

# Darren E Richard

## List of Publications by Year in descending order

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41  
papers

5,104  
citations

218677

26  
h-index

289244

40  
g-index

41  
all docs

41  
docs citations

41  
times ranked

6313  
citing authors

#	ARTICLE	IF	CITATIONS
1	p42/p44 Mitogen-activated Protein Kinases Phosphorylate Hypoxia-inducible Factor 1 $\alpha$ (HIF-1 $\alpha$ ) and Enhance the Transcriptional Activity of HIF-1. <i>Journal of Biological Chemistry</i> , 1999, 274, 32631-32637.	3.4	718
2	Nonhypoxic Pathway Mediates the Induction of Hypoxia-inducible Factor 1 $\alpha$ in Vascular Smooth Muscle Cells. <i>Journal of Biological Chemistry</i> , 2000, 275, 26765-26771.	3.4	471
3	Hypoxia-inducible factor 1: regulation by hypoxic and non-hypoxic activators. <i>International Journal of Biochemistry and Cell Biology</i> , 2005, 37, 535-540.	2.8	467
4	Hypoxic gene activation by lipopolysaccharide in macrophages: implication of hypoxia-inducible factor 1 $\alpha$ . <i>Blood</i> , 2004, 103, 1124-1130.	1.4	403
5	Induction of Hypoxia-inducible Factor-1 $\alpha$ by Transcriptional and Translational Mechanisms. <i>Journal of Biological Chemistry</i> , 2002, 277, 48403-48409.	3.4	352
6	Angiogenesis: How a Tumor Adapts to Hypoxia. <i>Biochemical and Biophysical Research Communications</i> , 1999, 266, 718-722.	2.1	331
7	Transforming Growth Factor $\beta$ 1 Induces Hypoxia-inducible Factor-1 Stabilization through Selective Inhibition of PHD2 Expression. <i>Journal of Biological Chemistry</i> , 2006, 281, 24171-24181.	3.4	271
8	Signaling angiogenesis via p42/p44 MAP kinase and hypoxia. <i>Biochemical Pharmacology</i> , 2000, 60, 1171-1178.	4.4	184
9	Hypoxia-inducible Factor-1 $\alpha$ Stabilization in Nonhypoxic Conditions: Role of Oxidation and Intracellular Ascorbate Depletion. <i>Molecular Biology of the Cell</i> , 2008, 19, 86-94.	2.1	164
10	Hypoxia-enhanced Expression of the Proprotein Convertase Furin Is Mediated by Hypoxia-inducible Factor-1. <i>Journal of Biological Chemistry</i> , 2005, 280, 6561-6569.	3.4	149
11	Hypoxia-inducible factor-1 $\alpha$ (HIF-1 $\alpha$ ) escapes O <sub>2</sub> -driven proteasomal degradation irrespective of its subcellular localization: nucleus or cytoplasm. <i>EMBO Reports</i> , 2001, 2, 615-620.	4.5	147
12	Hypoxia-inducible Factor-1 Activation in Nonhypoxic Conditions: The Essential Role of Mitochondrial-derived Reactive Oxygen Species. <i>Molecular Biology of the Cell</i> , 2010, 21, 3247-3257.	2.1	144
13	Inflammatory Cytokines and Reactive Oxygen Species as Mediators of Chronic Kidney Disease-Related Vascular Calcification. <i>American Journal of Hypertension</i> , 2015, 28, 746-755.	2.0	140
14	HIF-1-dependent transcriptional activity is required for oxygen-mediated HIF-1 $\alpha$ degradation. <i>FEBS Letters</i> , 2001, 491, 85-90.	2.8	125
15	Signaling Angiogenesis via p42/p44 MAP Kinase Cascade. <i>Annals of the New York Academy of Sciences</i> , 2000, 902, 187-200.	3.8	119
16	Hypoxia-inducible factor-1 plays a role in phosphate-induced vascular smooth muscle cell calcification. <i>Kidney International</i> , 2016, 90, 598-609.	5.2	101
17	Arrest-defective-1 Protein, an Acetyltransferase, Does Not Alter Stability of Hypoxia-inducible Factor (HIF)-1 $\alpha$ and Is Not Induced by Hypoxia or HIF. <i>Journal of Biological Chemistry</i> , 2005, 280, 31132-31140.	3.4	93
18	Angiogenesis and G-protein-coupled receptors: signals that bridge the gap. <i>Oncogene</i> , 2001, 20, 1556-1562.	5.9	90

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19	Identification of Alternative Spliced Variants of Human Hypoxia-inducible Factor-1 $\alpha$ . Journal of Biological Chemistry, 2000, 275, 6922-6927.	3.4	88
20	Conserved Molecular Interactions within the HBO1 Acetyltransferase Complexes Regulate Cell Proliferation. Molecular and Cellular Biology, 2012, 32, 689-703.	2.3	82
21	HIF-1 inhibition decreases systemic vascular remodelling diseases by promoting apoptosis through a hexokinase 2-dependent mechanism. Cardiovascular Research, 2010, 88, 196-204.	3.8	75
22	Sphingosine-1-Phosphate. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 902-908.	2.4	58
23	Differential Regulation of Hypoxia-Inducible Factor-1 through Receptor Tyrosine Kinase Transactivation in Vascular Smooth Muscle Cells. Endocrinology, 2007, 148, 4023-4031.	2.8	47
24	Targeting Axl favors an antitumorigenic microenvironment that enhances immunotherapy responses by decreasing Hif-1 $\alpha$ levels. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	42
25	Transcriptional repression of hypoxia-inducible factor-1 (HIF-1) by the protein arginine methyltransferase PRMT1. Molecular Biology of the Cell, 2014, 25, 925-935.	2.1	31
26	Endothelin type A receptor blockade reduces vascular calcification and inflammation in rats with chronic kidney disease. Journal of Hypertension, 2017, 35, 376-384.	0.5	30
27	TGF $\beta$ 2-induced GRK2 expression attenuates AngII-regulated vascular smooth muscle cell proliferation and migration. Cellular Signalling, 2009, 21, 899-905.	3.6	27
28	Novel Cyclic Analogs of Angiotensin II with Cyclization between Positions 5 and 7: $\Delta$ Conformational and Biological Implications. Journal of Medicinal Chemistry, 1996, 39, 2738-2744.	6.4	25
29	The Werner syndrome gene product (WRN): a repressor of hypoxia-inducible factor-1 activity. Experimental Cell Research, 2012, 318, 1620-1632.	2.6	21
30	Desensitization of AT1 Receptor-Mediated Cellular Responses Requires Long Term Receptor Down-Regulation in Bovine Adrenal Glomerulosa Cells*. Endocrinology, 1997, 138, 3828-3835.	2.8	18
31	Stimulation of the angiotensin II type I receptor on bovine adrenal glomerulosa cells activates a temperature-sensitive internalization-recycling pathway. Molecular and Cellular Endocrinology, 1997, 129, 209-218.	3.2	18
32	The prolyl isomerase Pin1 regulates hypoxia-inducible transcription factor (HIF) activity. Cellular Signalling, 2014, 26, 1649-1656.	3.6	17
33	Tumor necrosis factor inhibitors as novel therapeutic tools for vascular remodeling diseases. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 299, H995-H1001.	3.2	15
34	(2 <i>R</i> )-[(4-Biphenylsulfonyl)amino]- <i>N</i> -hydroxy-3-phenylpropionamide (BiPS), a Matrix Metalloprotease Inhibitor, Is a Novel and Potent Activator of Hypoxia-Inducible Factors. Molecular Pharmacology, 2008, 74, 282-288.	2.3	9
35	Adenoviral protein E4orf4 interacts with the polarity protein Par3 to induce nuclear rupture and tumor cell death. Journal of Cell Biology, 2020, 219, .	5.2	9
36	Desensitization of AT1 Receptor-Mediated Cellular Responses Requires Long Term Receptor Down-Regulation in Bovine Adrenal Glomerulosa Cells. Endocrinology, 1997, 138, 3828-3835.	2.8	7

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37	Bovine adrenal glomerulosa cells express such a low level of functional B2 receptors that bradykinin does not significantly increase their aldosterone production. <i>Journal of Endocrinology</i> , 1998, 156, 449-460.	2.6	6
38	Selective HIF-1 Regulation under Nonhypoxic Conditions by the p42/p44 MAP Kinase Inhibitor PD184161. <i>Molecular Pharmacology</i> , 2017, 92, 510-518.	2.3	5
39	Selective interaction of chemical dyes with inositol 1,4,5-trisphosphate recognition sites. <i>Canadian Journal of Physiology and Pharmacology</i> , 1994, 72, 174-181.	1.4	3
40	Effects of TGF- $\beta$ 1 on endothelial factors. <i>Archives of Physiology and Biochemistry</i> , 2010, 116, 50-55.	2.1	2
41	The adenoviral protein E4orf4: a probing tool to decipher mechanical stress-induced nuclear envelope remodeling in tumor cells. <i>Cell Cycle</i> , 2020, 19, 2963-2981.	2.6	0