

NELL2-mediated lumicrine signaling through OVCH2 is

Science

368, 1132-1135

DOI: [10.1126/science.aay5134](https://doi.org/10.1126/science.aay5134)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Roles of Slit Ligands and Their Roundabout (Robo) Family of Receptors in Bone Remodeling. <i>Advances in Experimental Medicine and Biology</i> , 2020, 21, 143-154.	0.8	6
2	ADAM28: Another ambivalent protease in cancer. <i>Cancer Letters</i> , 2020, 494, 18-26.	3.2	10
3	Testicular-borne factors affect sperm fertility. <i>Science</i> , 2020, 368, 1053-1054.	6.0	2
4	Discovery of potent thrombin inhibitors from a protease-focused DNA-encoded chemical library. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 16782-16789.	3.3	40
5	ROS1-dependent cancers â€” biology, diagnostics and therapeutics. <i>Nature Reviews Clinical Oncology</i> , 2021, 18, 35-55.	12.5	134
6	Deleterious variants in genes regulating mammalian reproduction in Neanderthals, Denisovans and extant humans. <i>Human Reproduction</i> , 2021, 36, 734-755.	0.4	5
7	An Extracellular Matrix-Based Signature Associated With Immune Microenvironment Predicts the Prognosis and Therapeutic Responses of Patients With Oesophageal Squamous Cell Carcinoma. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 598427.	1.6	8
8	Dissecting the PRSS37 interactome and potential mechanisms leading to ADAM3 loss in PRSS37-null sperm. <i>Journal of Cell Science</i> , 2021, 134, .	1.2	11
9	ROS-1 NSCLC therapy resistance mechanism. <i>Precision Cancer Medicine</i> , 0, 4, 16-16.	1.8	4
10	Spatiotemporal Small Non-coding RNAs Expressed in the Germline as an Early Biomarker of Testicular Toxicity and Transgenerational Effects Caused by Prenatal Exposure to Nanosized Particles. <i>Frontiers in Toxicology</i> , 2021, 3, 691070.	1.6	5
11	NELL2 modulates cell proliferation and apoptosis via ERK pathway in the development of benign prostatic hyperplasia. <i>Clinical Science</i> , 2021, 135, 1591-1608.	1.8	19
13	Examination of testicular lumicrine regulation of activins and immunoregulatory genes in the epididymal caput. <i>Andrology</i> , 2022, 10, 190-201.	1.9	2
14	Three-dimensional analysis of mesonephric tubules remodeling into efferent tubules in the male mouse embryo. <i>Developmental Dynamics</i> , 2022, 251, 513-524.	0.8	8
15	The conserved fertility factor SPACA4/Bouncer has divergent modes of action in vertebrate fertilization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	27
16	Tackling Refractory Metastatic Colorectal Cancer: Future Perspectives. <i>Cancers</i> , 2021, 13, 4506.	1.7	11
17	Genes Regulating Spermatogenesis and Sperm Function Associated With Rare Disorders. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 634536.	1.8	27
18	Male fertility: review of the publications of April â€” June 2020. <i>Urology Herald</i> , 2020, 8, 111-119.	0.1	1
19	Deepening the Knowledge of ROS1 Rearrangements in Non-Small Cell Lung Cancer: Diagnosis, Treatment, Resistance and Concomitant Alterations. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12867.	1.8	13

#	ARTICLE	IF	CITATIONS
21	H3K27ac chromatin acetylation and gene expression analysis reveal sex- and situs-related differences in developing chicken gonads. <i>Biology of Sex Differences</i> , 2022, 13, 6.	1.8	7
22	Anatomical Transcriptome Atlas of the Male Mouse Reproductive System During Aging. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 782824.	1.8	8
23	Calcium Homeostasis in the Epididymal Microenvironment: Is Extracellular Calcium a Cofactor for Matrix Gla Protein-Dependent Scavenging Regulated by Vitamins. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 827940.	1.8	7
24	Identifying pleiotropic variants and candidate genes for fertility and reproduction traits in Holstein cattle via association studies based on imputed whole-genome sequence genotypes. <i>BMC Genomics</i> , 2022, 23, 331.	1.2	17
25	Proteolysis in Reproduction: Lessons From Gene-Modified Organism Studies. <i>Frontiers in Endocrinology</i> , 2022, 13, .	1.5	8
26	Possible testosterone redundancy for 5 α -dihydrotestosterone in the masculinization of mouse external genitalia. <i>Experimental Animals</i> , 2022, 71, 451-459.	0.7	3
27	Tissue hydraulics in reproduction. <i>Seminars in Cell and Developmental Biology</i> , 2022, , .	2.3	5
28	Conformational Change of the Hairpin-Like-Structured Robo2 Ectodomain Allows Nell1/2 Binding. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
29	Transcriptional Regulatory Role of NELL2 in Preproenkephalin Gene Expression. <i>Molecules and Cells</i> , 2022, 45, 537-549.	1.0	4
30	An integrative approach to uncover the components, mechanisms, and functions of traditional Chinese medicine prescriptions on male infertility. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	4
31	Current treatments for non-small cell lung cancer. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	18
32	Conformational Change of the Hairpin-like-structured Robo2 Ectodomain Allows NELL1/2 Binding. <i>Journal of Molecular Biology</i> , 2022, 434, 167777.	2.0	0
33	Reconstitution of reproductive organ system that produces functional oocytes. <i>Current Opinion in Genetics and Development</i> , 2022, 77, 101982.	1.5	1
34	The molecular mechanisms of mammalian sperm maturation regulated by NELL2-ROS1 lumicrine signaling. <i>Journal of Biochemistry</i> , 2022, 172, 341-346.	0.9	5
35	Genome editing in mice and its application to the study of spermatogenesis. <i>Gene and Genome Editing</i> , 2022, , 100014.	1.3	0
36	Positioning-dependent bidirectional NELL2 signaling in the brain. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	0
37	ADK-VR2, a cell line derived from a treatment-naïve patient with SDC4-ROS1 fusion-positive primarily crizotinib-resistant NSCLC: a novel preclinical model for new drug development of ROS1-rearranged NSCLC. <i>Translational Lung Cancer Research</i> , 2022, 11, 2216-2229.	1.3	3
38	CRISPR/Cas9-mediated disruption of <i>lipocalins</i> , <i>Ly6g5b</i> , and <i>Ly6g5c</i> causes male subfertility in mice. <i>Andrology</i> , 0, , .	1.9	4

#	ARTICLE	IF	CITATIONS
39	Vasopressin V1a receptor and oxytocin receptor regulate murine sperm motility differently. <i>Life Science Alliance</i> , 2023, 6, e202201488.	1.3	1
40	Comprehensive proteomic characterization and functional annotation of Siberian sturgeon seminal plasma proteins. <i>Aquaculture</i> , 2023, 568, 739326.	1.7	1
41	MMPs, ADAMs and ADAMTSs are associated with mammalian sperm fate. <i>Theriogenology</i> , 2023, 200, 147-154.	0.9	2
42	ROS1 in non-small-cell lung carcinoma: A narrative review. <i>Cancer Research Statistics and Treatment</i> , 2022, 5, 692.	0.1	6
43	Deficiency of primate-specific SSX1 induced asthenoteratozoospermia in infertile men and cynomolgus monkey and tree shrew models. <i>American Journal of Human Genetics</i> , 2023, 110, 516-530.	2.6	5