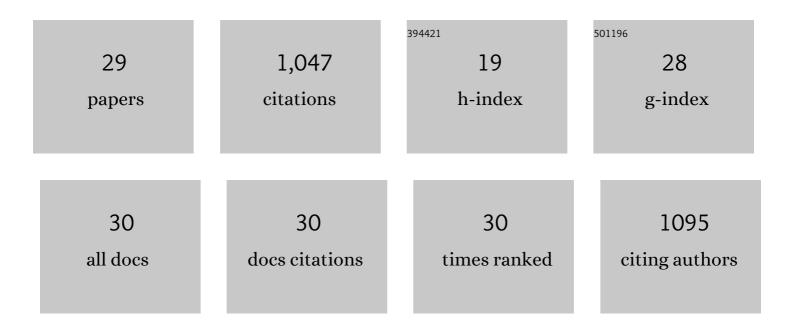
## David G Levitt

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Alkaline Phosphatase Pathophysiology with Emphasis on the Seldom-Discussed Role of Defective Elimination in Unexplained Elevations of Serum ALP – A Case Report and Literature Review. Clinical and Experimental Gastroenterology, 2022, Volume 15, 41-49.	2.3	13
2	<p>Quantitative Evaluation of D-Lactate Pathophysiology: New Insights into the Mechanisms Involved and the Many Areas in Need of Further Investigation</p> . Clinical and Experimental Gastroenterology, 2020, Volume 13, 321-337.	2.3	36
3	Quantitative Assessment of Blood Lactate in Shock: Measure of Hypoxia or Beneficial Energy Source. BioMed Research International, 2020, 2020, 1-24.	1.9	13
4	<p>Use Of Quantitative Modelling To Elucidate The Roles Of The Liver, Gut, Kidney, And Muscle In Ammonia Homeostasis And How Lactulose And Rifaximin Alter This Homeostasis</p> . International Journal of General Medicine, 2019, Volume 12, 367-380.	1.8	8
5	PKQuest: PBPK modeling of highly lipid soluble and extracellular solutes. ADMET and DMPK, 2019, 7, 60-75.	2.1	1
6	Quantitation of small intestinal permeability during normal human drug absorption. BMC Pharmacology & Toxicology, 2013, 14, 34.	2.4	27
7	Comparison of DXA and water measurements of body fat following gastric bypass surgery and a physiological model of body water, fat, and muscle composition. Journal of Applied Physiology, 2010, 109, 786-795.	2.5	44
8	Quantitative relationship between the octanol/water partition coefficient and the diffusion limitation of the exchange between adipose and blood. BMC Clinical Pharmacology, 2010, 10, 1.	2.5	42
9	Careers of an elite cohort of U.S. basic life science postdoctoral fellows and the influence of their mentor's citation record. BMC Medical Education, 2010, 10, 80.	2.4	16
10	PKQuest_Java: free, interactive physiologically based pharmacokinetic software package and tutorial. BMC Research Notes, 2009, 2, 158.	1.4	20
11	Physiological models of body composition and human obesity. Nutrition and Metabolism, 2007, 4, 19.	3.0	21
12	Heterogeneity of human adipose blood flow. BMC Clinical Pharmacology, 2007, 7, 1.	2.5	25
13	Human physiologically based pharmacokinetic model for ACE inhibitors: ramipril and ramiprilat. BMC Clinical Pharmacology, 2006, 6, 1.	2.5	30
14	Human physiologically based pharmacokinetic model for propofol. BMC Anesthesiology, 2005, 5, 4.	1.8	62
15	Physiologically based pharmacokinetic modeling of arterial – antecubital vein concentration difference. BMC Clinical Pharmacology, 2004, 4, 2.	2.5	26
16	The pharmacokinetics of the interstitial space in humans. BMC Clinical Pharmacology, 2003, 3, 3.	2.5	81
17	PKQuest: volatile solutes – application to enflurane, nitrous oxide, halothane, methoxyflurane and toluene pharmacokinetics. BMC Anesthesiology, 2002, 2, 5.	1.8	17
18	PKQuest: capillary permeability limitation and plasma protein binding – application to human inulin, dicloxacillin and ceftriaxone pharmacokinetics. BMC Clinical Pharmacology, 2002, 2, 7.	2.5	22

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#	Article	IF	CITATIONS
19	Modeling of Ion Channels. Journal of General Physiology, 1999, 113, 789-794.	1.9	75
20	Use of a Two-Compartment Model to Assess the Pharmacokinetics of Human Ethanol Metabolism. Alcoholism: Clinical and Experimental Research, 1998, 22, 1680-1688.	2.4	29
21	Use of measurements of ethanol absorption from stomach and intestine to assess human ethanol metabolism. American Journal of Physiology - Renal Physiology, 1997, 273, G951-G957.	3.4	52
22	Crystal structure of a trapped phosphoenzyme during a catalytic reaction. Nature Structural Biology, 1997, 4, 615-618.	9.7	33
23	Crystallization of ADP-ribosyl cyclase fromAplysia californica. , 1996, 24, 138-140.		21
24	Crystal structure of Aplysia ADP ribosyl cyclase, a homologue of the bifunctional ectozyme CD38. Nature Structural Biology, 1996, 3, 957-964.	9.7	142
25	Crystallization of ADPâ€ribosyl cyclase from Aplysia californica. Proteins: Structure, Function and Bioinformatics, 1996, 24, 138-140.	2.6	2
26	The crystal structure of cyclic ADP-ribose. Nature Structural Biology, 1994, 1, 143-144.	9.7	131
27	An experimental model for measuring middle ear antimicrobial drug penetration in otitis media. Pharmaceutical Research, 1990, 07, 1242-1247.	3.5	22
28	Streaming potential: Continuum expression applicable to very small nonuniform ion channels. Journal of Chemical Physics, 1990, 92, 6953-6957.	3.0	6
29	Evaluation of the Early Extraction Method of Determining Capillary Permeability by Theoretical Capillary and Organ Models. Circulation Research, 1970, 27, 81-95.	4.5	19