

# Glenn A Jacobson

## List of Publications by Year in descending order

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63  
papers

1,046  
citations

394421

19  
h-index

501196

28  
g-index

64  
all docs

64  
docs citations

64  
times ranked

1335  
citing authors

#	ARTICLE	IF	CITATIONS
1	The salmeterol anomaly and the need for a urine threshold. <i>Drug Testing and Analysis</i> , 2022, 14, 997-1003.	2.6	3
2	Implementation of mouth rinsing after use of inhaled corticosteroids in Australia. <i>International Journal of Clinical Pharmacy</i> , 2021, 43, 549-555.	2.1	1
3	Asperuloside Enhances Taste Perception and Prevents Weight Gain in High-Fat Fed Mice. <i>Frontiers in Endocrinology</i> , 2021, 12, 615446.	3.5	8
4	An Abductive Inference Approach to Assess the Performance-Enhancing Effects of Drugs Included on the World Anti-Doping Agency Prohibited List. <i>Sports Medicine</i> , 2021, 51, 1353-1376.	6.5	13
5	Beta <sub>2</sub> -adrenergic agonists can enhance intense performance and muscle strength in healthy individuals. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 2318-2319.	5.7	8
6	Pharmacokinetic and pharmacodynamic effects of 2 registered omeprazole preparations and varying dose rates in horses. <i>Journal of Veterinary Internal Medicine</i> , 2021, 35, 620-631.	1.6	6
7	Effect of one-week oral or inhaled salbutamol treatment with washout on repeated sprint performance in trained subjects. <i>Translational Sports Medicine</i> , 2021, 4, 241-249.	1.1	0
8	Beta <sub>2</sub> -adrenergic agonist clenbuterol increases energy expenditure and fat oxidation, and induces mTOR phosphorylation in skeletal muscle of young healthy men. <i>Drug Testing and Analysis</i> , 2020, 12, 610-618.	2.6	20
9	Phytosterol supplements do not inhibit dipeptidyl peptidase-4. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2020, 14, 1475-1478.	3.6	4
10	Anabolic and lipolytic actions of beta <sub>2</sub> -agonists in humans and antidoping challenges. <i>Drug Testing and Analysis</i> , 2020, 12, 597-609.	2.6	33
11	Enantioselective disposition of ( <i>R,R</i> )-formoterol, ( <i>S,S</i> )-formoterol and their respective glucuronides in urine following single inhaled dosing and application to doping control. <i>Drug Testing and Analysis</i> , 2019, 11, 950-956.	2.6	11
12	Beta <sub>2</sub> -adrenergic ligand racemic formoterol exhibits enantioselective disposition in blood and skeletal muscle of humans, and elicits myocellular PKA signaling at therapeutic inhaled doses. <i>Drug Testing and Analysis</i> , 2019, 11, 1048-1056.	2.6	9
13	Long-Acting $\beta_2$ -Agonists in Asthma: Enantioselective Safety Studies are Needed. <i>Drug Safety</i> , 2018, 41, 441-449.	3.2	11
14	Salmeterol undergoes enantioselective bronchopulmonary distribution with receptor localisation a likely determinant of duration of action. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 154, 102-107.	2.8	3
15	Chronic $\beta_2$ -adrenoceptor agonist treatment alters muscle proteome and functional adaptations induced by high intensity training in young men. <i>Journal of Physiology</i> , 2018, 596, 231-252.	2.9	41
16	Changes in biomarkers of cardiac dysfunction during exacerbations of chronic obstructive pulmonary disease. <i>Respiratory Medicine</i> , 2018, 145, 192-199.	2.9	14
17	Beta <sub>2</sub> -adrenoceptor agonist salbutamol increases protein turnover rates and alters signalling in skeletal muscle after resistance exercise in young men. <i>Journal of Physiology</i> , 2018, 596, 4121-4139.	2.9	46
18	Citrus bioflavonoids dipeptidyl peptidase-4 inhibition compared with gliptin antidiabetic medications. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 21-25.	2.1	29

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19	Bronchopulmonary pharmacokinetics of (R)-salbutamol and (S)-salbutamol enantiomers in pulmonary epithelial lining fluid and lung tissue of horses. <i>British Journal of Clinical Pharmacology</i> , 2017, 83, 1436-1445.	2.4	19
20	The effect of varenicline and nicotine patch on smoking rate and satisfaction with smoking: an examination of the mechanism of action of two pre-quit pharmacotherapies. <i>Psychopharmacology</i> , 2017, 234, 1969-1976.	3.1	11
21	Terbutaline: level the playing field for inhaled $\beta_2$ -agonists by introducing a dosing and urine threshold. <i>British Journal of Sports Medicine</i> , 2017, 51, 1323-1324.	6.7	10
22	Beta2-adrenergic stimulation increases energy expenditure at rest, but not during submaximal exercise in active overweight men. <i>European Journal of Applied Physiology</i> , 2017, 117, 1907-1915.	2.5	23
23	Enantioselective disposition of (R)-salmeterol and (S)-salmeterol in urine following inhaled dosing and application to doping control. <i>Drug Testing and Analysis</i> , 2017, 9, 1262-1266.	2.6	14
24	Peripheral treatment with enoxaparin exacerbates amyloid plaque pathology in Tg2576 mice. <i>Journal of Neuroscience Research</i> , 2017, 95, 992-999.	2.9	7
25	Beta2-Agonist Doping Control and Optical Isomer Challenges. <i>Sports Medicine</i> , 2016, 46, 1787-1795.	6.5	15
26	Reliability of <i>Haemophilus influenzae</i> biofilm measurement via static method, and determinants of in vitro biofilm production. <i>Canadian Journal of Microbiology</i> , 2016, 62, 1013-1020.	1.7	2
27	Application of an assay for 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanol (NNAL) in urine for the assessment of tobacco-related harm. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 131, 327-332.	2.8	2
28	Determination of Nicotine in Cartridge-Based Electronic Cigarettes. <i>Analytical Letters</i> , 2015, 48, 2715-2722.	1.8	4
29	SULT 1A3 single nucleotide polymorphism and the single dose pharmacokinetics of inhaled salbutamol enantiomers: Are some athletes at risk of higher urine levels?. <i>Drug Testing and Analysis</i> , 2015, 7, 109-113.	2.6	22
30	Determination of Cotinine, 3-Hydroxycotinine, and Their Glucuronides in Urine by Ultra-high Performance Liquid Chromatography. <i>Analytical Letters</i> , 2015, 48, 1217-1233.	1.8	3
31	Hypolipidaemic effect of crude extract from <i>Carpobrotus rossii</i> (pigface) in healthy rats. <i>Food and Chemical Toxicology</i> , 2014, 66, 134-139.	3.6	6
32	Relationship between cotinine and trans-3-hydroxycotinine glucuronidation and the nicotine metabolite ratio in Caucasian smokers. <i>Biomarkers</i> , 2014, 19, 679-683.	1.9	6
33	Determination of pergolide in horse plasma by UPLC-MS/MS for pharmacokinetic applications. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 94, 54-57.	2.8	8
34	Enantioselective disposition of (R/S)-albuterol in skeletal and cardiac muscle. <i>Drug Testing and Analysis</i> , 2014, 6, 563-567.	2.6	16
35	Proteoglycans in the central nervous system: Role in development, neural repair, and Alzheimer's disease. <i>IUBMB Life</i> , 2013, 65, 108-120.	3.4	70
36	Modulation of flavonoid and tannin production of <i>Carpobrotus rossii</i> by environmental conditions. <i>Environmental and Experimental Botany</i> , 2013, 87, 19-31.	4.2	23

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37	Protoanemonin Content Variation between Clematis spp.: Leaf, Stem and Root. Natural Product Communications, 2013, 8, 1934578X1300800.	0.5	0
38	Size and sulfation are critical for the effect of heparin on <sc>APP</sc> processing and A $\beta$ production. Journal of Neurochemistry, 2012, 123, 447-457.	3.9	14
39	Plasma glutathione peroxidase (GSH-Px) concentration is elevated in rheumatoid arthritis: a caseâ€“control study. Clinical Rheumatology, 2012, 31, 1543-1547.	2.2	17
40	In vitro antioxidant, antiplatelet and anti-inflammatory activity of Carpobrotus rossii (pigface) extract. Journal of Ethnopharmacology, 2011, 134, 97-103.	4.1	26
41	Effects of Heparin and Enoxaparin on APP Processing and A $\beta$ Production in Primary Cortical Neurons from Tg2576 Mice. PLoS ONE, 2011, 6, e23007.	2.5	23
42	Stability of ipratropium bromide and salbutamol nebuliser admixtures. International Journal of Pharmacy Practice, 2011, 3, 169-173.	0.6	7
43	Determination of Albuterol Enantiomers in Animal Tissue Matrices by LCâ€“MS/MS: Application in Therapeutic Myoanabolic Studies. Chromatographia, 2011, 74, 355-358.	1.3	6
44	Albuterol enantiomer levels, lung function and QTc interval in patients with acute severe asthma and COPD in the emergency department. International Journal of Emergency Medicine, 2011, 4, 30.	1.6	4
45	Investigation of Freezing- and Thawing-Induced Biological, Chemical, and Physical Changes to Enoxaparin Solution. Journal of Pharmaceutical Sciences, 2009, 98, 1118-1128.	3.3	15
46	Investigation of the Effect of Heating on the Chemistry and Antifactor Xa Activity of Enoxaparin. Journal of Pharmaceutical Sciences, 2009, 98, 1700-1711.	3.3	18
47	Effective reversed-phase ion pair high-performance liquid chromatography method for the separation and characterization of intact low-molecular-weight heparins. Analytical Biochemistry, 2009, 387, 113-121.	2.4	40
48	A simple capillary electrophoresis method for the rapid separation and determination of intact low molecular weight and unfractionated heparins. Journal of Pharmaceutical and Biomedical Analysis, 2008, 46, 30-35.	2.8	65
49	In vitro stability of enoxaparin solutions (20 mg/mL) diluted in 4% glucose. Clinical Therapeutics, 2008, 30, 1880-1885.	2.5	8
50	Elevated plasma glutathione peroxidase concentration in acute severe asthma: Comparison with plasma glutathione peroxidase activity, selenium and malondialdehyde. Scandinavian Journal of Clinical and Laboratory Investigation, 2007, 67, 423-430.	1.2	23
51	Selenium status in Southern Tasmania. European Journal of Clinical Nutrition, 2007, 61, 1057-1063.	2.9	9
52	Effect of celecoxib on cyclooxygenase-2 expression and possible variants in a patient with Barrettâ€™s esophagus. Ecological Management and Restoration, 2007, 20, 265-268.	0.4	7
53	Plasma glutathione peroxidase by ELISA and relationship to selenium level. Clinica Chimica Acta, 2006, 369, 100-103.	1.1	23
54	Determination of ceftiofur in bovine plasma by HPLC-DAD. Journal of Pharmaceutical and Biomedical Analysis, 2006, 40, 1249-1252.	2.8	29

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55	Evaluation of a covered-rod silicone implant containing ivermectin for long-term prevention of heartworm infection in dogs. <i>American Journal of Veterinary Research</i> , 2006, 67, 1564-1569.	0.6	4
56	Selenoprotein P Analysis in Human Plasma: A Discrepancy Between HPLC Fractionation of Human Plasma with Heparin-Affinity Chromatography and SDS-PAGE with Immunoblot Analysis. <i>Biological Trace Element Research</i> , 2005, 107, 213-220.	3.5	7
57	Increased Selenium Concentrations in Seronorm Trace Elements Serum (Level 2). <i>Clinical Chemistry</i> , 2004, 50, 1481-1482.	3.2	13
58	Comparison of methods for the determination of total selenium in plasma by magnetic sector inductively coupled plasma mass spectrometry. <i>Analytica Chimica Acta</i> , 2004, 512, 319-327.	5.4	38
59	LC-MS method for the determination of albuterol enantiomers in human plasma using manual solid-phase extraction and a non-deuterated internal standard. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 31, 1237-1243.	2.8	29
60	(R,S)-Salbutamol plasma concentrations in severe asthma. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2003, 28, 235-238.	1.5	8
61	Biological Monitoring of Low Level Occupational Xylene Exposure and the Role of Recent Exposure. <i>Annals of Occupational Hygiene</i> , 2003, 47, 331-6.	1.9	19
62	Bicycle injuries: road trauma is not the only concern. <i>Australian and New Zealand Journal of Public Health</i> , 1998, 22, 451-455.	1.8	35
63	High-performance liquid chromatographic assay for the simultaneous determination of ipratropium bromide, fenoterol, salbutamol and terbutaline in nebulizer solution. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1994, 12, 825-832.	2.8	37