medicine</i> , <b>2014</b> , 211, 1657-72	16.6	95
76	Carbonic anhydrase IV is expressed on IL-5-activated murine eosinophils. <i>Journal of Immunology</i> , <b>2014</b> , 192, 5481-9	5.3	13
75	Hypertrophy of infected Peyer's patches arises from global, interferon-receptor, and CD69-independent shutdown of lymphocyte egress. <i>Mucosal Immunology</i> , <b>2014</b> , 7, 892-904	9.2	21
74	Independent bottlenecks characterize colonization of systemic compartments and gut lymphoid tissue by salmonella. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1004270	7.6	38
73	The complement C3a receptor is critical in defense against <i>Chlamydia psittaci</i> in mouse lung infection and required for antibody and optimal T cell response. <i>Journal of Infectious Diseases</i> , <b>2014</b> , 209, 1269-78	7	33
72	Serotonin 5-HT7 receptor is critically involved in acute and chronic inflammation of the gastrointestinal tract. <i>Inflammatory Bowel Diseases</i> , <b>2014</b> , 20, 1516-29	4.5	45
71	The intestinal micro-environment imprints stromal cells to promote efficient Treg induction in gut-draining lymph nodes. <i>Mucosal Immunology</i> , <b>2014</b> , 7, 359-68	9.2	61
70	B-1-cell subpopulations contribute differently to gut immunity. <i>European Journal of Immunology</i> , <b>2013</b> , 43, 2023-32	6.1	18
69	THOC5, a member of the mRNA export complex, contributes to processing of a subset of wingless/integrated (Wnt) target mRNAs and integrity of the gut epithelial barrier. <i>BMC Cell Biology</i> , <b>2013</b> , 14, 51		15
68	Orale Toleranz bei der Maus als Lehrstück für orale Immuntherapie beim Menschen?. <i>Allergo Journal</i> , <b>2013</b> , 22, 312-316	0	

67	Trafficking of regulatory T cells in the intestinal immune system. <i>International Immunology</i> , <b>2013</b> , 25, 139-43	4.9	16
66	Antigen sampling in the small intestine. <i>Trends in Immunology</i> , <b>2013</b> , 34, 155-61	14.4	111
65	On the road to tolerance--generation and migration of gut regulatory T cells. <i>European Journal of Immunology</i> , <b>2013</b> , 43, 1422-5	6.1	11
64	New concepts in the generation and functions of IgA. <i>Nature Reviews Immunology</i> , <b>2012</b> , 12, 821-32	36.5	410
63	The pan-B cell marker CD22 is expressed on gastrointestinal eosinophils and negatively regulates tissue eosinophilia. <i>Journal of Immunology</i> , <b>2012</b> , 188, 1075-82	5.3	38
62	$\alpha$ integrin controls immunogenic and tolerogenic mucosal B cell responses. <i>Clinical Immunology</i> , <b>2012</b> , 144, 87-97	9	15
61	Age-dependent TLR3 expression of the intestinal epithelium contributes to rotavirus susceptibility. <i>PLoS Pathogens</i> , <b>2012</b> , 8, e1002670	7.6	112
60	Age, microbiota, and T cells shape diverse individual IgA repertoires in the intestine. <i>Journal of Experimental Medicine</i> , <b>2012</b> , 209, 365-77	16.6	162
59	Oral tolerance to food protein. <i>Mucosal Immunology</i> , <b>2012</b> , 5, 232-9	9.2	442
58	Adaptive immune response to model antigens is impaired in murine leukocyte-adhesion deficiency-1 revealing elevated activation thresholds in vivo. <i>Clinical and Developmental Immunology</i> , <b>2012</b> , 2012, 450738		5
57	Shift of graft-versus-host-disease target organ tropism by dietary vitamin A. <i>PLoS ONE</i> , <b>2012</b> , 7, e38252	3.7	20
56	Lymph node T cell homeostasis relies on steady state homing of dendritic cells. <i>Immunity</i> , <b>2011</b> , 35, 945-57	57.3	84
55	Intestinal tolerance requires gut homing and expansion of FoxP3+ regulatory T cells in the lamina propria. <i>Immunity</i> , <b>2011</b> , 34, 237-46	32.3	628
54	Dissemination of persistent intestinal bacteria via the mesenteric lymph nodes causes typhoid relapse. <i>Infection and Immunity</i> , <b>2011</b> , 79, 1479-88	3.7	45
53	Retinoic acid induces homing of protective T and B cells to the gut after subcutaneous immunization in mice. <i>Journal of Clinical Investigation</i> , <b>2011</b> , 121, 3051-61	15.9	106
52	Cryptopatches and Isolated Lymphoid Follicles: Aspects of Development, Homeostasis and Function <b>2011</b> , 107-117		4
51	Enhancement of intestinal inflammation in mice lacking interleukin 10 by deletion of the serotonin reuptake transporter. <i>Neurogastroenterology and Motility</i> , <b>2010</b> , 22, 826-34, e229	4	55
50	ADAP deficiency combined with costimulation blockade synergistically protects intestinal allografts. <i>Transplant International</i> , <b>2010</b> , 23, 71-9	3	7

49	p38 MAP kinase and MAPKAP kinases MK2/3 cooperatively phosphorylate epithelial keratins. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 33242-33251	5.4	22
48	Redistribution of sphingosine 1-phosphate by sphingosine kinase 2 contributes to lymphopenia. <i>Journal of Immunology</i> , <b>2010</b> , 184, 4133-42	5.3	63
47	The origin and maturity of dendritic cells determine the pattern of sphingosine 1-phosphate receptors expressed and required for efficient migration. <i>Journal of Immunology</i> , <b>2010</b> , 185, 4072-81	5.3	53
46	Chemokine receptor 7 knockout attenuates atherosclerotic plaque development. <i>Circulation</i> , <b>2010</b> , 122, 1621-8	16.7	64
45	The puzzle of intestinal lamina propria dendritic cells and macrophages. <i>European Journal of Immunology</i> , <b>2010</b> , 40, 2107-11	6.1	68
44	Intestinal CD103+, but not CX3CR1+, antigen sampling cells migrate in lymph and serve classical dendritic cell functions. <i>Journal of Experimental Medicine</i> , <b>2009</b> , 206, 3101-14	16.6	536
43	Common gamma-chain-dependent signals confer selective survival of eosinophils in the murine small intestine. <i>Journal of Immunology</i> , <b>2009</b> , 183, 5600-7	5.3	82
42	Chemokine receptor CXCR5 supports solitary intestinal lymphoid tissue formation, B cell homing, and induction of intestinal IgA responses. <i>Journal of Immunology</i> , <b>2009</b> , 182, 2610-9	5.3	54
41	Role of serotonin in intestinal inflammation: knockout of serotonin reuptake transporter exacerbates 2,4,6-trinitrobenzene sulfonic acid colitis in mice. <i>American Journal of Physiology - Renal Physiology</i> , <b>2009</b> , 296, G685-95	5.1	138
40	Mesenteric lymph nodes confine dendritic cell-mediated dissemination of <i>Salmonella enterica</i> serovar Typhimurium and limit systemic disease in mice. <i>Infection and Immunity</i> , <b>2009</b> , 77, 3170-80	3.7	88
39	Mesenteric lymph node stroma cells in the generation of intestinal immune responses. <i>Journal of Molecular Medicine</i> , <b>2009</b> , 87, 945-51	5.5	15
38	Mucosal addressin cell-adhesion molecule-1 controls plasma-cell migration and function in the small intestine of mice. <i>Gastroenterology</i> , <b>2009</b> , 137, 924-33	13.3	32
37	The hnRNP and cytoskeletal protein raver1 contributes to synaptic plasticity. <i>Experimental Cell Research</i> , <b>2008</b> , 314, 1048-60	4.2	11
36	Homeostatic chemokines in development, plasticity, and functional organization of the intestinal immune system. <i>Seminars in Immunology</i> , <b>2008</b> , 20, 171-80	10.7	21
35	Stromal mesenteric lymph node cells are essential for the generation of gut-homing T cells in vivo. <i>Journal of Experimental Medicine</i> , <b>2008</b> , 205, 2483-90	16.6	252
34	Stromal cells confer lymph node-specific properties by shaping a unique microenvironment influencing local immune responses. <i>Journal of Immunology</i> , <b>2008</b> , 181, 1898-907	5.3	53
33	Differential molecular and anatomical basis for B cell migration into the peritoneal cavity and omental milky spots. <i>Journal of Immunology</i> , <b>2008</b> , 180, 2196-203	5.3	52
32	Small intestinal CD103+ dendritic cells display unique functional properties that are conserved between mice and humans. <i>Journal of Experimental Medicine</i> , <b>2008</b> , 205, 2139-49	16.6	487

31	Dynamics and function of solitary intestinal lymphoid tissue. <i>Critical Reviews in Immunology</i> , <b>2008</b> , 28, 1-13	1.8	21
30	IkappaBalph is required for marginal zone B cell lineage development. <i>European Journal of Immunology</i> , <b>2008</b> , 38, 2096-105	6.1	3
29	The adhesion receptor CD155 determines the magnitude of humoral immune responses against orally ingested antigens. <i>European Journal of Immunology</i> , <b>2007</b> , 37, 2214-25	6.1	48
28	The thymus is required for the ability of FTY720 to prolong skin allograft survival across different histocompatibility MHC barriers. <i>Transplant International</i> , <b>2007</b> , 20, 895-903	3	9
27	The impact of cell-bound antigen transport on mucosal tolerance induction. <i>Journal of Leukocyte Biology</i> , <b>2007</b> , 82, 795-800	6.5	26
26	CCR9 is a homing receptor for plasmacytoid dendritic cells to the small intestine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 6347-52	11.5	185
25	Solitary intestinal lymphoid tissue provides a productive port of entry for Salmonella enterica serovar Typhimurium. <i>Infection and Immunity</i> , <b>2007</b> , 75, 1577-85	3.7	45
24	Inactivation of T-cell receptor-mediated integrin activation prolongs allograft survival in ADAP-deficient mice. <i>Transplantation</i> , <b>2007</b> , 84, 400-6	1.8	11
23	The peritoneal micromilieu commits B cells to home to body cavities and the small intestine. <i>Blood</i> , <b>2007</b> , 109, 4627-34	2.2	54
22	Induction of tolerance to innocuous inhaled antigen relies on a CCR7-dependent dendritic cell-mediated antigen transport to the bronchial lymph node. <i>Journal of Immunology</i> , <b>2006</b> , 177, 7346-54	5.3	167
21	Enhanced FTY720-mediated lymphocyte homing requires G alpha i signaling and depends on beta 2 and beta 7 integrin. <i>Journal of Immunology</i> , <b>2006</b> , 176, 1474-80	5.3	20
20	Oral tolerance originates in the intestinal immune system and relies on antigen carriage by dendritic cells. <i>Journal of Experimental Medicine</i> , <b>2006</b> , 203, 519-27	16.6	533
19	Adaptation of solitary intestinal lymphoid tissue in response to microbiota and chemokine receptor CCR7 signaling. <i>Journal of Immunology</i> , <b>2006</b> , 177, 6824-32	5.3	122
18	Control of intestinal allograft rejection by FTY720 and costimulation blockade. <i>Transplantation Proceedings</i> , <b>2005</b> , 37, 114-5	1.1	4
17	Protection of mouse small bowel allografts by FTY720 and costimulation blockade. <i>Transplantation</i> , <b>2005</b> , 79, 1703-10	1.8	12
16	Cryptopatches and isolated lymphoid follicles: dynamic lymphoid tissues dispensable for the generation of intraepithelial lymphocytes. <i>European Journal of Immunology</i> , <b>2005</b> , 35, 98-107	6.1	145
15	Functional specialization of gut CD103+ dendritic cells in the regulation of tissue-selective T cell homing. <i>Journal of Experimental Medicine</i> , <b>2005</b> , 202, 1063-73	16.6	554
14	Cutting edge: egress of newly generated plasma cells from peripheral lymph nodes depends on beta 2 integrin. <i>Journal of Immunology</i> , <b>2005</b> , 174, 7492-5	5.3	34

13	Chemokine receptor CCR9 contributes to the localization of plasma cells to the small intestine. <i>Journal of Experimental Medicine</i> , <b>2004</b> , 199, 411-6	16.6	180
12	Elucidating the functional anatomy of secondary lymphoid organs. <i>Current Opinion in Immunology</i> , <b>2004</b> , 16, 394-9	7.8	11
11	Thymic T cell development and progenitor localization depend on CCR7. <i>Journal of Experimental Medicine</i> , <b>2004</b> , 200, 481-91	16.6	166
10	Chemokines as organizers of primary and secondary lymphoid organs. <i>Seminars in Immunology</i> , <b>2003</b> , 15, 249-55	10.7	31
9	Cooperating mechanisms of CXCR5 and CCR7 in development and organization of secondary lymphoid organs. <i>Journal of Experimental Medicine</i> , <b>2003</b> , 197, 1199-204	16.6	156
8	Targeted disruption of the homeobox gene Nkx2.9 reveals a role in development of the spinal accessory nerve. <i>Development (Cambridge)</i> , <b>2003</b> , 130, 1193-202	6.6	44
7	Transcription factors Nkx3.1 and Nkx3.2 (Bapx1) play an overlapping role in sclerotomal development of the mouse. <i>Mechanisms of Development</i> , <b>2002</b> , 117, 217-24	1.7	42
6	NKX2.3 is required for MAdCAM-1 expression and homing of lymphocytes in spleen and mucosa-associated lymphoid tissue. <i>EMBO Journal</i> , <b>2000</b> , 19, 2015-23	13	74
5	NKX2 gene expression in neuroectoderm but not in mesendodermally derived structures depends on sonic hedgehog in mouse embryos. <i>Development Genes and Evolution</i> , <b>2000</b> , 210, 47-50	1.8	76
4	Chicken winged-helix transcription factor cFKH-1 prefigures axial and appendicular skeletal structures during chicken embryogenesis. <i>Developmental Dynamics</i> , <b>1998</b> , 212, 94-101	2.9	21
3	Nkx2-9 is a novel homeobox transcription factor which demarcates ventral domains in the developing mouse CNS. <i>Mechanisms of Development</i> , <b>1998</b> , 73, 85-93	1.7	65
2	The mouse Nkx2-3 homeodomain gene is expressed in gut mesenchyme during pre- and postnatal mouse development. <i>Developmental Dynamics</i> , <b>1997</b> , 209, 29-35	2.9	56
1	Chick NKx-2.3 represents a novel family member of vertebrate homologues to the Drosophila homeobox gene tinman: differential expression of cNKx-2.3 and cNKx-2.5 during heart and gut development. <i>Mechanisms of Development</i> , <b>1996</b> , 56, 151-63	1.7	81