

David E Durrant

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

673
citations

10
h-index

22
g-index

22
ext. papers

799
ext. citations

6.7
avg, IF

3.7
L-index

#	Paper	IF	Citations
20	Structural insights into the BRAF monomer-to-dimer transition mediated by RAS binding.. <i>Nature Communications</i> , 2022 , 13, 486	17.4	4
19	Development of a High-throughput NanoBRET Screening Platform to Identify Modulators of the RAS/RAF Interaction. <i>Molecular Cancer Therapeutics</i> , 2021 , 20, 1743-1754	6.1	0
18	Hydrogen Sulfide Therapy Suppresses Cofilin-2 and Attenuates Ischemic Heart Failure in a Mouse Model of Myocardial Infarction. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2020 , 25, 472-483	2.6	4
17	Swinhopeptolides A and B: Cyclic Depsipeptides from the Sponge That Inhibit Ras/Raf Interaction. <i>Journal of Natural Products</i> , 2020 , 83, 1288-1294	4.9	4
16	A dual PI3 kinase/mTOR inhibitor BEZ235 reverses doxorubicin resistance in ABCB1 overexpressing ovarian and pancreatic cancer cell lines. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020 , 1864, 1293-1306	5.56	2
15	STAT3-miR-17/20 signalling axis plays a critical role in attenuating myocardial infarction following rapamycin treatment in diabetic mice. <i>Cardiovascular Research</i> , 2020 , 116, 2103-2115	9.9	10
14	Distinct Binding Preferences between Ras and Raf Family Members and the Impact on Oncogenic Ras Signaling. <i>Molecular Cell</i> , 2019 , 76, 872-884.e5	17.6	39
13	Long-acting PDE5 inhibitor tadalafil prevents early doxorubicin-induced left ventricle diastolic dysfunction in juvenile mice: potential role of cytoskeletal proteins. <i>Canadian Journal of Physiology and Pharmacology</i> , 2017 , 95, 295-304	2.4	7
12	Chronic treatment with novel nanoformulated micelles of rapamycin, Rapatar, protects diabetic heart against ischaemia/reperfusion injury. <i>British Journal of Pharmacology</i> , 2017 , 174, 4771-4784	8.6	13
11	Inhibition of Ras/Raf/MEK/ERK Pathway Signaling by a Stress-Induced Phospho-Regulatory Circuit. <i>Molecular Cell</i> , 2016 , 64, 875-887	17.6	59
10	Sildenafil (Viagra) sensitizes prostate cancer cells to doxorubicin-mediated apoptosis through CD95. <i>Oncotarget</i> , 2016 , 7, 4399-413	3.3	29
9	Inhibition of mammalian target of rapamycin protects against reperfusion injury in diabetic heart through STAT3 signaling. <i>Basic Research in Cardiology</i> , 2015 , 110, 31	11.8	38
8	PDE5 inhibitors as therapeutics for heart disease, diabetes and cancer. <i>Pharmacology & Therapeutics</i> , 2015 , 147, 12-21	13.9	144
7	Mammalian target of rapamycin (mTOR) inhibition with rapamycin improves cardiac function in type 2 diabetic mice: potential role of attenuated oxidative stress and altered contractile protein expression. <i>Journal of Biological Chemistry</i> , 2014 , 289, 4145-60	5.4	107
6	Induction of microRNA-21 with exogenous hydrogen sulfide attenuates myocardial ischemic and inflammatory injury in mice. <i>Circulation: Cardiovascular Genetics</i> , 2014 , 7, 311-20		84
5	Rapamycin protects against myocardial ischemia-reperfusion injury through JAK2-STAT3 signaling pathway. <i>Journal of Molecular and Cellular Cardiology</i> , 2012 , 53, 858-69	5.8	99
4	Phosphodiesterase-5 Inhibition with Tadalafil Attenuates Left Ventricular Dysfunction and Cardiomyocyte Apoptosis in Doxorubicin-induced Cardiotoxicity in Mice. <i>FASEB Journal</i> , 2010 , 24, 785.10 ^{0.9}		1

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| 3 | Development of water soluble derivatives of cis-3, 4,5-trimethoxy-3Zaminostilbene for optimization and use in cancer therapy. <i>Investigational New Drugs</i> , 2009 , 27, 41-52 | 4-3 | 9 |
| 2 | cis-3, 4,5-Trimethoxy-3Zaminostilbene disrupts tumor vascular perfusion without damaging normal organ perfusion. <i>Cancer Chemotherapy and Pharmacology</i> , 2009 , 63, 191-200 | 3-5 | 10 |
| 1 | Mechanism of cell death induced by cis-3, 4,5-trimethoxy-3Zaminostilbene in ovarian cancer. <i>Gynecologic Oncology</i> , 2008 , 110, 110-7 | 4-9 | 10 |