

Hugo Vankelecom

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

3,252
citations

201658

27
h-index

155644

55
g-index

59
all docs

59
docs citations

59
times ranked

2473
citing authors

#	ARTICLE	IF	CITATIONS
1	Patient-derived organoids from endometrial disease capture clinical heterogeneity and are amenable to drug screening. <i>Nature Cell Biology</i> , 2019, 21, 1041-1051.	10.3	281
2	Production of Interleukin-6 by Folliculo-Stellate Cells of the Anterior Pituitary Gland in a Histiotypic Cell Aggregate Culture System. <i>Neuroendocrinology</i> , 1989, 49, 102-106.	2.5	276
3	The Adult Pituitary Contains a Cell Population Displaying Stem/Progenitor Cell and Early Embryonic Characteristics. <i>Endocrinology</i> , 2005, 146, 3985-3998.	2.8	228
4	Development of organoids from mouse and human endometrium showing endometrial epithelium physiology and long-term expandability. <i>Development (Cambridge)</i> , 2017, 144, 1775-1786.	2.5	228
5	Human blastoids model blastocyst development and implantation. <i>Nature</i> , 2022, 601, 600-605.	27.8	220
6	History and perspectives of pituitary folliculo-stellate cell research. <i>European Journal of Endocrinology</i> , 2005, 153, 1-12.	3.7	197
7	Pituitary Progenitor Cells Tracked Down by Side Population Dissection. <i>Stem Cells</i> , 2009, 27, 1182-1195.	3.2	138
8	Developing Organoids from Ovarian Cancer as Experimental and Preclinical Models. <i>Stem Cell Reports</i> , 2020, 14, 717-729.	4.8	105
9	Interferon-7 Inhibits Stimulated Adrenocorticotropin, Prolactin, and Growth Hormone Secretion in Normal Rat Anterior Pituitary Cell Cultures*. <i>Endocrinology</i> , 1990, 126, 2919-2926.	2.8	97
10	The Adult Pituitary Shows Stem/Progenitor Cell Activation in Response to Injury and Is Capable of Regeneration. <i>Endocrinology</i> , 2012, 153, 3224-3235.	2.8	87
11	Activated Phenotype of the Pituitary Stem/Progenitor Cell Compartment During the Early-Postnatal Maturation Phase of the Gland. <i>Stem Cells and Development</i> , 2012, 21, 801-813.	2.1	87
12	Nestin-Immunoreactive Cells in Rat Pituitary Are neither Hormonal nor Typical Folliculo-Stellate Cells. <i>Endocrinology</i> , 2005, 146, 2376-2387.	2.8	86
13	The Notch Signaling System Is Present in the Postnatal Pituitary: Marked Expression and Regulatory Activity in the Newly Discovered Side Population. <i>Molecular Endocrinology</i> , 2006, 20, 3293-3307.	3.7	80
14	Pituitary stem cells: Where do we stand?. <i>Molecular and Cellular Endocrinology</i> , 2014, 385, 2-17.	3.2	71
15	Pituitary tumors contain a side population with tumor stem cell-associated characteristics. <i>Endocrine-Related Cancer</i> , 2015, 22, 481-504.	3.1	70
16	An autophagy-driven pathway of ATP secretion supports the aggressive phenotype of BRAF ^{V600E} inhibitor-resistant metastatic melanoma cells. <i>Autophagy</i> , 2017, 13, 1512-1527.	9.1	70
17	Role of cancer stem cells in pancreatic ductal adenocarcinoma. <i>Nature Reviews Clinical Oncology</i> , 2009, 6, 580-586.	27.6	68
18	Stem cells in the pituitary gland: A burgeoning field. <i>General and Comparative Endocrinology</i> , 2010, 166, 478-488.	1.8	67

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19	Pituitary stem/progenitor cells: embryonic players in the adult gland?. <i>European Journal of Neuroscience</i> , 2010, 32, 2063-2081.	2.6	65
20	Stem Cells in the Postnatal Pituitary?. <i>Neuroendocrinology</i> , 2007, 85, 110-130.	2.5	55
21	Non-hormonal cell types in the pituitary candidating for stem cell. <i>Seminars in Cell and Developmental Biology</i> , 2007, 18, 559-570.	5.0	54
22	Regenerative Capacity of the Adult Pituitary: Multiple Mechanisms of Lactotrope Restoration After Transgenic Ablation. <i>Stem Cells and Development</i> , 2012, 21, 3245-3257.	2.1	52
23	The Human Melanoma Side Population Displays Molecular and Functional Characteristics of Enriched Chemoresistance and Tumorigenesis. <i>PLoS ONE</i> , 2013, 8, e76550.	2.5	43
24	Organoids from pituitary as a novel research model toward pituitary stem cell exploration. <i>Journal of Endocrinology</i> , 2019, 240, 287-308.	2.6	39
25	Regeneration in the Pituitary After Cell-Ablation Injury: Time-Related Aspects and Molecular Analysis. <i>Endocrinology</i> , 2016, 157, 705-721.	2.8	37
26	Paracrine communication in the anterior pituitary as studied in reaggregate cell cultures. <i>Microscopy Research and Technique</i> , 1997, 39, 150-156.	2.2	36
27	Functional expression of the mechanosensitive PIEZO1 channel in primary endometrial epithelial cells and endometrial organoids. <i>Scientific Reports</i> , 2019, 9, 1779.	3.3	36
28	Pituitary stem cell regulation: who is pulling the strings?. <i>Journal of Endocrinology</i> , 2017, 234, R135-R158.	2.6	25
29	Interleukin-6 is an activator of pituitary stem cells upon local damage, a competence quenched in the aging gland. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	25
30	Intertwined Signaling Pathways Governing Tooth Development: A Give-and-Take Between Canonical Wnt and Shh. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 758203.	3.7	24
31	Pituitary Stem Cells Drop Their Mask. <i>Current Stem Cell Research and Therapy</i> , 2012, 7, 36-71.	1.3	23
32	Murine Endometrial Organoids to Model Chlamydia Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 416.	3.9	22
33	Pituitary Remodeling Throughout Life: Are Resident Stem Cells Involved?. <i>Frontiers in Endocrinology</i> , 2020, 11, 604519.	3.5	20
34	Major depletion of SOX2+ stem cells in the adult pituitary is not restored which does not affect hormonal cell homeostasis and remodelling. <i>Scientific Reports</i> , 2017, 7, 16940.	3.3	18
35	The Stem Cell Connection of Pituitary Tumors. <i>Frontiers in Endocrinology</i> , 2017, 8, 339.	3.5	17
36	Pituitary cell differentiation from stem cells and other cells: toward restorative therapy for hypopituitarism?. <i>Regenerative Medicine</i> , 2014, 9, 513-534.	1.7	16

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37	Notch system is differentially expressed and activated in pituitary adenomas of distinct histotype, tumor cell lines and normal pituitaries. <i>Oncotarget</i> , 2017, 8, 57072-57088.	1.8	16
38	Organoids can be established reliably from cryopreserved biopsy catheter-derived endometrial tissue of infertile women. <i>Reproductive BioMedicine Online</i> , 2020, 41, 465-473.	2.4	16
39	Inhibition of Notch signaling attenuates pituitary adenoma growth in Nude mice. <i>Endocrine-Related Cancer</i> , 2019, 26, 13-29.	3.1	15
40	Organoids of the Female Reproductive Tract: Innovative Tools to Study Desired to Unwelcome Processes. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 661472.	3.7	15
41	Gene expression changes in melanoma metastases in response to high-dose chemotherapy during isolated limb perfusion. <i>Pigment Cell and Melanoma Research</i> , 2012, 25, 454-465.	3.3	13
42	In vitro modelling of the physiological and diseased female reproductive system. <i>Acta Biomaterialia</i> , 2021, 132, 288-312.	8.3	12
43	Organoids from human tooth showing epithelial stemness phenotype and differentiation potential. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 153.	5.4	12
44	Targeted ablation of gonadotrophs in transgenic mice depresses prolactin but not growth hormone gene expression at birth as measured by quantitative mRNA detection. <i>Journal of Biomedical Science</i> , 2003, 10, 805-812.	7.0	10
45	Protocol for establishing organoids from human ovarian cancer biopsies. <i>STAR Protocols</i> , 2021, 2, 100429.	1.2	10
46	Decoding the activated stem cell phenotype of the neonatally maturing pituitary. <i>ELife</i> , 0, 11, .	6.0	10
47	Traumatic brain injury and resultant pituitary dysfunction: insights from experimental animal models. <i>Pituitary</i> , 2019, 22, 212-219.	2.9	9
48	Modeling Endometrium Biology and Disease. <i>Journal of Personalized Medicine</i> , 2022, 12, 1048.	2.5	9
49	Cancer stem cells in cutaneous melanoma. <i>Expert Review of Dermatology</i> , 2009, 4, 225-235.	0.3	8
50	Pituitary Stem Cells: Quest for Hidden Functions. <i>Research and Perspectives in Endocrine Interactions</i> , 2016, , 81-101.	0.2	8
51	Interferon- β in neuroimmunology and endocrinology. <i>Advances in Neuroimmunology</i> , 1992, 2, 139-161.	1.8	7
52	Development of Organoids from Mouse Pituitary as In Vitro Model to Explore Pituitary Stem Cell Biology. <i>Journal of Visualized Experiments</i> , 2022, , .	0.3	6
53	Targeted Ablation of Gonadotrophs in Transgenic Mice Depresses Prolactin but Not Growth Hormone Gene Expression at Birth as Measured by Quantitative mRNA Detection. <i>Journal of Biomedical Science</i> , 2003, 10, 805-812.	7.0	6
54	Pituitary disease and recovery: How are stem cells involved?. <i>Molecular and Cellular Endocrinology</i> , 2021, 525, 111176.	3.2	2

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55	Transnasal transsphenoidal pituitary surgery in a large tertiary hospital, a retrospective study. Acta Chirurgica Belgica, 2023, 123, 272-280.	0.4	1
56	Endometriosis Organoids: Prospects and Challenges. Reproductive BioMedicine Online, 2022, , .	2.4	1
57	Establishing Organoids from Human Tooth as a Powerful Tool toward Mechanistic Research and Regenerative Therapy. Journal of Visualized Experiments, 2022, , .	0.3	1
58	The human pituitary master gland stripped to single-cell resolution. Nature Reviews Endocrinology, 2022, 18, 395-396.	9.6	1