Fabian KÃ¤sermann

List of Publications by Year
in descending order

32 papers	1,062 citations	471509 17 h-index	526287 27 g-index
33 all docs	33 docs citations	33 times ranked	1283 citing authors

#	Article	IF	Citations
1	Therapeutic Effect of IVIG on Inflammatory Arthritis in Mice Is Dependent on the Fc Portion and Independent of Sialylation or Basophils. Journal of Immunology, 2014, 192, 5031-5038.	0.8	116
2	Analysis and Functional Consequences of Increased Fab-Sialylation of Intravenous Immunoglobulin (IVIG) after Lectin Fractionation. PLoS ONE, 2012, 7, e37243.	2.5	108
3	Sialylationâ€independent mechanism involved in the amelioration of murine immune thrombocytopenia using intravenous gammaglobulin. Transfusion, 2012, 52, 1799-1805.	1.6	105
4	Next-generation Fc receptorâ€“targeting biologics for autoimmune diseases. Autoimmunity Reviews, 2019, 18, 102366.	5.8	104
5	IVIG pluripotency and the concept of Fc-sialylation: challenges to the scientist. Nature Reviews Immunology, 2014, 14, 349-349.	22.7	68
6	Buckminsterfullerene and photodynamic inactivation of viruses. , 1998, 8, 143-151.		61
7	IVIG in autoimmune disease â€" Potential next generation biologics. Autoimmunity Reviews, 2016, 15, 781-785.	5.8	59
8	Contrasting mechanisms of interferon-Î± inhibition by intravenous immunoglobulin after induction by immune complexes versus Toll-like receptor agonists. Arthritis and Rheumatism, 2013, 65, n/a-n/a.	6.7	50
9	Sialylation may be dispensable for reciprocal modulation of helper T cells by intravenous immunoglobulin. European Journal of Immunology, 2014, 44, 2059-2063.	2.9	43
10	IVIG regulates the survival of human but not mouse neutrophils. Scientific Reports, 2017, 7, 1296.	3.3	38
11	Sodium hydroxide renders the prion protein PrPSc sensitive to proteinase K. Journal of General Virology, 2003, 84, 3173-3176.	2.9	37
12	Topical application of nebulized human IgG, IgA and IgAM in the lungs of rats and non-human primates. Respiratory Research, 2019, 20, 99.	3.6	37
13	IVIg attenuates complement and improves spinal cord injury outcomes in mice. Annals of Clinical and Translational Neurology, 2016, 3, 495-511.	3.7	31
14	rIgG1 Fc Hexamer Inhibits Antibody-Mediated Autoimmune Disease via Effects on Complement and FcÎ³Rs. Journal of Immunology, 2018, 200, 2542-2553.	0.8	31
15	Intravenous immunoglobulin mediates anti-inflammatory effects in peripheral blood mononuclear cells by inducing autophagy. Cell Death and Disease, 2020, 11, 50.	6.3	30
16	Identification of the pore forming element of Semliki Forest virus spikes. FEBS Letters, 1995, 375, 134-136.	2.8	24
17	Intravenous immunoglobulin protects from experimental allergic bronchopulmonary aspergillosis via a sialylationâ€dependent mechanism. European Journal of Immunology, 2019, 49, 195-198.	2.9	23
18	Intravenous IgG (IVIG) and subcutaneous IgG (SCIG) preparations have comparable inhibitory effect on T cell activation, which is not dependent on IgG sialylation, monocytes or B cells. Clinical Immunology, 2015, 160, 123-132.	3.2	17

#	Article	IF	Citations
19	Treating murine inflammatory diseases with an anti-erythrocyte antibody. Science Translational Medicine, 2019, 11, .	12.4	15
20	Therapeutic normal IgG intravenous immunoglobulin activates Wnt-Î²-catenin pathway in dendritic cells. Communications Biology, 2020, 3, 96.	4.4	10
21	High Dose Intravenous IgG Therapy Modulates Multiple NK Cell and T Cell Functions in Patients With Immune Dysregulation. Frontiers in Immunology, 2021, 12, 660506.	4.8	10
22	Using the K/BxN mouse model of endogenous, chronic, rheumatoid arthritis for the evaluation of potential immunoglobulin-based therapeutic agents, including IVIg and Fc-Î¼TP-L309C, a recombinant IgG1 Fc hexamer. BMC Immunology, 2019, 20, 44.	2.2	9
23	Topical application of human-derived Ig isotypes for the control of acute respiratory infection evaluated in a human CD89-expressing mouse model. Mucosal Immunology, 2019, 12, 1013-1024.	6.0	8
24	Pathogen Safety of a New 20% Liquid Immunoglobulin Product. Journal of Allergy and Clinical Immunology, 2009, 123, S89-S89.	2.9	4
25	Potentiation of cytokine-induced proliferation of human Natural Killer cells by intravenous immunoglobulin G. Clinical Immunology, 2015, 161, 373-383.	3.2	4
26	Virus membrane proteins and proteinaceous pores. Future Virology, 2006, 1, 823-831.	1.8	2
27	C2 Plasma-derived immunoglobulins. , 2011, , 271-301.		1
28	Mechanism of increased efficacy of recombinant Fcâ€Î¼TPâ€Ł309CÂcompared to IVIg to ameliorate mouse immune thrombocytopenia. EJHaem, 2021, 2, 789-793.	1.0	1
29	Buckminsterfullerene and photodynamic inactivation of viruses. Reviews in Medical Virology, 1998, 8, 143-151.	8.3	1
30	Plasma-Derived Immunoglobulins. , 2019, , 327-368.		1
31	An Advanced Preclinical In Vitro Model to Study Heme Induced Toxicity in the Alveolus. , 2021, , .		0
32	Modeling alveolar barrier disruption in vitro for sepsis-induced ARDS preclinical studies. , 2020, , .		0