

# Casey L Sayre

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

568  
citations

759233

12  
h-index

642732

23  
g-index

34  
all docs

34  
docs citations

34  
times ranked

990  
citing authors

#	ARTICLE	IF	CITATIONS
1	Flip-flop pharmacokinetics â€“ delivering a reversal of disposition: challenges and opportunities during drug development. <i>Therapeutic Delivery</i> , 2011, 2, 643-672.	2.2	194
2	Vorinostat with sustained exposure and high solubility in poly(ethylene glycol)- <i>block</i> -poly( <i>D</i> -lactide) micelle nanocarriers: Characterization and effects on pharmacokinetics in rat serum and urine. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 3787-3798.	3.3	47
3	Pre-Clinical Pharmacokinetic and Pharmacodynamic Characterization of Selected Chiral Flavonoids: Pinocembrin and Pinostrobin. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2015, 18, 368.	2.1	36
4	Involvement of brain opioid receptors in the anti-allodynic effect of hyperbaric oxygen in rats with sciatic nerve crush-induced neuropathic pain. <i>Brain Research</i> , 2013, 1537, 111-116.	2.2	28
5	Pharmacokinetic and Toxicodynamic Characterization of a Novel Doxorubicin Derivative. <i>Pharmaceutics</i> , 2017, 9, 35.	4.5	26
6	Novel intravaginal nanomedicine for the targeted delivery of saquinavir to CD4+ immune cells. <i>International Journal of Nanomedicine</i> , 2013, 8, 2847.	6.7	25
7	Disposition, Metabolism and Histone Deacetylase and Acetyltransferase Inhibition Activity of Tetrahydrocurcumin and Other Curcuminoids. <i>Pharmaceutics</i> , 2017, 9, 45.	4.5	21
8	Pediatric oral formulation of dendrimer-N-acetyl-L-cysteine conjugates for the treatment of neuroinflammation. <i>International Journal of Pharmaceutics</i> , 2018, 545, 113-116.	5.2	20
9	Preclinical Pharmacokinetics and Pharmacodynamics and Content Analysis of Gnetol in Foodstuffs. <i>Phytotherapy Research</i> , 2015, 29, 1168-1179.	5.8	16
10	Chiral analytical method development and application to pre-clinical pharmacokinetics of pinocembrin. <i>Biomedical Chromatography</i> , 2013, 27, 681-684.	1.7	14
11	Quantification of cefazolin in serum and adipose tissue by ultra high performance liquid chromatography-Tandem mass spectrometry (UHPLC-MS/MS): application to a pilot study of obese women undergoing cesarean delivery. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1031, 94-98.	2.3	13
12	Quantification of Three Chiral Flavonoids with Reported Bioactivity in Selected Licensed Canadian Natural Health Products and US Marketed Dietary Supplements. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2013, 16, 272.	2.1	12
13	Calebin A: Analytical Development for Pharmacokinetics Study, Elucidation of Pharmacological Activities and Content Analysis of Natural Health Products. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2015, 18, 494.	2.1	12
14	Synovial fluid bupivacaine concentrations following single intra-articular injection in normal and osteoarthritic canine stifles. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2015, 38, 97-100.	1.3	11
15	Mechanistically elucidating the in vitro safety and efficacy of a novel doxorubicin derivative. <i>Drug Delivery and Translational Research</i> , 2017, 7, 582-597.	5.8	11
16	Chiral analytical method development of liquiritigenin with application to a pharmacokinetic study. <i>Biomedical Chromatography</i> , 2013, 27, 404-406.	1.7	10
17	Stability of extemporaneously compounded amiloride nasal spray. <i>PLoS ONE</i> , 2020, 15, e0232435.	2.5	10
18	Stereospecific analytical method development and preliminary <i>in vivo</i> pharmacokinetic characterization of pinostrobin in the rat. <i>Biomedical Chromatography</i> , 2013, 27, 548-550.	1.7	9

#	ARTICLE	IF	CITATIONS
19	Pharmacological characterization of liquiritigenin, a chiral flavonoid in licorice. Research in Pharmaceutical Sciences, 2016, 11, 355.	1.8	9
20	Pharmacometrics of 3-Methoxypterostilbene: A Component of Traditional Chinese Medicinal Plants. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-11.	1.2	6
21	Pharmaceutical Characterization of MyoNovin, a Novel Skeletal Muscle Regenerator: in silico, in vitro and in vivo Studies. Journal of Pharmacy and Pharmaceutical Sciences, 2018, 21, 1.	2.1	6
22	Analysis of 3-Methoxypterostilbene in biological fluids by high-performance liquid chromatography: application to pre-clinical pharmacokinetics. Biomedical Chromatography, 2013, 27, 67-72.	1.7	4
23	An LC/MS Assay for Analysis of Vorinostat in Rat Serum and Urine: Application to a Pre-Clinical Pharmacokinetic StudyElham A. Mohamed. Journal of Chromatography & Separation Techniques, 2012, 03, .	0.2	4
24	Stereospecific pharmacokinetic characterization of liquiritigenin in the rat. Research in Pharmaceutical Sciences, 2017, 12, 176.	1.8	3
25	Determination of Withanolides in Withania somnifera by Liquid Chromatography: Single-Laboratory Validation, First Action 2015.17. Journal of AOAC INTERNATIONAL, 2017, 100, 277-279.	1.5	1
26	Nitrous oxide (N <sub>2</sub> O) increases brain L-arginine in production of its antinociceptive effect in mice. FASEB Journal, 2012, 26, 662.8.	0.5	0
27	Chemical Stability of Progesterone in Compounded Oral Rapid-dissolving Tablets. International Journal of Pharmaceutical Compounding, 2019, 23, 62-64.	0.0	0
28	Development and Validation of a Stability-indicating High-performance Liquid Chromatographic Method for Quantification of Progesterone in Compounded Glycerinated Gelatin Troches. International Journal of Pharmaceutical Compounding, 2019, 23, 340-350.	0.0	0