

Matthew F Peters

List of Publications by Year in descending order

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28
papers

4,807
citations

236833

25
h-index

501076

28
g-index

28
all docs

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docs citations

28
times ranked

4598
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction of Nitric Oxide Synthase with the Postsynaptic Density Protein PSD-95 and $\hat{\pm}$ 1-Syntrophin Mediated by PDZ Domains. <i>Cell</i> , 1996, 84, 757-767.	13.5	1,557
2	Interference by Huntingtin and Atrophin-1 with CBP-Mediated Transcription Leading to Cellular Toxicity. <i>Science</i> , 2001, 291, 2423-2428.	6.0	1,035
3	Differential Association of Syntrophin Pairs with the Dystrophin Complex. <i>Journal of Cell Biology</i> , 1997, 138, 81-93.	2.3	224
4	Two forms of mouse syntrophin, a 58 kd dystrophin-associated protein, differ in primary structure and tissue distribution. <i>Neuron</i> , 1993, 11, 531-540.	3.8	220
5	Nuclear Targeting of Mutant Huntingtin Increases Toxicity. <i>Molecular and Cellular Neurosciences</i> , 1999, 14, 121-128.	1.0	177
6	Isoform Diversity of Dystrobrevin, the Murine 87-kDa Postsynaptic Protein. <i>Journal of Biological Chemistry</i> , 1996, 271, 7802-7810.	1.6	145
7	Label-free whole-cell assays: expanding the scope of GPCR screening. <i>Drug Discovery Today</i> , 2010, 15, 704-716.	3.2	145
8	Human induced pluripotent stem cells and their use in drug discovery for toxicity testing. <i>Toxicology Letters</i> , 2013, 219, 49-58.	0.4	141
9	Evaluating Cellular Impedance Assays for Detection of GPCR Pleiotropic Signaling and Functional Selectivity. <i>Journal of Biomolecular Screening</i> , 2009, 14, 246-255.	2.6	116
10	Differential Membrane Localization and Intermolecular Associations of $\hat{\pm}$ -Dystrobrevin Isoforms in Skeletal Muscle. <i>Journal of Cell Biology</i> , 1998, 142, 1269-1278.	2.3	111
11	$\hat{\pm}$ -Dystrobrevin, a New Member of the Dystrophin Family. <i>Journal of Biological Chemistry</i> , 1997, 272, 31561-31569.	1.6	99
12	An Impedance-Based Cellular Assay Using Human iPSC-Derived Cardiomyocytes to Quantify Modulators of Cardiac Contractility. <i>Toxicological Sciences</i> , 2014, 142, 331-338.	1.4	92
13	Human Stem Cell-Derived Cardiomyocytes in Cellular Impedance Assays: Bringing Cardiotoxicity Screening to the Front Line. <i>Cardiovascular Toxicology</i> , 2015, 15, 127-139.	1.1	84
14	Evaluation of Cellular Dielectric Spectroscopy, a Whole-Cell, Label-Free Technology for Drug Discovery on Gi-Coupled GPCRs. <i>Journal of Biomolecular Screening</i> , 2007, 12, 312-319.	2.6	82
15	Isolation of a 40-kDa Huntingtin-associated Protein. <i>Journal of Biological Chemistry</i> , 2001, 276, 3188-3194.	1.6	79
16	Inducible PC12 cell model of Huntington's disease shows toxicity and decreased histone acetylation. <i>NeuroReport</i> , 2003, 14, 565-568.	0.6	68
17	Comparing Label-Free Biosensors for Pharmacological Screening With Cell-Based Functional Assays. <i>Assay and Drug Development Technologies</i> , 2010, 8, 219-227.	0.6	68
18	Deconvoluting Kinase Inhibitor Induced Cardiotoxicity. <i>Toxicological Sciences</i> , 2017, 158, 213-226.	1.4	45

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19	Developing <i>in vitro</i> assays to transform gastrointestinal safety assessment: potential for microphysiological systems. <i>Lab on A Chip</i> , 2020, 20, 1177-1190.	3.1	44
20	Identification of short-acting μ -opioid receptor antagonists with anxiolytic-like activity. <i>European Journal of Pharmacology</i> , 2011, 661, 27-34.	1.7	43
21	Cardiovascular Toxicity Induced by Kinase Inhibitors: Mechanisms and Preclinical Approaches. <i>Chemical Research in Toxicology</i> , 2020, 33, 125-136.	1.7	39
22	Purification, cDNA sequence, and tissue distribution of rat uroguanylin. <i>Regulatory Peptides</i> , 1997, 68, 45-56.	1.9	37
23	Evaluation of Cellular Impedance Measures of Cardiomyocyte Cultures for Drug Screening Applications. <i>Assay and Drug Development Technologies</i> , 2012, 10, 525-532.	0.6	34
24	Cellular Impedance Assays for Predictive Preclinical Drug Screening of Kinase Inhibitor Cardiovascular Toxicity. <i>Toxicological Sciences</i> , 2013, 135, 402-413.	1.4	33
25	Human 3D Gastrointestinal Microtissue Barrier Function As a Predictor of Drug-Induced Diarrhea. <i>Toxicological Sciences</i> , 2019, 168, 3-17.	1.4	33
26	Discovery of 8-azabicyclo[3.2.1]octan-3-yloxy-benzamides as selective antagonists of the kappa opioid receptor. Part 1. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 5847-5852.	1.0	22
27	SAR development of a series of 8-azabicyclo[3.2.1]octan-3-yloxy-benzamides as kappa opioid receptor antagonists. Part 2. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 5405-5410.	1.0	17
28	Human ileal organoid model recapitulates clinical incidence of diarrhea associated with small molecule drugs. <i>Toxicology in Vitro</i> , 2020, 68, 104928.	1.1	17