

# Itamar Barash

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

516  
citations

840776

11  
h-index

888059

17  
g-index

20  
all docs

20  
docs citations

20  
times ranked

499  
citing authors

#	ARTICLE	IF	CITATIONS
1	Overexpression and forced activation of stat5 in mammary gland of transgenic mice promotes cellular proliferation, enhances differentiation, and delays postlactational apoptosis. <i>Molecular Cancer Research</i> , 2002, 1, 32-47.	3.4	98
2	Deregulation of Stat5 expression and activation causes mammary tumors in transgenic mice. <i>International Journal of Cancer</i> , 2004, 112, 607-619.	5.1	79
3	Role of amino acids in translational mechanisms governing milk protein synthesis in murine and ruminant mammary epithelial cells. <i>Journal of Cellular Biochemistry</i> , 2006, 98, 685-700.	2.6	63
4	Cell Hierarchy and Lineage Commitment in the Bovine Mammary Gland. <i>PLoS ONE</i> , 2012, 7, e30113.	2.5	58
5	Negative effects of the amino acids Lys, His, and Thr on S6K1 phosphorylation in mammary epithelial cells. <i>Journal of Cellular Biochemistry</i> , 2008, 105, 1038-1047.	2.6	44
6	Conditional repression of STAT5 expression during lactation reveals its exclusive roles in mammary gland morphology, milk protein gene expression, and neonate growth. <i>Molecular Reproduction and Development</i> , 2011, 78, 585-596.	2.0	26
7	Tumors caused by overexpression and forced activation of Stat5 in mammary epithelial cells of transgenic mice are parity-dependent and developed in aged, postestropausal females. <i>International Journal of Cancer</i> , 2007, 121, 1892-1902.	5.1	19
8	Prolactin and insulin synergize to regulate the translation modulator PHAS-I via mitogen-activated protein kinase-independent but wortmannin- and rapamycin-sensitive pathway. <i>Molecular and Cellular Endocrinology</i> , 1999, 155, 37-49.	3.2	17
9	Development of Foreign Mammary Epithelial Morphology in the Stroma of Immunodeficient Mice. <i>PLoS ONE</i> , 2013, 8, e68637.	2.5	17
10	Expression of a carboxy terminally truncated Stat5 with no transactivation domain in the mammary glands of transgenic mice inhibits cell proliferation during pregnancy, delays onset of milk secretion, and induces apoptosis upon involution. <i>Molecular Reproduction and Development</i> , 2006, 73, 841-849.	2.0	16
11	Enrichment for Repopulating Cells and Identification of Differentiation Markers in the Bovine Mammary Gland. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2016, 21, 41-49.	2.7	16
12	Forced activation of Stat5 subjects mammary epithelial cells to DNA damage and preferential induction of the cellular response mechanism during proliferation. <i>Journal of Cellular Physiology</i> , 2011, 226, 616-626.	4.1	11
13	High Expression of CD200 and CD200R1 Distinguishes Stem and Progenitor Cell Populations within Mammary Repopulating Units. <i>Stem Cell Reports</i> , 2018, 11, 288-302.	4.8	11
14	Luminal STAT5 mediates H2AX promoter activity in distinct population of basal mammary epithelial cells. <i>Oncotarget</i> , 0, 7, 41781-41797.	1.8	11
15	Different gene-expression profiles for the poorly differentiated carcinoma and the highly differentiated papillary adenocarcinoma in mammary glands support distinct metabolic pathways. <i>BMC Cancer</i> , 2008, 8, 270.	2.6	10
16	Xanthosine administration does not affect the proportion of epithelial stem cells in bovine mammary tissue, but has a latent negative effect on cell proliferation. <i>Experimental Cell Research</i> , 2014, 328, 186-196.	2.6	10
17	Calorie restriction and rapamycin administration induce stem cell self-renewal and consequent development and production in the mammary gland. <i>Experimental Cell Research</i> , 2019, 382, 111477.	2.6	8
18	Newly characterized bovine mammary stromal region with epithelial properties supports representative epithelial outgrowth development from transplanted stem cells. <i>Cell and Tissue Research</i> , 2022, 387, 39-61.	2.9	2

#	ARTICLE	IF	CITATIONS
19	H2AX Promoter Demethylation at Specific Sites Plays a Role in STAT5-Induced Tumorigenesis. Journal of Mammary Gland Biology and Neoplasia, 2020, 25, 205-218.	2.7	0
20	Intramammary rapamycin administration to calves induces epithelial stem cell self-renewal and latent cell proliferation and milk protein expression. PLoS ONE, 2022, 17, e0269505.	2.5	0