

# Raja Venkatasubramanian

## List of Publications by Year in descending order

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16  
papers

706  
citations

687335

13  
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940516

16  
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16  
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16  
docs citations

16  
times ranked

994  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmacokinetic Characteristics of Long-Acting Injectable Antipsychotics for Schizophrenia: An Overview. <i>CNS Drugs</i> , 2021, 35, 39-59.	5.9	67
2	Semi-mechanistic modelling platform to assess cardiac contractility and haemodynamics in preclinical cardiovascular safety profiling of new molecular entities. <i>British Journal of Pharmacology</i> , 2020, 177, 3568-3590.	5.4	6
3	ABCC3 genetic variants are associated with postoperative morphine-induced respiratory depression and morphine pharmacokinetics in children. <i>Pharmacogenomics Journal</i> , 2017, 17, 162-169.	2.0	27
4	CYP2D6 pharmacogenetic and oxycodone pharmacokinetic association study in pediatric surgical patients. <i>Pharmacogenomics</i> , 2017, 18, 337-348.	1.3	41
5	Fatty acid amide hydrolase-morphine interaction influences ventilatory response to hypercapnia and postoperative opioid outcomes in children. <i>Pharmacogenomics</i> , 2017, 18, 143-156.	1.3	11
6	Propofol Pharmacokinetics and Estimation of Fetal Propofol Exposure during Mid-Gestational Fetal Surgery: A Maternal-Fetal Sheep Model. <i>PLoS ONE</i> , 2016, 11, e0146563.	2.5	19
7	Population pharmacokinetic-pharmacodynamic modeling and dosing simulation of propofol maintenance anesthesia in severely obese adolescents. <i>Paediatric Anaesthesia</i> , 2015, 25, 911-923.	1.1	24
8	The impact of CYP3A5 polymorphism on sirolimus pharmacokinetics: insights from predictions with a physiologically-based pharmacokinetic model. <i>British Journal of Clinical Pharmacology</i> , 2015, 80, 1438-1446.	2.4	26
9	ABCC3 and OCT1 genotypes influence pharmacokinetics of morphine in children. <i>Pharmacogenomics</i> , 2014, 15, 1297-1309.	1.3	68
10	Rapid uptake of glucose and lactate, and not hypoxia, induces apoptosis in three-dimensional tumor tissue culture. <i>Integrative Biology (United Kingdom)</i> , 2014, 6, 399-410.	1.3	36
11	OCT1 genetic variants influence the pharmacokinetics of morphine in children. <i>Pharmacogenomics</i> , 2013, 14, 1141-1151.	1.3	85
12	Micrometer-scale oxygen delivery rearranges cells and prevents necrosis in tumor tissue in vitro. <i>Biotechnology Progress</i> , 2012, 28, 515-525.	2.6	9
13	Rifampin's Acute Inhibitory and Chronic Inductive Drug Interactions: Experimental and Model-Based Approaches to Drug-Drug Interaction Trial Design. <i>Clinical Pharmacology and Therapeutics</i> , 2011, 89, 234-242.	4.7	142
14	Mechanistic modelling of dynamic MRI data predicts that tumour heterogeneity decreases therapeutic response. <i>British Journal of Cancer</i> , 2010, 103, 486-497.	6.4	24
15	Integrating cell-cycle progression, drug penetration and energy metabolism to identify improved cancer therapeutic strategies. <i>Journal of Theoretical Biology</i> , 2008, 253, 98-117.	1.7	38
16	Incorporating energy metabolism into a growth model of multicellular tumor spheroids. <i>Journal of Theoretical Biology</i> , 2006, 242, 440-453.	1.7	83