

# Clay W Scott

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

1,180  
citations

430874

18  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1483  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human 3D Gastrointestinal Microtissue Barrier Function As a Predictor of Drug-Induced Diarrhea. <i>Toxicological Sciences</i> , 2019, 168, 3-17.	3.1	33
2	Deconvoluting Kinase Inhibitor Induced Cardiotoxicity. <i>Toxicological Sciences</i> , 2017, 158, 213-226.	3.1	45
3	Structural Insights Lead to a Negamycin Analogue with Improved Antimicrobial Activity against Gram-Negative Pathogens. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 930-935.	2.8	10
4	Human Stem Cell-Derived Cardiomyocytes in Cellular Impedance Assays: Bringing Cardiotoxicity Screening to the Front Line. <i>Cardiovascular Toxicology</i> , 2015, 15, 127-139.	2.7	84
5	An Impedance-Based Cellular Assay Using Human iPSC-Derived Cardiomyocytes to Quantify Modulators of Cardiac Contractility. <i>Toxicological Sciences</i> , 2014, 142, 331-338.	3.1	92
6	Human induced pluripotent stem cells and their use in drug discovery for toxicity testing. <i>Toxicology Letters</i> , 2013, 219, 49-58.	0.8	141
7	Cellular Impedance Assays for Predictive Preclinical Drug Screening of Kinase Inhibitor Cardiovascular Toxicity. <i>Toxicological Sciences</i> , 2013, 135, 402-413.	3.1	33
8	Evaluation of Cellular Impedance Measures of Cardiomyocyte Cultures for Drug Screening Applications. <i>Assay and Drug Development Technologies</i> , 2012, 10, 525-532.	1.2	34
9	Label-free whole-cell assays: expanding the scope of GPCR screening. <i>Drug Discovery Today</i> , 2010, 15, 704-716.	6.4	145
10	Comparing Label-Free Biosensors for Pharmacological Screening With Cell-Based Functional Assays. <i>Assay and Drug Development Technologies</i> , 2010, 8, 219-227.	1.2	68
11	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
12	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
13	Novel Small Molecule Inhibitors of Caspase-3 Block Cellular and Biochemical Features of Apoptosis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 304, 433-440.	2.5	65
14	Phosphorylation, calpain proteolysis and tubulin binding of recombinant human tau isoforms. <i>Brain Research</i> , 1993, 604, 32-40.	2.2	58
15	Aggregation of tau protein by aluminum. <i>Brain Research</i> , 1993, 628, 77-84.	2.2	57
16	Human tau isoforms confer distinct morphological and functional properties to stably transfected fibroblasts. <i>Molecular Brain Research</i> , 1993, 20, 209-220.	2.3	24
17	Phosphorylation of tau protein in tau-transfected 3T3 cells. <i>Molecular Brain Research</i> , 1993, 20, 221-228.	2.3	15
18	Immunological characterization of the region of tau protein that is bound to Alzheimer paired helical filaments. <i>Neurobiology of Aging</i> , 1992, 13, 267-274.	3.1	30

#	ARTICLE	IF	CITATIONS
19	Association of the carboxy-terminus of $\hat{1}^2$ -amyloid protein precursor with Alzheimer paired helical filaments. Biochemical and Biophysical Research Communications, 1992, 185, 1034-1040.	2.1	24
20	Role of tau in the polymerization of peptides from $\hat{1}^2$ -amyloid precursor protein. Brain Research, 1992, 597, 227-232.	2.2	24