

# Edgar Schmitt

## List of Publications by Year in descending order

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55  
papers

8,568  
citations

94269

37  
h-index

118652

62  
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67  
all docs

67  
docs citations

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times ranked

8280  
citing authors

#	ARTICLE	IF	CITATIONS
1	In Activated Murine Mast Cells, NFATc2 Is Critical for the Production of Autocrine IL-3, Thereby Promoting the Expression of IL-9. <i>Journal of Immunology</i> , 2021, 206, 67-76.	0.4	4
2	The Development of Vaccines from Synthetic Tumor-Associated Mucin Glycopeptides and their Glycosylation-Dependent Immune Response. <i>Chemical Record</i> , 2021, 21, 3313-3331.	2.9	13
3	Evaluation of a novel monoclonal antibody against tumor-associated MUC1 for diagnosis and prognosis of breast cancer. <i>International Journal of Medical Sciences</i> , 2019, 16, 1188-1198.	1.1	19
4	Reduced Breast Tumor Growth after Immunization with a Tumor-Restricted MUC1 Glycopeptide Conjugated to Tetanus Toxoid. <i>Cancer Immunology Research</i> , 2019, 7, 113-122.	1.6	29
5	Mannose-Decorated Multicomponent Supramolecular Polymers Trigger Effective Uptake into Antigen-Presenting Cells. <i>ChemBioChem</i> , 2018, 19, 912-916.	1.3	33
6	Synthetic MUC1 Antitumor Vaccine with Incorporated 2,3-Sialylated Carbohydrate Antigen Inducing Strong Immune Responses with Isotype Specificity. <i>ChemBioChem</i> , 2018, 19, 1142-1146.	1.3	13
7	A Synthetic MUC1 Anticancer Vaccine Containing Mannose Ligands for Targeting Macrophages and Dendritic Cells. <i>ChemMedChem</i> , 2018, 13, 25-29.	1.6	45
8	Tumor immunoevasion via acidosis-dependent induction of regulatory tumor-associated macrophages. <i>Nature Immunology</i> , 2018, 19, 1319-1329.	7.0	274
9	Immunogenicity of a Fully Synthetic MUC1 Glycopeptide Antitumor Vaccine Enhanced by Poly(I:C) as a TLR3-Activating Adjuvant. <i>ChemMedChem</i> , 2017, 12, 722-727.	1.6	21
10	Discovery and initial characterization of Th9 cells: the early years. <i>Seminars in Immunopathology</i> , 2017, 39, 5-10.	2.8	20
11	Microarray Analysis of Antibodies Induced with Synthetic Antitumor Vaccines: Specificity against Diverse Mucin Core Structures. <i>Chemistry - A European Journal</i> , 2017, 23, 3875-3884.	1.7	28
12	Immunization with a Synthetic Human MUC1 Glycopeptide Vaccine against Tumor-Associated MUC1 Breaks Tolerance in Human MUC1 Transgenic Mice. <i>ChemMedChem</i> , 2017, 12, 1424-1428.	1.6	24
13	Combined B, T and NK Cell Deficiency Accelerates Atherosclerosis in BALB/c Mice. <i>PLoS ONE</i> , 2016, 11, e0157311.	1.1	4
14	Ein durch eine synthetische Glycopeptid-Vakzine induzierter monoklonaler Antikörper unterscheidet normale von malignen Brustzellen und ermöglicht die Diagnose von humanen Pankreaskarzinomen. <i>Angewandte Chemie</i> , 2016, 128, 2944-2949.	1.6	12
15	A Synthetic Glycopeptide Vaccine for the Induction of a Monoclonal Antibody that Differentiates between Normal and Tumor Mammary Cells and Enables the Diagnosis of Human Pancreatic Cancer. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2894-2898.	7.2	53
16	Glycopeptide-functionalized gold nanoparticles for antibody induction against the tumor associated mucin-1 glycoprotein. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 1132-1135.	1.4	46
17	Synthesis and biological evaluation of a novel MUC1 glycopeptide conjugate vaccine candidate comprising a 4 <sup>TM</sup> -deoxy-4 <sup>TM</sup> -fluoro-Thomsen-Friedenreich epitope. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 155-161.	1.3	38
18	CpG-Loaded Multifunctional Cationic Nanohydrogel Particles as Self-Adjuvanting Glycopeptide Antitumor Vaccines. <i>Advanced Healthcare Materials</i> , 2015, 4, 522-527.	3.9	46

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19	Antibody Induction Directed against the Tumor-Associated MUC4 Glycoprotein. <i>ChemBioChem</i> , 2015, 16, 959-967.	1.3	21
20	Tick Salivary Sialostatin L Represses the Initiation of Immune Responses by Targeting IRF4-Dependent Transcription in Murine Mast Cells. <i>Journal of Immunology</i> , 2015, 195, 621-631.	0.4	35
21	The role of recent thymic emigrant-regulatory T-cell (RTE-Treg) differentiation during pregnancy. <i>Immunology and Cell Biology</i> , 2015, 93, 858-867.	1.0	32
22	A Fully Synthetic Four-Component Antitumor Vaccine Consisting of a Mucin Glycopeptide Antigen Combined with Three Different T-Helper-Cell Epitopes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 14245-14249.	7.2	57
23	A Fully Synthetic Glycopeptide Antitumor Vaccine Based on Multiple Antigen Presentation on a Hyperbranched Polymer. <i>Chemistry - A European Journal</i> , 2014, 20, 4232-4236.	1.7	41
24	Nitric oxide enhances Th9 cell differentiation and airway inflammation. <i>Nature Communications</i> , 2014, 5, 4575.	5.8	59
25	Water-Soluble Polymers Coupled with Glycopeptide Antigens and T-Cell Epitopes as Potential Antitumor Vaccines. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10652-10656.	7.2	83
26	The Tick Salivary Protein Sialostatin L Inhibits the Th9-Derived Production of the Asthma-Promoting Cytokine IL-9 and Is Effective in the Prevention of Experimental Asthma. <i>Journal of Immunology</i> , 2012, 188, 2669-2676.	0.4	68
27	From interleukin-9 to T helper 9 cells. <i>Annals of the New York Academy of Sciences</i> , 2012, 1247, 56-68.	1.8	91
28	Amazing IL-9: revealing a new function for an "old" cytokine. <i>Journal of Clinical Investigation</i> , 2012, 122, 3857-3859.	3.9	23
29	Synthetic Antitumor Vaccines Containing MUC1 Glycopeptides with Two Immunodominant Domains-Induction of a Strong Immune Response against Breast Tumor Tissues. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9977-9981.	7.2	90
30	Fully Synthetic Vaccines Consisting of Tumor-Associated MUC1 Glycopeptides and a Lipopeptide Ligand of the Toll-Like Receptor-2. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3688-3692.	7.2	114
31	Synthetic Antitumor Vaccines from Tetanus Toxoid Conjugates of MUC1 Glycopeptides with the Thomsen-Friedenreich Antigen and a Fluorine-Substituted Analogue. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8498-8503.	7.2	136
32	Interferon-Regulatory Factor 4 Is Essential for the Developmental Program of T Helper 9 Cells. <i>Immunity</i> , 2010, 33, 192-202.	6.6	465
33	A Synthetic Vaccine Consisting of a Tumor-Associated Sialyl-N-MUC1 Tandem-Repeat Glycopeptide and Tetanus Toxoid: Induction of a Strong and Highly Selective Immune Response. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7551-7555.	7.2	135
34	Tumor-Associated MUC1 Tandem-Repeat Glycopeptide Microarrays to Evaluate Serum- and Monoclonal-Antibody Specificity. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8263-8267.	7.2	58
35	Synthetic Vaccines Consisting of Tumor-Associated MUC1 Glycopeptide Antigens and a T-Cell Epitope for the Induction of a Highly Specific Humoral Immune Response. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 7551-7556.	7.2	105
36	p38 MAP kinase drives the expression of mast cell-derived IL-9 via activation of the transcription factor GATA-1. <i>Molecular Immunology</i> , 2007, 44, 926-933.	1.0	33

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37	Activation of Mast Cells by Streptolysin O and Lipopolysaccharide. , 2006, 315, 393-404.		18
38	Specific and Redundant Roles for NFAT Transcription Factors in the Expression of Mast Cell-Derived Cytokines. Journal of Immunology, 2006, 177, 6667-6674.	0.4	92
39	A Fully Synthetic Vaccine Consisting of a Tumor-Associated Glycopeptide Antigen and a T-Cell Epitope for the Induction of a Highly Specific Humoral Immune Response. Angewandte Chemie - International Edition, 2005, 44, 7630-7635.	7.2	130
40	Treatment of Allergic Airway Inflammation and Hyperresponsiveness by Antisense-Induced Local Blockade of Gata-3 Expression. Journal of Experimental Medicine, 2001, 193, 1247-1260.	4.2	238
41	Identification and Functional Characterization of Human Cd4+Cd25+ T Cells with Regulatory Properties Isolated from Peripheral Blood. Journal of Experimental Medicine, 2001, 193, 1285-1294.	4.2	1,114
42	IL-9 and IL-13 Production by Activated Mast Cells Is Strongly Enhanced in the Presence of Lipopolysaccharide: NF- $\kappa$ B Is Decisively Involved in the Expression of IL-9. Journal of Immunology, 2001, 166, 4391-4398.	0.4	137
43	H2-M, a facilitator of MHC class II peptide loading, and its negative modulator H2-O are differentially expressed in response to proinflammatory cytokines. Immunogenetics, 2000, 51, 794-804.	1.2	15
44	Murine Bone Marrow-Derived Mast Cells as Potent Producers of IL-9: Costimulatory Function of IL-10 and $\chi$ 1 Ligand in the Presence of IL-1. Journal of Immunology, 2000, 164, 5549-5555.	0.4	106
45	In Activated Mast Cells, IL-1 Up-Regulates the Production of Several Th2-Related Cytokines Including IL-9. Journal of Immunology, 2000, 164, 5556-5563.	0.4	133
46	Induction of Interleukin 10-Producing, Nonproliferating Cd4+ T Cells with Regulatory Properties by Repetitive Stimulation with Allogeneic Immature Human Dendritic Cells. Journal of Experimental Medicine, 2000, 192, 1213-1222.	4.2	1,425
47	Production of functional IL-18 by different subtypes of murine and human dendritic cells (DC): DC-derived IL-18 enhances IL-12-dependent Th1 development. European Journal of Immunology, 1998, 28, 3231-3239.	1.6	274
48	Production of functional IL-18 by different subtypes of murine and human dendritic cells (DC): DC-derived IL-18 enhances IL-12-dependent Th1 development. , 1998, 28, 3231.		1
49	Production of functional IL-18 by different subtypes of murine and human dendritic cells (DC): DC-derived IL-18 enhances IL-12-dependent Th1 development. , 1998, 28, 3231.		3
50	Pro-inflammatory cytokines and prostaglandins induce maturation of potent immunostimulatory dendritic cells under fetal calf serum-free conditions. European Journal of Immunology, 1997, 27, 3135-3142.	1.6	1,087
51	Tolerance towards resident intestinal flora in mice is abrogated in experimental colitis and restored by treatment with interleukin-10 or antibodies to interleukin-12. European Journal of Immunology, 1996, 26, 934-938.	1.6	350
52	Interleukin-12 profoundly up-regulates the synthesis of antigen-specific complement-fixing IgG2a, IgG2b and IgG3 antibody subclasses in vivo. European Journal of Immunology, 1995, 25, 823-829.	1.6	331
53	Mast cell growth-enhancing activity (MEA) is structurally related and functionally identical to the novel mouse T cell growth factor P40/TCGFIII (interleukin 9). European Journal of Immunology, 1990, 20, 1413-1416.	1.6	282
54	Establishment of different T cell sublines using either interleukin 2 or interleukin 4 as growth factors. European Journal of Immunology, 1990, 20, 1709-1715.	1.6	52

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55	Tcgfiii/p40 is produced by naive murine cd4+ t cells but is not a general t cell growth factor*. European Journal of Immunology, 1989, 19, 2167-2170.	1.6	110