

# John R Hawse

## List of Publications by Year in descending order

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Version: 2024-02-01

70  
papers

2,330  
citations

172457

29  
h-index

233421

45  
g-index

72  
all docs

72  
docs citations

72  
times ranked

3335  
citing authors

#	ARTICLE	IF	CITATIONS
1	Estrogen receptor beta repurposes EZH2 to suppress oncogenic NF $\kappa$ B/p65 signaling in triple negative breast cancer. <i>Npj Breast Cancer</i> , 2022, 8, 20.	5.2	9
2	Serum and Soleus Metabolomics Signature of Klf10 Knockout Mice to Identify Potential Biomarkers. <i>Metabolites</i> , 2022, 12, 556.	2.9	7
3	Adenosine A <sub>2A</sub> receptor blockade prevents cisplatin-induced impairments in neurogenesis and cognitive function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	14
4	Development and Characterization of Novel Endoxifen-Resistant Breast Cancer Cell Lines Highlight Numerous Differences from Tamoxifen-Resistant Models. <i>Molecular Cancer Research</i> , 2021, 19, 1026-1039.	3.4	2
5	Nicotinamide Mononucleotide Prevents Cisplatin-Induced Cognitive Impairments. <i>Cancer Research</i> , 2021, 81, 3727-3737.	0.9	20
6	Krüppel-like factor 10 regulates the contractile properties of skeletal muscle fibers in mice. <i>Muscle and Nerve</i> , 2021, 64, 765-769.	2.2	8
7	Endoxifen, an Estrogen Receptor Targeted Therapy: From Bench to Bedside. <i>Endocrinology</i> , 2021, 162, .	2.8	14
8	Optimized immunohistochemical detection of estrogen receptor beta using two validated monoclonal antibodies confirms its expression in normal and malignant breast tissues. <i>Breast Cancer Research and Treatment</i> , 2020, 179, 241-249.	2.5	31
9	Male breast cancer in the United States: Treatment patterns and prognostic factors in the 21st century. <i>Cancer</i> , 2020, 126, 26-36.	4.1	82
10	Novel role of <i>Tie1</i> in muscle metabolism and mitochondrial oxidative capacities. <i>Acta Physiologica</i> , 2020, 228, e13394.	3.8	14
11	Ultrasound image processing to estimate the structural and functional properties of mouse skeletal muscle. <i>Biomedical Signal Processing and Control</i> , 2020, 56, 101735.	5.7	5
12	17 $\beta$ -Estradiol prevents ovariectomy-mediated obesity and bone loss. <i>Experimental Gerontology</i> , 2020, 142, 111113.	2.8	20
13	Antitumor activity of Z-endoxifen in aromatase inhibitor-sensitive and aromatase inhibitor-resistant estrogen receptor-positive breast cancer. <i>Breast Cancer Research</i> , 2020, 22, 51.	5.0	11
14	Sclerostin antibody treatment rescues the osteopenic bone phenotype of TGF $\beta$ <sup>2</sup> inducible early gene $\beta$ 1 knockout female mice. <i>Journal of Cellular Physiology</i> , 2020, 235, 5679-5688.	4.1	5
15	Reply to On the proportion of male breast cancer among all breast cancers. <i>Cancer</i> , 2020, 126, 2034-2035.	4.1	1
16	KLF10 Deficiency in CD4 <sup>+</sup> T Cells Triggers Obesity, Insulin Resistance, and Fatty Liver. <i>Cell Reports</i> , 2020, 33, 108550.	6.4	30
17	Health benefits attributed to 17 $\beta$ -estradiol, a lifespan-extending compound, are mediated through estrogen receptor $\alpha$ . <i>ELife</i> , 2020, 9, .	6.0	30
18	Differential estrogen receptor activation regulates extracellular matrix deposition in human airway smooth muscle remodeling via NF $\kappa$ B pathway. <i>FASEB Journal</i> , 2019, 33, 13935-13950.	0.5	30

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19	Development of a novel multiphysical approach for the characterization of mechanical properties of musculotendinous tissues. <i>Scientific Reports</i> , 2019, 9, 7733.	3.3	19
20	Mutant Kras-induced upregulation of CD24 enhances prostate cancer stemness and bone metastasis. <i>Oncogene</i> , 2019, 38, 2005-2019.	5.9	33
21	TIEG and estrogen modulate SOST expression in the murine skeleton. <i>Journal of Cellular Physiology</i> , 2018, 233, 3540-3551.	4.1	14
22	ER $\beta$ -mediated induction of cystatins results in suppression of TGF $\beta$ signaling and inhibition of triple-negative breast cancer metastasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9580-E9589.	7.1	47
23	Estrogen Receptor Beta-Mediated Modulation of Lung Cancer Cell Proliferation by 27-Hydroxycholesterol. <i>Frontiers in Endocrinology</i> , 2018, 9, 470.	3.5	27
24	A contemporary review of male breast cancer: current evidence and unanswered questions. <i>Cancer and Metastasis Reviews</i> , 2018, 37, 599-614.	5.9	63
25	Krüppel-Like Factor 10 participates in cervical cancer immunoediting through transcriptional regulation of Pregnancy-Specific Beta-1 Glycoproteins. <i>Scientific Reports</i> , 2018, 8, 9445.	3.3	11
26	Osteoprotection Through the Deletion of the Transcription Factor Ror $\gamma$ in Mice. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 720-731.	2.8	21
27	17 $\beta$ -Estradiol Alleviates Age-related Metabolic and Inflammatory Dysfunction in Male Mice Without Inducing Feminization. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, 3-15.	3.6	91
28	Krüppel-like Transcription Factor KLF10 Suppresses TGF $\beta$ -Induced Epithelial-to-Mesenchymal Transition via a Negative Feedback Mechanism. <i>Cancer Research</i> , 2017, 77, 2387-2400.	0.9	51
29	TIEG1 modulates $\beta$ -catenin sub-cellular localization and enhances Wnt signaling in bone. <i>Nucleic Acids Research</i> , 2017, 45, 5170-5182.	14.5	21
30	Skeletal and Uterotrophic Effects of Endoxifen in Female Rats. <i>Endocrinology</i> , 2017, 158, 3354-3368.	2.8	6
31	Differential Expression of Estrogen Receptor Variants in Response to Inflammation Signals in Human Airway Smooth Muscle. <i>Journal of Cellular Physiology</i> , 2017, 232, 1754-1760.	4.1	26
32	BRD4 localization to lineage-specific enhancers is associated with a distinct transcription factor repertoire. <i>Nucleic Acids Research</i> , 2017, 45, 127-141.	14.5	90
33	Impact of TIEG1 on the structural properties of fast- and slow-twitch skeletal muscle. <i>Muscle and Nerve</i> , 2017, 55, 410-416.	2.2	15
34	Comprehensive assessment of estrogen receptor beta antibodies in cancer cell line models and tissue reveals critical limitations in reagent specificity. <i>Molecular and Cellular Endocrinology</i> , 2017, 440, 138-150.	3.2	91
35	First-in-Human Phase I Study of the Tamoxifen Metabolite Z-Endoxifen in Women With Endocrine-Refractory Metastatic Breast Cancer. <i>Journal of Clinical Oncology</i> , 2017, 35, 3391-3400.	1.6	58
36	ER $\beta$ inhibits cyclin dependent kinases 1 and 7 in triple negative breast cancer. <i>Oncotarget</i> , 2017, 8, 96506-96521.	1.8	35

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37	KLF10 Mediated Epigenetic Dysregulation of Epithelial CD40/CD154 Promotes Endometriosis. <i>Biology of Reproduction</i> , 2016, 95, 62-62.	2.7	10
38	Klotho/fibroblast growth factor 23- and PTH-independent estrogen receptor- $\alpha$ -mediated direct downregulation of NaPi-IIa by estrogen in the mouse kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, F249-F259.	2.7	19
39	CTNNB1 Mutations and Estrogen Receptor Expression in Neuromuscular Choristoma and Its Associated Fibromatosis. <i>American Journal of Surgical Pathology</i> , 2016, 40, 1368-1374.	3.7	25
40	TIEG1 enhances Osterix expression and mediates its induction by TGF $\beta$ 2 and BMP2 in osteoblasts. <i>Biochemical and Biophysical Research Communications</i> , 2016, 470, 528-533.	2.1	18
41	Impact of TIEG1 Deletion on the Passive Mechanical Properties of Fast and Slow Twitch Skeletal Muscles in Female Mice. <i>PLoS ONE</i> , 2016, 11, e0164566.	2.5	26
42	ER $\beta$ Expression and Breast Cancer Risk Prediction for Women with Atypias. <i>Cancer Prevention Research</i> , 2015, 8, 1084-1092.	1.5	16
43	Estrogen directly and specifically downregulates NaPi-IIa through the activation of both estrogen receptor isoforms (ER $\alpha$ and ER $\beta$ ) in rat kidney proximal tubule. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, F522-F534.	2.7	16
44	Klotho/fgf23-independent and ER $\alpha$ -mediated Downregulation of NaPi-IIa and NaPi-IIc by Estrogen in the Mouse Kidney Proximal Tubule. <i>FASEB Journal</i> , 2015, 29, 970.2.	0.5	0
45	The Effects of a Novel Hormonal Breast Cancer Therapy, Endoxifen, on the Mouse Skeleton. <i>PLoS ONE</i> , 2014, 9, e98219.	2.5	8
46	ER $\beta$ 1: characterization, prognosis, and evaluation of treatment strategies in ER $\alpha$ -positive and -negative breast cancer. <i>BMC Cancer</i> , 2014, 14, 749.	2.6	53
47	TGF $\beta$ 2 Inducible Early Gene-1 Plays an Important Role in Mediating Estrogen Signaling in the Skeleton. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 1206-1216.	2.8	18
48	Aurora-A Mitotic Kinase Induces Endocrine Resistance through Down-Regulation of ER $\alpha$ Expression in Initially ER $\alpha$ + Breast Cancer Cells. <i>PLoS ONE</i> , 2014, 9, e96995.	2.5	30
49	Abstract 673: KLF10 is a Critical Mediator of Wnt Signaling in Aortic Valve Interstitial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, .	2.4	0
50	Research Resource: Global Identification of Estrogen Receptor $\beta$ Target Genes in Triple Negative Breast Cancer Cells. <i>Molecular Endocrinology</i> , 2013, 27, 1762-1775.	3.7	52
51	Runx2 Protein Represses Axin2 Expression in Osteoblasts and Is Required for Craniosynostosis in Axin2-deficient Mice*. <i>Journal of Biological Chemistry</i> , 2013, 288, 5291-5302.	3.4	30
52	Endoxifen's Molecular Mechanisms of Action Are Concentration Dependent and Different than That of Other Anti-Estrogens. <i>PLoS ONE</i> , 2013, 8, e54613.	2.5	38
53	TGF $\beta$ -inducible early gene-1 ( <i>TIEG1</i> ) mutations in hypertrophic cardiomyopathy. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 1896-1903.	2.6	24
54	Development, characterization, and applications of a novel estrogen receptor beta monoclonal antibody. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 711-723.	2.6	44

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55	Estrogen receptor-beta sensitizes breast cancer cells to the anti-estrogenic actions of endoxifen. <i>Breast Cancer Research</i> , 2011, 13, R27.	5.0	58
56	TGF- $\beta^2$ Inducible Early Gene 1 Regulates Osteoclast Differentiation and Survival by Mediating the NFATc1, AKT, and MEK/ERK Signaling Pathways. <i>PLoS ONE</i> , 2011, 6, e17522.	2.5	39
57	TIEG1/KLF10 Modulates Runx2 Expression and Activity in Osteoblasts. <i>PLoS ONE</i> , 2011, 6, e19429.	2.5	39
58	Functional role of KLF10 in multiple disease processes. <i>BioFactors</i> , 2010, 36, 8-18.	5.4	96
59	Retinoblastoma binding protein-1 (RBP1) is a Runx2 coactivator and promotes osteoblastic differentiation. <i>BMC Musculoskeletal Disorders</i> , 2010, 11, 104.	1.9	20
60	Histone demethylase JARID1B/KDM5B is a corepressor of TIEG1/KLF10. <i>Biochemical and Biophysical Research Communications</i> , 2010, 401, 412-416.	2.1	49
61	Co-stimulation of the Bone-related Runx2 P1 Promoter in Mesenchymal Cells by SP1 and ETS Transcription Factors at Polymorphic Purine-rich DNA Sequences (Y-repeats). <i>Journal of Biological Chemistry</i> , 2009, 284, 3125-3135.	3.4	70
62	The Tamoxifen Metabolite, Endoxifen, Is a Potent Antiestrogen that Targets Estrogen Receptor $\beta$ for Degradation in Breast Cancer Cells. <i>Cancer Research</i> , 2009, 69, 1722-1727.	0.9	200
63	TIEG1-NULL OSTEOCYTES DISPLAY DEFECTS IN THEIR MORPHOLOGY, DENSITY AND SURROUNDING BONE MATRIX. <i>Journal of Musculoskeletal Research</i> , 2009, 12, 127-136.	0.2	8
64	Estrogen Receptor $\beta$ Isoform-Specific Induction of Transforming Growth Factor $\beta$ -Inducible Early Gene-1 in Human Osteoblast Cells: An Essential Role for the Activation Function 1 Domain. <i>Molecular Endocrinology</i> , 2008, 22, 1579-1595.	3.7	44
65	Synergistic regulation of the Runx2 P1 promoter in mesenchymal cells by a conserved HLH box and purine-rich elements (GAY motifs). <i>FASEB Journal</i> , 2008, 22, 782.17.	0.5	0
66	Role of TIEG1 in biological processes and disease states. <i>Journal of Cellular Biochemistry</i> , 2007, 102, 539-548.	2.6	75
67	TGF- $\beta^2$ inducible early gene-1 knockout mice display defects in bone strength and microarchitecture. <i>Bone</i> , 2006, 39, 1244-1251.	2.9	62
68	Age-dependent changes in the mechanical properties of tail tendons in TGF- $\beta^2$ inducible early gene-1 knockout mice. <i>Journal of Applied Physiology</i> , 2006, 101, 1419-1424.	2.5	32
69	Estrogen Receptor Isoform-specific Regulation of the Retinoblastoma-binding Protein 1 (RBBP1) Gene. <i>Journal of Biological Chemistry</i> , 2006, 281, 28596-28604.	3.4	25
70	Identification of global gene expression differences between human lens epithelial and cortical fiber cells reveals specific genes and their associated pathways important for specialized lens cell functions. <i>Molecular Vision</i> , 2005, 11, 274-83.	1.1	34