Mario Ascoli

List of Publications by Year
in descending order

62 papers	3,155 citations	126907 33 h-index	161849 54 g-index
62 all docs	62 docs citations	62 times ranked	1820 citing authors

#	Article	IF	Citations
1	Endocrine, Paracrine, and Autocrine Signaling Pathways That Regulate Ovulation. Trends in Endocrinology and Metabolism, 2018, 29, 313-325.	7.1	90
2	The GÎ± q/11 -provoked induction of Akr1c18 in murine luteal cells is mediated by phospholipase C. Molecular and Cellular Endocrinology, 2018, 470, 179-187.	3.2	2
3	Frontiers in Reproduction (FIR): An Assessment of Success. Biology of Reproduction, 2016, 95, 27-27.	2.7	2
4	Gq/11-Dependent Changes in the Murine Ovarian Transcriptome at the End of Gestation1. Biology of Reproduction, 2016, 94, 62.	2.7	2
5	Do alterations in follicular fluid proteases contribute to human infertility?. Journal of Assisted Reproduction and Genetics, 2015, 32, 737-745.	2.5	4
6	Activation of Gq/11 in the Mouse Corpus Luteum Is Required for Parturition. Molecular Endocrinology, 2015, 29, 238-246.	3.7	14
7	Ovulation Involves the Luteinizing Hormone-Dependent Activation of Gq/11 in Granulosa Cells. Molecular Endocrinology, 2013, 27, 1483-1491.	3.7	76
8	The ERK1/2 pathway regulates testosterone synthesis by coordinately regulating the expression of steroidogenic genes in Leydig cells. Molecular and Cellular Endocrinology, 2013, 370, 130-137.	3.2	49
9	The Leydig Cell MEK/ERK Pathway Is Critical for Maintaining a Functional Population of Adult Leydig Cells and for Fertility. Molecular Endocrinology, 2011, 25, 1211-1222.	3.7	64
10	Reactive Oxygen Species (ROS) Play a Critical Role in the cAMP-Induced Activation of Ras and the Phosphorylation of ERK1/2 in Leydig Cells. Molecular Endocrinology, 2011, 25, 885-893.	3.7	56
11	Transactivation of the Epidermal Growth Factor Receptor Is Involved in the Lutropin Receptor-Mediated Down-Regulation of Ovarian Aromatase Expression in Vivo. Molecular Endocrinology, 2010, 24, 552-560.	3.7	25
12	A co-culture system reveals the involvement of intercellular pathways as mediators of the lutropin receptor (LHR)-stimulated ERK1/2 phosphorylation in Leydig cells. Experimental Cell Research, 2008, 314, 25-37.	2.6	46
13	Arrestin-3 is essential for the activation of Fyn by the luteinizing hormone receptor (LHR) in MA-10 cellsâ¨†. Cellular Signalling, 2008, 20, 1822-1829.	3.6	29
14	Mutations of the lutropin/choriogonadotropin receptor that do not activate the phosphoinositide cascade allow hCG to induce aromatase expression in immature rat granulosa cells. Molecular and Cellular Endocrinology, 2008, 285, 62-72.	3.2	16
15	Potential Leydig cell mitogenic signals generated by the wild-type and constitutively active mutants of the lutropin/choriogonadotropin receptor (LHR). Molecular and Cellular Endocrinology, 2007, 260-262, 244-248.	3.2	22
16	Activation of the Lutropin/Choriogonadotropin Receptor in MA-10 Cells Leads to the Tyrosine Phosphorylation of the Focal Adhesion Kinase by a Pathway that Involves Src Family Kinases. Molecular Endocrinology, 2006, 20, 619-630.	3.7	19
17	Activation of the Lutropin/Choriogonadotropin Receptor in MA-10 Cells Stimulates Tyrosine Kinase Cascades that Activate Ras and the Extracellular Signal Regulated Kinases (ERK1/2). Endocrinology, 2006, 147, 3419-3427.	2.8	37
18	A Delayed Gonadotropin-Dependent and Growth Factor-Mediated Activation of the Extracellular Signal-Regulated Kinase 1/2 Cascade Negatively Regulates Aromatase Expression in Granulosa Cells. Molecular Endocrinology, 2006, 20, 3308-3320.	3.7	54

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19	A Constitutively Active Mutant of the Human Lutropin Receptor (hLHR-L457R) Escapes Lysosomal Targeting and Degradation. Molecular Endocrinology, 2006, 20, 2931-2945.	3.7	15
20	The Differential Binding Affinities of the Luteinizing Hormone (LH)/Choriogonadotropin Receptor for LH and Choriogonadotropin Are Dictated by Different Extracellular Domain Residues. Molecular Endocrinology, 2005, 19, 1263-1276.	3.7	22
21	The Differential Effects of the Gonadotropin Receptors on Aromatase Expression in Primary Cultures of Immature Rat Granulosa Cells Are Highly Dependent on the Density of Receptors Expressed and the Activation of the Inositol Phosphate Cascade. Endocrinology, 2005, 146, 3907-3916.	2.8	82
22	Learning New Tricks from an Old Dog: The Processing of the Intracellular Precursor of the Luteinizing Hormone Receptor (LHR) into the Mature Cell-Surface LHR Is a Regulated Process. Endocrinology, 2005, 146, 3221-3223.	2.8	6
23	The Postendocytotic Trafficking of the Human Lutropin Receptor Is Mediated by a Transferable Motif Consisting of the C-Terminal Cysteine and an Upstream Leucine. Molecular Endocrinology, 2004, 18, 434-446.	3.7	35
24	The association of arrestin-3 with the follitropin receptor depends on receptor activation and phosphorylation. Molecular and Cellular Endocrinology, 2003, 204, 127-140.	3.2	38
25	GIPC Binds to the Human Lutropin Receptor (hLHR) through an Unusual PDZ Domain Binding Motif, and It Regulates the Sorting of the Internalized Human Choriogonadotropin and the Density of Cell Surface hLHR. Journal of Biological Chemistry, 2003, 278, 49348-49357.	3.4	88
26	Identification of a Transferable Two-Amino-Acid Motif (GT) Present in the C-Terminal Tail of the Human Lutropin Receptor that Redirects Internalized G Protein-Coupled Receptors from a Degradation to a Recycling Pathway. Molecular Endocrinology, 2003, 17, 411-422.	3.7	41
27	Postendocytotic Trafficking of the Follicle-Stimulating Hormone (FSH)-FSH Receptor Complex. Molecular Endocrinology, 2003, 17, 2162-2176.	3.7	63
28	The Lutropin/Choriogonadotropin Receptor-Induced Phosphorylation of the Extracellular Signal-Regulated Kinases in Leydig Cells Is Mediated by a Protein Kinase A-Dependent Activation of Ras. Molecular Endocrinology, 2003, 17, 2189-2200.	3.7	92
29	The Association of Arrestin-3 with the Human Lutropin/Choriogonadotropin Receptor Depends Mostly on Receptor Activation Rather than on Receptor Phosphorylation. Journal of Biological Chemistry, 2002, 277, 702-710.	3.4	61
30	Identification of a Short Linear Sequence Present in the C-terminal Tail of the Rat Follitropin Receptor That Modulates Arrestin-3 Binding in a Phosphorylation-independent Fashion. Journal of Biological Chemistry, 2002, 277, 21939-21946.	3.4	32
31	The Lutropin/Choriogonadotropin Receptor, A 2002 Perspective. Endocrine Reviews, 2002, 23, 141-174.	20.1	671
32	The Lutropin/Choriogonadotropin Receptor, A 2002 Perspective. , 2002, 23, 141-174.		167
33	Mutations of the Second Extracellular Loop of the Human Lutropin Receptor Emphasize the Importance of Receptor Activation and De-emphasize the Importance of Receptor Phosphorylation in Agonist-induced Internalization. Journal of Biological Chemistry, 2001, 276, 7968-7973.	3.4	32
34	Identification of Two Distinct Structural Motifs That, When Added to the C-Terminal Tail of the Rat LH Receptor, Redirect the Internalized Hormone-Receptor Complex from a Degradation to a Recycling Pathway. Molecular Endocrinology, 2001, 15, 1624-1635.	3.7	45
35	p38 Binds to the Intracellular Precursor of the Lutropin/Choriogonadotropin Receptor and Promotes Its Degradation. Journal of Biological Chemistry, 2000, 275, 13386-13393.	3.4	60
36	Multiple Distant Amino Acid Residues Present in the Serpentine Region of the Follitropin Receptor Modulate the Rate of Agonist-induced Internalization. Journal of Biological Chemistry, 2000, 275, 31030-31037.	3.4	10

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37	The C-Terminal Tail of the Rat Lutropin/Choriogonadotropin (CG) Receptor Independently Modulates Human (h)CG-Induced Internalization of the Cell Surface Receptor and the Lysosomal Targeting of the Internalized hCG-Receptor Complex. Molecular Endocrinology, 2000, 14, 926-936.	3.7	15
38	Effect of Activating and Inactivating Mutations on the Phosphorylation and Trafficking of the Human Lutropin/Choriogonadotropin Receptor. Molecular Endocrinology, 2000, 14, 1797-1810.	3.7	57
39	Seven Non-contiguous Intracellular Residues of the Lutropin/Choriogonadotropin Receptor Dictate the Rate of Agonist-induced Internalization and Its Sensitivity to Non-visual Arrestins. Journal of Biological Chemistry, 2000, 275, 241-247.	3.4	57
40	Role of the Rate of Internalization of the Agonist-Receptor Complex on the Agonist-Induced Down-Regulation of the Lutropin/ Choriogonadotropin Receptor. Molecular Endocrinology, 1999, 13, 1295-1304.	3.7	42
41	Role of G Protein-Coupled Receptor Kinases on the Agonist-Induced Phosphorylation and Internalization of the Follitropin Receptor. Molecular Endocrinology, 1999, 13, 866-878.	3.7	93
42	The Rate of Internalization of the Gonadotropin Receptors Is Greatly Affected by the Origin of the Extracellular Domain. Journal of Biological Chemistry, 1999, 274, 25426-25432.	3.4	16
43	Transfected Cells Express Mostly the Intracellular Precursor of the Lutropin/Choriogonadotropin Receptor but This Precursor Binds Choriogonadotropin with High Affinityâ€. Biochemistry, 1998, 37, 664-672.	2.5	44
44	Mutation of Individual Serine Residues in the C-terminal Tail of the Lutropin/Choriogonadotropin Receptor Reveal Distinct Structural Requirements for Agonist-induced Uncoupling and Agonist-induced Internalization. Journal of Biological Chemistry, 1998, 273, 18316-18324.	3.4	51
45	The Agonist-Induced Phosphorylation of the Rat Follitropin Receptor Maps to the First and Third Intracellular Loops. Molecular Endocrinology, 1998, 12, 580-591.	3.7	56
46	Mutations That Induce Constitutive Activation and Mutations That Impair Signal Transduction Modulate the Basal and/or Agonist-stimulated Internalization of the Lutropin/Choriogonadotropin Receptor. Journal of Biological Chemistry, 1998, 273, 34911-34919.	3.4	44
47	Signaling and Phosphorylation-impaired Mutants of the Rat Follitropin Receptor Reveal an Activation- and Phosphorylation-independent but Arrestin-dependent Pathway for Internalization. Journal of Biological Chemistry, 1998, 273, 24346-24354.	3.4	61
48	Phosphorylation of the Lutropin/Choriogonadotropin Receptor Facilitates Uncoupling of the Receptor from Adenylyl Cyclase and Endocytosis of the Bound Hormone. Molecular Endocrinology, 1997, 11, 183-192.	3.7	49
49	MOLECULAR BASIS OF THE REGULATION OF THE LUTROPIN/CHORIOGONADOTROPIN (LH/CG) RECEPTOR. Biochemical Society Transactions, 1997, 25, 428S-428S.	3.4	0
50	Functional consequences of the phosphorylation of the gonadotropin receptors. Biochemical Pharmacology, 1996, 52, 1647-1655.	4.4	22
51	Truncation of the C-terminal Tail of the Follitropin Receptor Does Not Impair the Agonist- or Phorbol Ester-induced Receptor Phosphorylation and Uncoupling. Journal of Biological Chemistry, 1995, 270, 26683-26689.	3.4	54
52	Reduced Gonadotropin Responses in a Novel Clonal Strain of Leydig Tumor Cells Established by Transfection of MA-10 Cells with a Mutant Gene of the Type I Regulatory Subunit of the cAMPDependent Protein Kinase. Molecular Endocrinology, 1990, 4, 80-90.	3.7	27
53	Studies with Insulin and Insulin-Like Growth Factor-I Show that the Increased Labeling of Phosphatidylinositol-3,4-Bisphosphate Is not Sufficient to Elicit the Diverse Actions of Epidermal Growth Factor on MA-10 Leydig Tumor Cells. Molecular Endocrinology, 1990, 4, 758-765.	3.7	23
54	Anti-phosphotyrosine immunoprecipitation of phosphatidylinositol 3â€² kinase activity in different cell types after exposure to epidermal growth factor. Biochemical and Biophysical Research Communications, 1990, 173, 289-295.	2.1	20

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55	Regulation of the Differentiated Functions of Leydig Tumor Cells by Epidermal Growth Factor. Annals of the New York Academy of Sciences, 1989, 564, 99-115.	3.8	28
56	RECEPTOR-MEDIATED UPTAKE AND DEGRADATION OF HUMAN CHORIONIC GONADOTROPIN: FATE OF THE HORMONE SUBUNITS. Annals of the New York Academy of Sciences, 1982, 383, 151-173.	3.8	12
57	Characterization of Steroid Production in Cultured Human Choriocarcinoma Cells*. Journal of Clinical Endocrinology and Metabolism, 1981, 52, 447-450.	3.6	74
58	Intracellular uptake and catabolism of lutropin by testicular tissue in vivo. FEBS Letters, 1977, 75, 77-82.	2.8	50
59	On the Optical Activity of Ionized Tyrosyl Residues in Ovine Lutropin. FEBS Journal, 1977, 72, 157-165.	0.2	23
60	Renal uptake of lutropin. Studies based on electron microscopic autoradiography and nephrectomy. Molecular and Cellular Biochemistry, 1977, 15, 63-66.	3.1	6
61	Renal and hepatic lysosomal catabolism of luteinizing hormone. Molecular and Cellular Endocrinology, 1976, 4, 297-310.	3.2	24
62	The metabolism of luteinizing hormone. plasma clearance, urinary excretion, and tissue uptake. Molecular and Cellular Endocrinology, 1975, 3, 21-36.	3.2	40