

# Hiromi Shibasaki

## List of Publications by Year in descending order

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17  
papers

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#	ARTICLE	IF	CITATIONS
1	EVIDENCE FOR THE VALIDITY OF CORTISOL 6 $\beta$ -HYDROXYLATION CLEARANCE AS A NEW INDEX FOR IN VIVO CYTOCHROME P450 3A PHENOTYPING IN HUMANS. <i>Drug Metabolism and Disposition</i> , 2003, 31, 1283-1287.	3.3	52
2	Simultaneous determination of endogenous and 13C-labelled cortisols and cortisones in human plasma by stable isotope dilution mass spectrometry. <i>Biomedical Applications</i> , 2000, 738, 119-127.	1.7	39
3	Simultaneous determination of prednisolone, prednisone, cortisol, and cortisone in plasma by GC-MS: Estimating unbound prednisolone concentration in patients with nephrotic syndrome during oral prednisolone therapy. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 870, 164-169.	2.3	35
4	Simultaneous determination of 6 $\beta$ - and 6 $\alpha$ -hydroxycortisols and 6 $\beta$ -hydroxycortisone in human urine by stable isotope dilution mass spectrometry. <i>Biomedical Applications</i> , 2000, 738, 367-376.	1.7	23
5	Simultaneous determination of 6 $\beta$ -hydroxycortisol and cortisol in human urine by liquid chromatography with ultraviolet absorbance detection for phenotyping the CYP3A activity determined by the cortisol 6 $\beta$ -hydroxylation clearance. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 801, 165-171.	2.3	23
6	Synthesis of multi-labeled cortisols and cortisones with 2H and 13C for study of cortisol metabolism in humans. <i>Steroids</i> , 2000, 65, 180-189.	1.8	22
7	Intraindividual and Interindividual Variabilities in Endogenous Cortisol 6 $\beta$ -Hydroxylation Clearance as an Index for In Vivo CYP3A Phenotyping in Humans. <i>Drug Metabolism and Disposition</i> , 2013, 41, 475-479.	3.3	18
8	Diurnal rhythm in the plasma concentration of cortisol in paediatric patients with orthostatic dysregulation. <i>Biological Mass Spectrometry</i> , 1990, 19, 225-229.	0.5	16
9	Simultaneous determination of endogenous and stable isotope-labelled 6 $\beta$ -hydroxycortisols in human urine by stable isotope dilution mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 794, 373-380.	2.3	12
10	Sensitive and simultaneous quantitation of 6 $\beta$ -hydroxycortisol and cortisol in human plasma by LC-MS/MS coupled with stable isotope dilution method. <i>Journal of Mass Spectrometry</i> , 2018, 53, 665-674.	1.6	9
11	Use of endogenous cortisol 6 $\beta$ -hydroxylation clearance for phenotyping in vivo CYP3A activity in women after sequential administration of an oral contraceptive (OC) containing ethinylestradiol and levonorgestrel as weak CYP3A inhibitors. <i>Steroids</i> , 2014, 87, 137-144.	1.8	8
12	Separation and quantitative determination of 6 $\alpha$ -hydroxycortisol and 6 $\beta$ -hydroxycortisol in human urine by high-performance liquid chromatography with ultraviolet absorption detection. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 2945-2952.	3.7	7
13	Dried blood spots analysis of 6 $\beta$ -hydroxycortisol and cortisol using liquid chromatography/tandem mass spectrometry for calculating 6 $\beta$ -hydroxycortisol to cortisol ratio. <i>Journal of Mass Spectrometry</i> , 2021, 56, e4790.	1.6	4
14	Midazolam Intoxication in a Premature Neonate. <i>Clinical Therapeutics</i> , 2020, 42, 946-951.	2.5	2
15	Development and Validation of an LC-MS/MS-Based Method for Quantifying Urinary Endogenous 6-Hydroxymelatonin. <i>Chemical and Pharmaceutical Bulletin</i> , 2022, 70, 375-382.	1.3	2
16	Effect of UGT1A1, CYP3A and CES Activities on the Pharmacokinetics of Irinotecan and its Metabolites in Patients with UGT1A1 Gene Polymorphisms. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2021, 46, 317-324.	1.6	1
17	Influence of Anticoagulants and Storage Conditions During Blood Sample Collection on Determination of the 6 $\beta$ -hydroxycortisol/cortisol Ratio by LC-MS/MS. <i>Bunseki Kagaku</i> , 2022, 71, 357-363.	0.2	0