

# David E Durrant

## List of Publications by Citations

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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	PDE5 inhibitors as therapeutics for heart disease, diabetes and cancer. <i>Pharmacology &amp; Therapeutics</i> , <b>2015</b> , 147, 12-21	13.9	144
19	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> , <b>2014</b> , 289, 4145-60	5.4	107
18	Rapamycin protects against myocardial ischemia-reperfusion injury through JAK2-STAT3 signaling pathway. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2012</b> , 53, 858-69	5.8	99
17	Induction of microRNA-21 with exogenous hydrogen sulfide attenuates myocardial ischemic and inflammatory injury in mice. <i>Circulation: Cardiovascular Genetics</i> , <b>2014</b> , 7, 311-20		84
16	Inhibition of Ras/Raf/MEK/ERK Pathway Signaling by a Stress-Induced Phospho-Regulatory Circuit. <i>Molecular Cell</i> , <b>2016</b> , 64, 875-887	17.6	59
15	Distinct Binding Preferences between Ras and Raf Family Members and the Impact on Oncogenic Ras Signaling. <i>Molecular Cell</i> , <b>2019</b> , 76, 872-884.e5	17.6	39
14	Inhibition of mammalian target of rapamycin protects against reperfusion injury in diabetic heart through STAT3 signaling. <i>Basic Research in Cardiology</i> , <b>2015</b> , 110, 31	11.8	38
13	Sildenafil (Viagra) sensitizes prostate cancer cells to doxorubicin-mediated apoptosis through CD95. <i>Oncotarget</i> , <b>2016</b> , 7, 4399-413	3.3	29
12	Chronic treatment with novel nanoformulated micelles of rapamycin, Rapatar, protects diabetic heart against ischaemia/reperfusion injury. <i>British Journal of Pharmacology</i> , <b>2017</b> , 174, 4771-4784	8.6	13
11	cis-3, 4Z 5-Trimethoxy-3Zaminostilbene disrupts tumor vascular perfusion without damaging normal organ perfusion. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2009</b> , 63, 191-200	3.5	10
10	Mechanism of cell death induced by cis-3, 4Z 5-trimethoxy-3Zaminostilbene in ovarian cancer. <i>Gynecologic Oncology</i> , <b>2008</b> , 110, 110-7	4.9	10
9	STAT3-miR-17/20 signalling axis plays a critical role in attenuating myocardial infarction following rapamycin treatment in diabetic mice. <i>Cardiovascular Research</i> , <b>2020</b> , 116, 2103-2115	9.9	10
8	Development of water soluble derivatives of cis-3, 4Z 5-trimethoxy-3Zaminostilbene for optimization and use in cancer therapy. <i>Investigational New Drugs</i> , <b>2009</b> , 27, 41-52	4.3	9
7	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> , <b>2017</b> , 95, 295-304	2.4	7
6	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> , <b>2020</b> , 25, 472-483	2.6	4
5	Swinhopeptolides A and B: Cyclic Depsipeptides from the Sponge That Inhibit Ras/Raf Interaction. <i>Journal of Natural Products</i> , <b>2020</b> , 83, 1288-1294	4.9	4
4	Structural insights into the BRAF monomer-to-dimer transition mediated by RAS binding.. <i>Nature Communications</i> , <b>2022</b> , 13, 486	17.4	4

- 3 A dual PI3 kinase/mTOR inhibitor BEZ235 reverses doxorubicin resistance in ABCB1 overexpressing ovarian and pancreatic cancer cell lines. *Biochimica Et Biophysica Acta - General Subjects*, **2020**, 1864, 1294-1306 2
- 2 Phosphodiesterase-5 Inhibition with Tadalafil Attenuates Left Ventricular Dysfunction and Cardiomyocyte Apoptosis in Doxorubicin-induced Cardiotoxicity in Mice. *FASEB Journal*, **2010**, 24, 785.10<sup>0.9</sup> 1
- 1 Development of a High-throughput NanoBRET Screening Platform to Identify Modulators of the RAS/RAF Interaction. *Molecular Cancer Therapeutics*, **2021**, 20, 1743-1754 6.1 0