

# Jasmine H Hughes

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8642595/publications.pdf>

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7  
papers

144  
citations

1477746  
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1719596  
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all docs

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docs citations

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times ranked

274  
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of ROCK and MLCK tunes regional stress fiber formation and mechanics via preferential myosin light chain phosphorylation. <i>Molecular Biology of the Cell</i> , 2017, 28, 3832-3843.	0.9	58
2	Continuous Learning in Model-Informed Precision Dosing: A Case Study in Pediatric Dosing of Vancomycin. <i>Clinical Pharmacology and Therapeutics</i> , 2021, 109, 233-242.	2.3	22
3	A hybrid machine learning/pharmacokinetic approach outperforms maximum a posteriori Bayesian estimation by selectively flattening model priors. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2021, 10, 1150-1160.	1.3	20
4	Time-lapse microscopy of macrophages during embryonic vascular development. <i>Developmental Dynamics</i> , 2012, 241, 1423-1431.	0.8	16
5	Synthetic mechanobiology: engineering cellular force generation and signaling. <i>Current Opinion in Biotechnology</i> , 2016, 40, 82-89.	3.3	13
6	Transcriptomic analysis reveals that BMP4 sensitizes glioblastoma tumor-initiating cells to mechanical cues. <i>Matrix Biology</i> , 2020, 85-86, 112-127.	1.5	11
7	Use of Age-Adjusted Serum Creatinine in a Vancomycin Pharmacokinetic Model Decreases Predictive Performance in Elderly Patients. <i>Therapeutic Drug Monitoring</i> , 2021, 43, 139-140.	1.0	4