

Douglas W Strand

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

2,640
citations

218677

26
h-index

214800

47
g-index

74
all docs

74
docs citations

74
times ranked

4564
citing authors

#	ARTICLE	IF	CITATIONS
1	Cancer associated fibroblasts in cancer pathogenesis. <i>Seminars in Cell and Developmental Biology</i> , 2010, 21, 33-39.	5.0	323
2	Identification of functionally distinct fibro-inflammatory and adipogenic stromal subpopulations in visceral adipose tissue of adult mice. <i>ELife</i> , 2018, 7, .	6.0	227
3	A Cellular Anatomy of the Normal Adult Human Prostate and Prostatic Urethra. <i>Cell Reports</i> , 2018, 25, 3530-3542.e5.	6.4	204
4	Molecular Evolution of Early-Onset Prostate Cancer Identifies Molecular Risk Markers and Clinical Trajectories. <i>Cancer Cell</i> , 2018, 34, 996-1011.e8.	16.8	190
5	Altered TGF- β 2 Signaling in a Subpopulation of Human Stromal Cells Promotes Prostatic Carcinogenesis. <i>Cancer Research</i> , 2011, 71, 1272-1281.	0.9	158
6	Fibroblast growth factor-2 mediates transforming growth factor- β 2 action in prostate cancer reactive stroma. <i>Oncogene</i> , 2008, 27, 450-459.	5.9	80
7	Non-Cell-Autonomous Regulation of Prostate Epithelial Homeostasis by Androgen Receptor. <i>Molecular Cell</i> , 2016, 63, 976-989.	9.7	80
8	Functional Remodeling of Benign Human Prostatic Tissues <i>In Vivo</i> by Spontaneously Immortalized Progenitor and Intermediate Cells. <i>Stem Cells</i> , 2010, 28, 344-356.	3.2	68
9	The Role of Transforming Growth Factor- β 2-Mediated Tumor-Stroma Interactions in Prostate Cancer Progression: An Integrative Approach. <i>Cancer Research</i> , 2009, 69, 7111-7120.	0.9	61
10	Identification and characterization of cellular heterogeneity within the developing renal interstitium. <i>Development (Cambridge)</i> , 2020, 147, .	2.5	59
11	Pathologic HIF1 α signaling drives adipose progenitor dysfunction in obesity. <i>Cell Stem Cell</i> , 2021, 28, 685-701.e7.	11.1	57
12	Expansion of Luminal Progenitor Cells in the Aging Mouse and Human Prostate. <i>Cell Reports</i> , 2019, 28, 1499-1510.e6.	6.4	56
13	Perivascular mesenchymal cells control adipose-tissue macrophage accrual in obesity. <i>Nature Metabolism</i> , 2020, 2, 1332-1349.	11.9	53
14	Urethral luminal epithelia are castration-insensitive cells of the proximal prostate. <i>Prostate</i> , 2020, 80, 872-884.	2.3	53
15	NF- κ B and androgen receptor variant expression correlate with human BPH progression. <i>Prostate</i> , 2016, 76, 491-511.	2.3	49
16	PPAR β isoforms differentially regulate metabolic networks to mediate mouse prostatic epithelial differentiation. <i>Cell Death and Disease</i> , 2012, 3, e361-e361.	6.3	48
17	Targeting phenotypic heterogeneity in benign prostatic hyperplasia. <i>Differentiation</i> , 2017, 96, 49-61.	1.9	48
18	Serum MicroRNA-371a-3p Levels Predict Viable Germ Cell Tumor in Chemotherapy-naïve Patients Undergoing Retroperitoneal Lymph Node Dissection. <i>European Urology</i> , 2020, 77, 290-292.	1.9	48

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19	SOX2 expression in the developing, adult, as well as, diseased prostate. Prostate Cancer and Prostatic Diseases, 2014, 17, 301-309.	3.9	44
20	PPAR β : A molecular link between systemic metabolic disease and benign prostate hyperplasia. Differentiation, 2011, 82, 220-236.	1.9	41
21	FOXA1 deletion in luminal epithelium causes prostatic hyperplasia and alteration of differentiated phenotype. Laboratory Investigation, 2014, 94, 726-739.	3.7	39
22	Single-cell analysis of mouse and human prostate reveals novel fibroblasts with specialized distribution and microenvironment interactions. Journal of Pathology, 2021, 255, 141-154.	4.5	39
23	Estrogen receptor coregulator binding modulators (ERXs) effectively target estrogen receptor positive human breast cancers. ELife, 2017, 6, .	6.0	38
24	Perspectives on Tissue Interactions in Development and Disease. Current Molecular Medicine, 2010, 10, 95-112.	1.3	37
25	Surgical intervention for symptomatic benign prostatic hyperplasia is correlated with expression of the AP-1 transcription factor network. Prostate, 2014, 74, 669-679.	2.3	37
26	TGF- β 1 Induces an Age-Dependent Inflammation of Nerve Ganglia and Fibroplasia in the Prostate Gland Stroma of a Novel Transgenic Mouse. PLoS ONE, 2010, 5, e13751.	2.5	36
27	SPARCL1 suppresses metastasis in prostate cancer. Molecular Oncology, 2013, 7, 1019-1030.	4.6	32
28	Stromal reactivity differentially drives tumour cell evolution and prostate cancer progression. Nature Ecology and Evolution, 2020, 4, 870-884.	7.8	30
29	Real-World Application of Pre-Orchiectomy miR-371a-3p Test in Testicular Germ Cell Tumor Management. Journal of Urology, 2021, 205, 137-144.	0.4	28
30	5 α -Reductase inhibitors induce a prostate luminal to club cell transition in human benign prostatic hyperplasia. Journal of Pathology, 2022, 256, 427-441.	4.5	28
31	Nfib Regulates Transcriptional Networks That Control the Development of Prostatic Hyperplasia. Endocrinology, 2016, 157, 1094-1109.	2.8	27
32	Serum Small RNA Sequencing and miR-375 Assay Do Not Identify the Presence of Pure Teratoma at Postchemotherapy Retroperitoneal Lymph Node Dissection. European Urology Open Science, 2021, 26, 83-87.	0.4	26
33	Advances in prostate cancer research models: From transgenic mice to tumor xenografting models. Asian Journal of Urology, 2016, 3, 64-74.	1.2	25
34	Androgenic to oestrogenic switch in the human adult prostate gland is regulated by epigenetic silencing of steroid 5 α -reductase 2. Journal of Pathology, 2017, 243, 457-467.	4.5	24
35	The many ways to make a luminal cell and a prostate cancer cell. Endocrine-Related Cancer, 2015, 22, T187-T197.	3.1	23
36	Deficiency in Metabolic Regulators PPAR β and PTEN Cooperates to Drive Keratinizing Squamous Metaplasia in Novel Models of Human Tissue Regeneration. American Journal of Pathology, 2013, 182, 449-459.	3.8	22

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37	NF- κ B and androgen receptor variant 7 induce expression of SRD5A isoforms and confer 5ARI resistance. Prostate, 2016, 76, 1004-1018.	2.3	22
38	Isolation and analysis of discreet human prostate cellular populations. Differentiation, 2016, 91, 139-151.	1.9	16
39	Obesity-associated inflammation induces androgenic to estrogenic switch in the prostate gland. Prostate Cancer and Prostatic Diseases, 2020, 23, 465-474.	3.9	15
40	Chronic Cyclic Bladder Over Distention Up-Regulates Hypoxia Dependent Pathways. Journal of Urology, 2013, 190, 1603-1609.	0.4	13
41	Prostate cancer xenografts and hormone induced prostate carcinogenesis. Differentiation, 2017, 97, 23-32.	1.9	13
42	Molecular pathogenesis of human prostate basal cell hyperplasia. Prostate, 2017, 77, 1344-1355.	2.3	12
43	Prostatic collagen architecture in neutered and intact canines. Prostate, 2018, 78, 839-848.	2.3	11
44	Progenitors in prostate development and disease. Developmental Biology, 2021, 473, 50-58.	2.0	10
45	Spontaneous immortalization of human dermal microvascular endothelial cells. World Journal of Stem Cells, 2010, 2, 114.	2.8	8
46	Modeling stromal-epithelial interactions in disease progression. Discovery Medicine, 2010, 9, 504-11.	0.5	8
47	Tissue-Specific Regulation of the Wnt/ β -Catenin Pathway by PAGE4 Inhibition of Tankyrase. Cell Reports, 2020, 32, 107922.	6.4	7
48	The Roles of ZnT1 and ZnT4 in Glucose-Stimulated Zinc Secretion in Prostate Epithelial Cells. Molecular Imaging and Biology, 2021, 23, 230-240.	2.6	7
49	A multi-omic investigation of male lower urinary tract symptoms: Potential role for JC virus. PLoS ONE, 2021, 16, e0246266.	2.5	7
50	Glucocorticoids are induced while dihydrotestosterone levels are suppressed in 5 α -reductase inhibitor treated human benign prostate hyperplasia patients. Prostate, 2022, 82, 1378-1388.	2.3	7
51	OMIP-040: Optimized gating of human prostate cellular subpopulations. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2017, 91, 1147-1149.	1.5	6
52	The prostaglandin pathway is activated in patients who fail medical therapy for benign prostatic hyperplasia with lower urinary tract symptoms. Prostate, 2021, 81, 944-955.	2.3	5
53	A Review of Prostate Organogenesis and a Role for iPSC-Derived Prostate Organoids to Study Prostate Development and Disease. International Journal of Molecular Sciences, 2021, 22, 13097.	4.1	5
54	A mechanism linking perinatal 2,3,7,8 tetrachlorodibenzo-p-dioxin exposure to lower urinary tract dysfunction in adulthood. DMM Disease Models and Mechanisms, 2021, 14, .	2.4	4

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55	DNA methylation in development and disease: an overview for prostate researchers. American Journal of Clinical and Experimental Urology, 2018, 6, 197-218.	0.4	4
56	Distinct expression patterns of SULT2B1b in human prostate epithelium. Prostate, 2019, 79, 1256-1266.	2.3	3
57	PSA density is associated with BPH cellular composition. Prostate, 2022, 82, 1162-1169.	2.3	3
58	MRI Features Associated with Histology of Benign Prostatic Hyperplasia Nodules: Generation of a Predictive Model. Journal of Endourology, 2022, 36, 381-386.	2.1	1
59	Serum microRNA-371a-3p levels to predict viable germ cell tumor in chemotherapy-naïve patients undergoing retroperitoneal lymph node dissection.. Journal of Clinical Oncology, 2020, 38, 417-417.	1.6	1
60	Modeling Stromalâ€“Epithelial Interactions. , 2012, , 417-442.		0
61	MP17-07 ANDROGENIC TO ESTROGENIC SWITCH IN PROSTATE GLAND AS A RESULT OF EPIGENETIC SILENCING OF STEROID 5-? REDUCTASE 2. Journal of Urology, 2017, 197, .	0.4	0
62	EDITORIAL COMMENT. Urology, 2019, 129, 163-164.	1.0	0
63	Abstract PR15: The prognostic power of stromal reactivity: An integrated approach to prostate cancer evolution. , 2015, , .		0
64	Abstract 860: ESR1 coregulator binding inhibitor (ECBI): a novel agent for treating hormone therapy-resistant breast cancer. , 2016, , .		0