

# Robin Hartman

## List of Publications by Year in descending order

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13  
papers

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citations

1040056

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1125743

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13  
docs citations

13  
times ranked

522  
citing authors

#	ARTICLE	IF	CITATIONS
1	Postsynaptic TrkB signaling has distinct roles in spine maintenance in adult visual cortex and hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 1071-1076.	7.1	74
2	Predicting Drug Concentration-Time Profiles in Multiple CNS Compartments Using a Comprehensive Physiologically-Based Pharmacokinetic Model. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2017, 6, 765-777.	2.5	61
3	A Generic Multi-Compartmental CNS Distribution Model Structure for 9 Drugs Allows Prediction of Human Brain Target Site Concentrations. <i>Pharmaceutical Research</i> , 2017, 34, 333-351.	3.5	59
4	Diurnal Variation in P-glycoprotein-Mediated Transport and Cerebrospinal Fluid Turnover in the Brain. <i>AAPS Journal</i> , 2014, 16, 1029-1037.	4.4	49
5	Prediction of methotrexate CNS distribution in different species – Influence of disease conditions. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 57, 11-24.	4.0	47
6	Altered protein expression of membrane transporters in isolated cerebral microvessels and brain cortex of a rat Alzheimer's disease model. <i>Neurobiology of Disease</i> , 2022, 169, 105741.	4.4	14
7	Diurnal variation in the pharmacokinetics and brain distribution of morphine and its major metabolite. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 109, S132-S139.	4.0	11
8	Cre-Dependent Expression of Multiple Transgenes in Isolated Neurons of the Adult Forebrain. <i>PLoS ONE</i> , 2008, 3, e3059.	2.5	11
9	Quantitative contrast-enhanced ultrasound measurement of cerebrospinal fluid flow for the diagnosis of ventricular shunt malfunction. <i>Journal of Neurosurgery</i> , 2015, 123, 1420-1426.	1.6	10
10	Fingerprints of CNS drug effects: a plasma neuroendocrine reflection of D <sub>2</sub> receptor activation using multi-biomarker pharmacokinetic/pharmacodynamic modelling. <i>British Journal of Pharmacology</i> , 2018, 175, 3832-3843.	5.4	7
11	Development of a population pharmacokinetic model to predict brain distribution and dopamine D <sub>2</sub> receptor occupancy of raclopride in non-anesthetized rat. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 111, 514-525.	4.0	6
12	Target-Site Investigation for the Plasma Prolactin Response: Mechanism-Based Pharmacokinetic-Pharmacodynamic Analysis of Risperidone and Paliperidone in the Rat. <i>Drug Metabolism and Disposition</i> , 2017, 45, 152-159.	3.3	4
13	Blood-Based Biomarkers of Quinpirole Pharmacology: Cluster-Based PK/PD and Metabolomics to Unravel the Underlying Dynamics in Rat Plasma and Brain. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2019, 8, 107-117.	2.5	2