

# Honghui Zhou

## List of Publications by Citations

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95  
papers

3,311  
citations

31  
h-index

56  
g-index

97  
ext. papers

3,698  
ext. citations

4  
avg, IF

5.18  
L-index

#	Paper	IF	Citations
95	Association between serum concentration of infliximab and efficacy in adult patients with ulcerative colitis. <i>Gastroenterology</i> , <b>2014</b> , 147, 1296-1307.e5	13.3	233
94	Population pharmacokinetic analysis of infliximab in patients with ulcerative colitis. <i>European Journal of Clinical Pharmacology</i> , <b>2009</b> , 65, 1211-28	2.8	229
93	Pharmacokinetic properties of infliximab in children and adults with Crohn's disease: a retrospective analysis of data from 2 phase III clinical trials. <i>Clinical Therapeutics</i> , <b>2011</b> , 33, 946-64	3.5	198
92	Characterization of golimumab, a human monoclonal antibody specific for human tumor necrosis factor $\alpha$ (Mabs), <b>2010</b> , 2, 428-39	6.6	168
91	Pharmacokinetics and safety of golimumab, a fully human anti-TNF-alpha monoclonal antibody, in subjects with rheumatoid arthritis. <i>Journal of Clinical Pharmacology</i> , <b>2007</b> , 47, 383-96	2.9	142
90	Population pharmacokinetic modeling of ustekinumab, a human monoclonal antibody targeting IL-12/23p40, in patients with moderate to severe plaque psoriasis. <i>Journal of Clinical Pharmacology</i> , <b>2009</b> , 49, 162-75	2.9	127
89	Therapeutic targeting of the IL-12/23 pathways: generation and characterization of ustekinumab. <i>Nature Biotechnology</i> , <b>2011</b> , 29, 615-24	44.5	114
88	Interspecies scaling of therapeutic monoclonal antibodies: initial look. <i>Journal of Clinical Pharmacology</i> , <b>2009</b> , 49, 1382-402	2.9	106
87	Pharmacokinetic strategies in deciphering atypical drug absorption profiles. <i>Journal of Clinical Pharmacology</i> , <b>2003</b> , 43, 211-27	2.9	100
86	Characterizing the impact of renal impairment on the clinical pharmacology of biologics. <i>Journal of Clinical Pharmacology</i> , <b>2012</b> , 52, 54S-62S	2.9	91
85	Population pharmacokinetics of infliximab in patients with ankylosing spondylitis. <i>Journal of Clinical Pharmacology</i> , <b>2008</b> , 48, 681-95	2.9	89
84	Clinical pharmacokinetics of etanercept: a fully humanized soluble recombinant tumor necrosis factor receptor fusion protein. <i>Journal of Clinical Pharmacology</i> , <b>2005</b> , 45, 490-7	2.9	81
83	Pharmacokinetic drug-drug interaction potentials for therapeutic monoclonal antibodies: reality check. <i>Journal of Clinical Pharmacology</i> , <b>2007</b> , 47, 1104-18	2.9	79
82	Pharmacokinetics and Exposure-response Relationship of Golimumab in Patients with Moderately-to-Severely Active Ulcerative Colitis: Results from Phase 2/3 PURSUIT Induction and Maintenance Studies. <i>Journal of Crohn's and Colitis</i> , <b>2017</b> , 11, 35-46	1.5	76
81	Pharmacokinetics, pharmacodynamics and safety of a human anti-IL-6 monoclonal antibody (sirukumab) in healthy subjects in a first-in-human study. <i>British Journal of Clinical Pharmacology</i> , <b>2011</b> , 72, 270-81	3.8	76
80	Subcutaneous bioavailability of golimumab at 3 different injection sites in healthy subjects. <i>Journal of Clinical Pharmacology</i> , <b>2010</b> , 50, 276-84	2.9	75
79	Population pharmacokinetics of golimumab, an anti-tumor necrosis factor-alpha human monoclonal antibody, in patients with psoriatic arthritis. <i>Journal of Clinical Pharmacology</i> , <b>2009</b> , 49, 1056-70	2.9	70

78	Molecular, biologic, and pharmacokinetic properties of monoclonal antibodies: impact of these parameters on early clinical development. <i>Journal of Clinical Pharmacology</i> , <b>2007</b> , 47, 553-65	2.9	69
77	"Cocktail" approaches and strategies in drug development: valuable tool or flawed science?. <i>Journal of Clinical Pharmacology</i> , <b>2004</b> , 44, 120-34	2.9	67
76	Golimumab pharmacokinetics after repeated subcutaneous and intravenous administrations in patients with rheumatoid arthritis and the effect of concomitant methotrexate: an open-label, randomized study. <i>Clinical Therapeutics</i> , <b>2012</b> , 34, 77-90	3.5	63
75	Population pharmacokinetic analysis and simulation of the time-concentration profile of etanercept in pediatric patients with juvenile rheumatoid arthritis. <i>Journal of Clinical Pharmacology</i> , <b>2005</b> , 45, 246-56	2.9	61
74	Pharmacokinetics of infliximab in children with moderate-to-severe ulcerative colitis: results from a randomized, multicenter, open-label, phase 3 study. <i>Inflammatory Bowel Diseases</i> , <b>2013</b> , 19, 2753-62	4.5	55
73	Evaluation of disease-mediated therapeutic protein-drug interactions between an anti-interleukin-6 monoclonal antibody (sirukumab) and cytochrome P450 activities in a phase 1 study in patients with rheumatoid arthritis using a cocktail approach. <i>Journal of Clinical Pharmacology</i> , <b>2015</b> , 55, 1881-91	2.9	50
72	Rational development and utilization of antibody-based therapeutic proteins in pediatrics. <i>Pharmacology &amp; Therapeutics</i> , <b>2013</b> , 137, 225-47	13.9	45
71	Population-based exposure-efficacy modeling of ustekinumab in patients with moderate to severe plaque psoriasis. <i>Journal of Clinical Pharmacology</i> , <b>2010</b> , 50, 257-67	2.9	44
70	Unaltered etanercept pharmacokinetics with concurrent methotrexate in patients with rheumatoid arthritis. <i>Journal of Clinical Pharmacology</i> , <b>2004</b> , 44, 1235-43	2.9	42
69	Development of the IL-12/23 antagonist ustekinumab in psoriasis: past, present, and future perspectives. <i>Annals of the New York Academy of Sciences</i> , <b>2011</b> , 1222, 30-9	6.5	40
68	Risk-based strategy for the assessment of pharmacokinetic drug-drug interactions for therapeutic monoclonal antibodies. <i>Drug Discovery Today</i> , <b>2009</b> , 14, 891-8	8.8	34
67	Absence of a pharmacokinetic interaction between etanercept and warfarin. <i>Journal of Clinical Pharmacology</i> , <b>2004</b> , 44, 543-50	2.9	33
66	An improved approach for confirmatory phase III population pharmacokinetic analysis. <i>Journal of Clinical Pharmacology</i> , <b>2008</b> , 48, 812-22	2.9	32
65	Clinical impact of concomitant immunomodulators on biologic therapy: Pharmacokinetics, immunogenicity, efficacy and safety. <i>Journal of Clinical Pharmacology</i> , <b>2015</b> , 55 Suppl 3, S60-74	2.9	31
64	Confirmatory analysis for phase III population pharmacokinetics. <i>Pharmaceutical Statistics</i> , <b>2011</b> , 10, 14-26		31
63	Effect of meal timing not critical for the pharmacokinetics of tegaserod (HTF 919). <i>Journal of Clinical Pharmacology</i> , <b>1999</b> , 39, 911-9	2.9	31
62	Population Pharmacokinetic Modeling of Guselkumab, a Human IgG1 Monoclonal Antibody Targeting IL-23, in Patients with Moderate to Severe Plaque Psoriasis. <i>Journal of Clinical Pharmacology</i> , <b>2018</b> , 58, 613-627	2.9	28
61	Population-based assessments of clinical drug-drug interactions: qualitative indices or quantitative measures?. <i>Journal of Clinical Pharmacology</i> , <b>2006</b> , 46, 1268-89	2.9	28

60	Development of the IL-12/23 antagonist ustekinumab in psoriasis: past, present, and future perspectives--an update. <i>Annals of the New York Academy of Sciences</i> , <b>2012</b> , 1263, 1-12	6.5	27
59	Informative dropout modeling of longitudinal ordered categorical data and model validation: application to exposure-response modeling of physician's global assessment score for ustekinumab in patients with psoriasis. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , <b>2011</b> , 38, 237-60	2.7	27
58	Bounded outcome score modeling: application to treating psoriasis with ustekinumab. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , <b>2011</b> , 38, 497-517	2.7	27
57	Absence of a clinically relevant interaction between etanercept and digoxin. <i>Journal of Clinical Pharmacology</i> , <b>2004</b> , 44, 1244-51	2.9	27
56	Population approach for exposure-response modeling of golimumab in patients with rheumatoid arthritis. <i>Journal of Clinical Pharmacology</i> , <b>2011</b> , 51, 639-48	2.9	25
55	Lack of racial differences in the pharmacokinetics of subcutaneous golimumab in healthy Japanese and Caucasian male subjects. <i>Journal of Clinical Pharmacology</i> , <b>2010</b> , 50, 792-802	2.9	24
54	A latent variable approach for modeling categorical endpoints among patients with rheumatoid arthritis treated with golimumab plus methotrexate. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , <b>2010</b> , 37, 309-21	2.7	22
53	Evidence of effectiveness: how much can we extrapolate from existing studies?. <i>AAPS Journal</i> , <b>2005</b> , 7, E467-74	3.7	19
52	Development of a Physiologically Based Pharmacokinetic Model to Predict Disease-Mediated Therapeutic Protein-Drug Interactions: Modulation of Multiple Cytochrome P450 Enzymes by Interleukin-6. <i>AAPS Journal</i> , <b>2016</b> , 18, 767-76	3.7	17
51	Latent variable indirect response joint modeling of a continuous and a categorical clinical endpoint. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , <b>2014</b> , 41, 335-49	2.7	16
50	Pharmacokinetics and safety of golimumab in healthy Chinese subjects following a single subcutaneous administration in a randomized phase I trial. <i>Clinical Drug Investigation</i> , <b>2013</b> , 33, 795-800	3.2	16
49	Improvement in latent variable indirect response modeling of multiple categorical clinical endpoints: application to modeling of guselkumab treatment effects in psoriatic patients. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , <b>2017</b> , 44, 437-448	2.7	15
48	Therapeutic Drug Monitoring of Biologics for Inflammatory Bowel Disease: An Answer to Optimized Treatment?. <i>Journal of Clinical Pharmacology</i> , <b>2018</b> , 58, 864-876	2.9	13
47	Landmark and longitudinal exposure-response analyses in drug development. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , <b>2017</b> , 44, 503-507	2.7	13
46	Information contributed by meta-analysis in exposure-response modeling: application to phase 2 dose selection of guselkumab in patients with moderate-to-severe psoriasis. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , <b>2014</b> , 41, 239-50	2.7	12
45	Towards patient stratification and treatment in the autoimmune disease lupus erythematosus using a systems pharmacology approach. <i>European Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 94, 46-58	5.1	12
44	A comprehensive evaluation of exposure-response relationships in clinical trials: application to support guselkumab dose selection for patients with psoriasis. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , <b>2018</b> , 45, 523-535	2.7	11
43	Comparison of the pharmacokinetics of subcutaneous ustekinumab between Chinese and non-Chinese healthy male subjects across two Phase 1 studies. <i>Clinical Drug Investigation</i> , <b>2013</b> , 33, 291-301	3.2	11

42	Population Pharmacokinetics and Exposure-Response Modeling Analyses of Golimumab in Children With Moderately to Severely Active Ulcerative Colitis. <i>Journal of Clinical Pharmacology</i> , <b>2019</b> , 59, 590-604	2.9	11
41	Investigation of the Mechanism of Therapeutic Protein-Drug Interaction Between Methotrexate and Golimumab, an Anti-TNF Monoclonal Antibody. <i>AAPS Journal</i> , <b>2018</b> , 20, 63	3.7	10
40	Non-Clinical Pharmacokinetics, Prediction of Human Pharmacokinetics and First-in-Human Dose Selection for CNTO 5825, an Anti-Interleukin-13 Monoclonal Antibody. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2015</b> , 117, 219-25	3.1	10
39	Population PK and PK/PD modelling of microencapsulated octreotide acetate in healthy subjects. <i>British Journal of Clinical Pharmacology</i> , <b>2000</b> , 50, 543-52	3.8	10
38	Nateglinide, a New Mealtime Glucose Regulator. <i>Clinical Drug Investigation</i> , <b>2000</b> , 19, 465-471	3.2	10
37	Population Pharmacokinetics and Exposure-Response Modeling Analyses of Ustekinumab in Adults With Moderately to Severely Active Ulcerative Colitis. <i>Journal of Clinical Pharmacology</i> , <b>2020</b> , 60, 889-902	2.9	9
36	Monoclonal antibodies: interspecies scaling with minimal preclinical information. <i>Therapeutic Delivery</i> , <b>2011</b> , 2, 359-68	3.8	9
35	Challenges in longitudinal exposure-response modeling of data from complex study designs: a case study of modeling CDAI score for ustekinumab in patients with Crohn's disease. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , <b>2017</b> , 44, 425-436	2.7	8
34	Pharmacokinetic bridging approach for developing biologics-delivery devices: a case study with a golimumab autoinjector. <i>Clinical Therapeutics</i> , <b>2015</b> , 37, 427-38	3.5	7
33	Model-Aided Adults-to-Children Pharmacokinetic Extrapolation and Empirical Body Size-Based Dosing Exploration for Therapeutic Monoclonal Antibodies-Is Allometry a Reasonable Choice?. <i>Journal of Clinical Pharmacology</i> , <b>2020</b> , 60, 1573-1584	2.9	7
32	Therapeutic protein-drug interactions: plausible mechanisms and assessment strategies. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2016</b> , 12, 1323-1331	5.5	7
31	Modeling near-continuous clinical endpoint as categorical: application to longitudinal exposure-response modeling of Mayo scores for golimumab in patients with ulcerative colitis. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , <b>2018</b> , 45, 803-816	2.7	7
30	Joint longitudinal model development: application to exposure-response modeling of ACR and DAS scores in rheumatoid arthritis patients treated with sirukumab. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , <b>2018</b> , 45, 679-691	2.7	7
29	Deciphering the In Vivo Performance of a Monoclonal Antibody to Neutralize Its Soluble Target at the Site of Action in a Mouse Collagen-Induced Arthritis Model. <i>Pharmaceutical Research</i> , <b>2016</b> , 33, 1040-45	4.5	5
28	Evaluating Potential Disease-Mediated Protein-Drug Interactions in Patients With Moderate-to-Severe Plaque Psoriasis Receiving Subcutaneous Guselkumab. <i>Clinical and Translational Science</i> , <b>2020</b> , 13, 1217-1226	4.9	4
27	Applying Beta Distribution in Analyzing Bounded Outcome Score Data. <i>AAPS Journal</i> , <b>2020</b> , 22, 61	3.7	4
26	Confirmatory Population Pharmacokinetic Analysis for Sirukumab, a Human Monoclonal Antibody Targeting Interleukin-6, in Patients With Moderately to Severely Active Rheumatoid Arthritis. <i>Journal of Clinical Pharmacology</i> , <b>2018</b> , 58, 939-951	2.9	3
25	In Vivo Evaluation of Oral Dosage Form Performance <b>2009</b> , 365-378		2

24	Water-Insoluble Drugs and Their Pharmacokinetic Behaviors <b>2008</b> , 91-100		2
23	Application of Beta-Distribution and Combined Uniform and Binomial Methods in Longitudinal Modeling of Bounded Outcome Score Data. <i>AAPS Journal</i> , <b>2020</b> , 22, 95	3.7	2
22	Quantitative Pharmacology Approach to Select Optimal Dose and Study the Important Factors in Determining Disposition of Therapeutic Monoclonal Antibody in Pediatric Subjects [Some Considerations <b>2019</b> , 285-314		1
21	Exposure-Response Modeling Analyses for Sirukumab, a Human Monoclonal Antibody Targeting Interleukin 6, in Patients With Moderately to Severely Active Rheumatoid Arthritis. <i>Journal of Clinical Pharmacology</i> , <b>2018</b> , 58, 1501-1515	2.9	1
20	Population pharmacokinetics and exposure-response modeling analyses of guselkumab in patients with psoriatic arthritis. <i>Clinical and Translational Science</i> , <b>2021</b> ,	4.9	1
19	Impact of Diseases, Comorbidity, and Target Physiology on ADME, PK, and PK/PD of Therapeutic Biologics1-221		
18	Utilization of physiologically-based pharmacokinetic model to assess disease-mediated therapeutic protein-disease-drug interaction in immune-mediated inflammatory diseases. <i>Clinical and Translational Science</i> , <b>2021</b> ,	4.9	1
17	What We Can Learn from Current Inflammatory Bowel Disease (IBD) Biological TherapyDose Regimen and Others. <i>Current Pharmacology Reports</i> , <b>2019</b> , 5, 115-130	5.5	0
16	Improving categorical endpoint longitudinal exposure-response modeling through the joint modeling with a related endpoint. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , <b>2021</b> , 1	2.7	0
15	Translational Model-Informed Dose Selection for a Human[Positron Emission Tomography Imaging Study of JNJ-54175446, a P2X7 Receptor Antagonist. <i>Clinical and Translational Science</i> , <b>2020</b> , 13, 309-317	4.9	0
14	Application of Trial Simulation in the Design of a Prospective Study for Concentration-QTc Analysis in Support of a Thorough QT Study Waiver. <i>AAPS Journal</i> , <b>2020</b> , 22, 101	3.7	0
13	Antibody-Based Biotherapeutics in Inflammatory Diseases <b>2019</b> , 557-617		
12	Pharmacokinetics-Based Dosing for Therapeutic Monoclonal Antibodies in Inflammatory Bowel Disease <b>2019</b> , 243-253		
11	Application of Pharmacometrics and Systems Pharmacology to Current and Emerging Biologics in Inflammatory Bowel Diseases <b>2019</b> , 209-242		
10	Pharmacokinetics-Based Dosing Strategies for Therapeutic Proteins in Inflammatory Bowel Disease <b>2019</b> , 255-284		
9	Case Examples of Using Quantitative Pharmacology in Developing Therapeutic Proteins for Plaque Psoriasis [Guselkumab <b>2019</b> , 337-361		
8	Vedolizumab[Case Example of Using Quantitative Pharmacology in Developing Therapeutic Biologics in Inflammatory Bowel Disease <b>2019</b> , 363-387		
7	Case Examples of Using Quantitative Pharmacology in Developing Therapeutic Proteins in Systemic Lupus Erythematosus [Belimumab <b>2019</b> , 389-400		

6 Mechanism and Physiologically Based PK/PD Model in Assisting Translation from Preclinical to Clinical: Understanding PK/PD of Therapeutic Proteins at Site-of-Action **2019**, 43-64

5 Application of Minimal Anticipated Biological Effect Level (MABEL) in Human Starting Dose Selection for Immunomodulatory Protein Therapeutics [Principles and Case Studies **2019**, 65-91

4 Utility of Joint Population Exposure-Response Modeling Approach to Assess Multiple Continuous and Categorical Endpoints in Immunology Drug Development **2019**, 125-147

3 Translational Considerations in Developing Bispecific Antibodies: What Can We Learn from Quantitative Pharmacology? **2019**, 187-208

2 Statistical Considerations in Assessing Drug-Drug Interactions for Therapeutic Biologics

1 Facilitating Longitudinal Exposure-Response Modeling of a Composite Endpoint Using the Joint Modeling of Sparsely and Frequently Collected Subcomponents. *AAPS Journal*, **2020**, 22, 79

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