

# Wolfgang F Richter

## List of Publications by Citations

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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.

30 papers	1,272 citations	17 h-index	35 g-index
36 ext. papers	1,573 ext. citations	5.3 avg, IF	4.53 L-index

#	Paper	IF	Citations
30	Gantenerumab: a novel human anti-A $\beta$ antibody demonstrates sustained cerebral amyloid- $\beta$ binding and elicits cell-mediated removal of human amyloid- $\beta$ <i>Journal of Alzheimer's Disease</i> , <b>2012</b> , 28, 49-69	4.3	252
29	Mechanistic determinants of biotherapeutics absorption following SC administration. <i>AAPS Journal</i> , <b>2012</b> , 14, 559-70	3.7	193
28	Subcutaneous Administration of Biotherapeutics: An Overview of Current Challenges and Opportunities. <i>BioDrugs</i> , <b>2018</b> , 32, 425-440	7.9	131
27	Subcutaneous absorption of biotherapeutics: knowns and unknowns. <i>Drug Metabolism and Disposition</i> , <b>2014</b> , 42, 1881-9	4	125
26	Analysis of erlotinib and its metabolites in rat tissue sections by MALDI quadrupole time-of-flight mass spectrometry. <i>Journal of Mass Spectrometry</i> , <b>2007</b> , 42, 900-9	2.2	96
25	CD20-TCB with Obinutuzumab Pretreatment as Next-Generation Treatment of Hematologic Malignancies. <i>Clinical Cancer Research</i> , <b>2018</b> , 24, 4785-4797	12.9	84
24	Minipig as a potential translatable model for monoclonal antibody pharmacokinetics after intravenous and subcutaneous administration. <i>MAbs</i> , <b>2012</b> , 4, 243-55	6.6	83
23	Interspecies scaling of interferon disposition and comparison of allometric scaling with concentration-time transformations. <i>Journal of Pharmaceutical Sciences</i> , <b>1995</b> , 84, 1285-90	3.9	31
22	Subcutaneous versus intravenous administration of rituximab: pharmacokinetics, CD20 target coverage and B-cell depletion in cynomolgus monkeys. <i>PLoS ONE</i> , <b>2013</b> , 8, e80533	3.7	27
21	6-Alkoxy-5-aryl-3-pyridinecarboxamides, a new series of bioavailable cannabinoid receptor type 1 (CB1) antagonists including peripherally selective compounds. <i>Journal of Medicinal Chemistry</i> , <b>2013</b> , 56, 9874-96	8.3	24
20	Heparin chromatography as an predictor for antibody clearance rate through pinocytosis. <i>MAbs</i> , <b>2020</b> , 12, 1683432	6.6	24
19	Tissue Distribution of a Therapeutic Monoclonal Antibody Determined by Large Pore Microdialysis. <i>Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 106, 2853-2859	3.9	21
18	Are Biotransformation Studies of Therapeutic Proteins Needed? Scientific Considerations and Technical Challenges. <i>Drug Metabolism and Disposition</i> , <b>2019</b> , 47, 1443-1456	4	20
17	Protease-activation using anti-idiotypic masks enables tumor specificity of a folate receptor 1-T cell bispecific antibody. <i>Nature Communications</i> , <b>2020</b> , 11, 3196	17.4	17
16	Hematopoietic cells as site of first-pass catabolism after subcutaneous dosing and contributors to systemic clearance of a monoclonal antibody in mice. <i>MAbs</i> , <b>2018</b> , 10, 803-813	6.6	17
15	Animal pharmacokinetics and interspecies scaling of Ro 25-6833 and related (lactamylvinyl)cephalosporins. <i>Journal of Pharmaceutical Sciences</i> , <b>1998</b> , 87, 496-500	3.9	17
14	The distribution pattern of radioactivity across different tissues in quantitative whole-body autoradiography (QWBA) studies. <i>European Journal of Pharmaceutical Sciences</i> , <b>2006</b> , 28, 155-65	5.1	17

13	In Vivo Biotransformation of the Fusion Protein Tetranectin-Apolipoprotein A1 Analyzed by Ligand-Binding Mass Spectrometry Combined with Quantitation by ELISA. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 11670-11677	7.8	14
12	Immunogenicity, Inflammation, and Lipid Accumulation in Cynomolgus Monkeys Infused with a Lipidated Tetranectin-ApoA-I Fusion Protein. <i>Toxicological Sciences</i> , <b>2016</b> , 150, 378-89	4.4	8
11	The effects of interleukin-6 signal blockade on immune system, reproductive and skeletal development in juvenile mice. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , <b>2013</b> , 98, 170-82		5
10	High-Throughput, Sensitive LC-MS Quantification of Biotherapeutics and Biomarkers Using Antibody-Free, Peptide-Level, Multiple-Mechanism Enrichment via Strategic Regulation of pH and Ionic and Solvent Strengths. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 3475-3483	7.8	5
9	Reproductive and developmental toxicology studies with gantenerumab in PS2APP transgenic mice. <i>Reproductive Toxicology</i> , <b>2017</b> , 73, 362-371	3.4	4
8	Neonatal Immune Tolerance Induction to Allow Long-Term Studies With an Immunogenic Therapeutic Monoclonal Antibody in Mice. <i>AAPS Journal</i> , <b>2016</b> , 18, 354-61	3.7	3
7	Potential errors in the volume of distribution estimation of therapeutic proteins composed of differently cleared components. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , <b>2011</b> , 38, 581-93	2.7	3
6	Design of experiment (DOE) methods maximize information from a minimal number of animals in special cases of preclinical bioavailability testing. <i>Pharmaceutical Development and Technology</i> , <b>2003</b> , 8, 453-8	3.4	3
5	Subcutaneous Site-of-Absorption Study with the Monoclonal Antibody Tocilizumab in Minipigs: Administration Behind Ear Translates Best to Humans. <i>AAPS Journal</i> , <b>2020</b> , 22, 63	3.7	3
4	Challenges of non-clinical safety testing for biologics: A Report of the 9th BioSafe European Annual General Membership Meeting. <i>MABs</i> , <b>2021</b> , 13, 1938796	6.6	2
3	Nonclinical Development of Biologics: Integrating Safety, Pharmacokinetics, and Pharmacodynamics to Create Smarter and More Flexible Nonclinical Safety Programs Optimizing Animal Use. <i>International Journal of Toxicology</i> , <b>2021</b> , 40, 270-284	2.4	2
2	Immunogenicity: Its Impact on ADME of Therapeutic Biologics <sup>1-12</sup>		2
1	Novel In Vivo and In Vitro Pharmacokinetic/Pharmacodynamic-Based Human Starting Dose Selection for Glofitamab.. <i>Journal of Pharmaceutical Sciences</i> , <b>2021</b> ,	3.9	2