Margit Rosner

List of Publications by Year
in descending order

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44 papers	2,630 citations	279487 23 h-index	253896 43 g-index
44 all docs	44 docs citations	44 times ranked	6289 citing authors

#	Article	IF	Citations
1	In vitro cell migration and invasion assays. Mutation Research - Reviews in Mutation Research, 2013, 752, 10-24.	2.4	605
2	Oct-4-expressing cells in human amniotic fluid: a new source for stem cell research?. Human Reproduction, 2003, 18, 1489-1493.	0.4	321
3	Cytoplasmic and nuclear distribution of the protein complexes mTORC1 and mTORC2: rapamycin triggers dephosphorylation and delocalization of the mTORC2 components rictor and sin1. Human Molecular Genetics, 2008, 17, 2934-2948.	1.4	219
4	Chronic signaling via the metabolic checkpoint kinase mTORC1 induces macrophage granuloma formation and marks sarcoidosis progression. Nature Immunology, 2017, 18, 293-302.	7.0	191
5	The mTOR pathway and its role in human genetic diseases. Mutation Research - Reviews in Mutation Research, 2008, 659, 284-292.	2.4	156
6	Neurogenic cells in human amniotic fluid. American Journal of Obstetrics and Gynecology, 2004, 191, 309-314.	0.7	134
7	The tuberous sclerosis gene products hamartin and tuberin are multifunctional proteins with a wide spectrum of interacting partners. Mutation Research - Reviews in Mutation Research, 2008, 658, 234-246.	2.4	125
8	Merging high-quality biochemical fractionation with a refined flow cytometry approach to monitor nucleocytoplasmic protein expression throughout the unperturbed mammalian cell cycle. Nature Protocols, 2013, 8, 602-626.	5.5	113
9	Efficient siRNA-mediated prolonged gene silencing in human amniotic fluid stem cells. Nature Protocols, 2010, 5, 1081-1095.	5.5	70
10	Contribution of human amniotic fluid stem cells to renal tissue formation depends on mTOR. Human Molecular Genetics, 2010, 19, 3320-3331.	1.4	70
11	Tuberin Binds p27 and Negatively Regulates Its Interaction with the SCF Component Skp2. Journal of Biological Chemistry, 2004, 279, 48707-48715.	1.6	52
12	Functional interaction of mammalian target of rapamycin complexes in regulating mammalian cell size and cell cycle. Human Molecular Genetics, 2009, 18, 3298-3310.	1.4	49
13	p27 Kip1 localization depends on the tumor suppressor protein tuberin. Human Molecular Genetics, 2007, 16, 1541-1556.	1.4	45
14	Mercury toxicokinetics of the healthy human term placenta involve amino acid transporters and ABC transporters. Toxicology, 2016, 340, 34-42.	2.0	44
15	Activation of ectopic Oct-4 and Rex-1 promoters in human amniotic fluid cells. International Journal of Molecular Medicine, 2005, 16, 987-92.	1.8	43
16	Induction of mesenchymal/epithelial marker expression in human amniotic fluid stem cells. Reproductive BioMedicine Online, 2009, 19, 838-846.	1.1	39
17	The tuberous sclerosis genes and regulation of the cyclin-dependent kinase inhibitor p27. Mutation Research - Reviews in Mutation Research, 2006, 613, 10-16.	2.4	33
18	Reliable Quantification of Protein Expression and Cellular Localization in Histological Sections. PLoS ONE, 2014, 9, e100822.	1.1	31

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19	Detection of Cytoplasmic and Nuclear Functions of mTOR by Fractionation. Methods in Molecular Biology, 2012, 821, 105-124.	0.4	29
20	Human amniotic fluid stem cells as a model for functional studies of genes involved in human genetic diseases or oncogenesis. Oncotarget, 2011, 2, 705-712.	0.8	27
21	Amniotic fluid stem cells and fetal cell microchimerism. Trends in Molecular Medicine, 2013, 19, 271-272.	3.5	25
22	Human stem cells alter the invasive properties of somatic cells via paracrine activation of mTORC1. Nature Communications, 2017, 8, 595.	5.8	25
23	The Decision on the â€œOptimalâ€•Human Pluripotent Stem Cell. Stem Cells Translational Medicine, 2014, 3, 553-559.	1.6	23
24	Tuberin and PRAS40 are anti-apoptotic gatekeepers during early human amniotic fluid stem-cell differentiation. Human Molecular Genetics, 2012, 21, 1049-1061.	1.4	21
25	Inhibition of mTOR down-regulates scavenger receptor, class B, type I (SR-BI) expression, reduces endothelial cell migration and impairs nitric oxide production. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2014, 1841, 944-953.	1.2	19
26	Amniotic Fluid Stem Cells: Future Perspectives. Stem Cells International, 2012, 2012, 1-6.	1.2	16
27	mTORC1 Is Essential for Early Steps during Schwann Cell Differentiation of Amniotic Fluid Stem Cells and Regulates Lipogenic Gene Expression. PLoS ONE, 2014, 9, e107004.	1.1	15
28	eIF3 controls cell size independently of S6K1-activity. Oncotarget, 2015, 6, 24361-24375.	0.8	13
29	Rapamycin-Induced Hypoxia Inducible Factor 2A Is Essential for Chondrogenic Differentiation of Amniotic Fluid Stem Cells. Stem Cells Translational Medicine, 2016, 5, 580-590.	1.6	12
30	Renal differentiation of amniotic fluid stem cells: perspectives for clinical application and for studies on specific human genetic diseases. European Journal of Clinical Investigation, 2012, 42, 677-684.	1.7	11
31	Human Embryo Models and Drug Discovery. International Journal of Molecular Sciences, 2021, 22, 637.	1.8	8
32	Phosphorylation of nuclear and cytoplasmic pools of ribosomal protein S6 during cell cycle progression. Amino Acids, 2013, 44, 1233-1240.	1.2	7
33	Full biological characterization of human pluripotent stem cells will open the door to translational research. Archives of Toxicology, 2016, 90, 2173-2186.	1.9	7
34	Amniotic fluid stem cell-based models to study the effects of gene mutations and toxicants on male germ cell formation. Asian Journal of Andrology, 2012, 14, 247-250.	0.8	5
35	Fetomaternal microchimerism and genetic diagnosis: On the origins of fetal cells and cell-free fetal DNA in the pregnant woman. Mutation Research - Reviews in Mutation Research, 2021, 788, 108399.	2.4	5
36	Amniotic Fluid Stem Cells: What They Are and What They Can Become. Current Stem Cell Research and Therapy, 2023, 18, 7-16.	0.6	5

#	Article	IF	Citations
37	Embryoid research calls for reassessment of legal regulations. Stem Cell Research and Therapy, 2021, 12, 356.	2.4	4
38	The tuberous sclerosis genes, TSC1 and TSC2, trigger different gene expression responses. International Journal of Oncology, 2005, 27, 1411-24.	1.4	4
39	Amniotic fluid stem cells to study mTOR signaling in differentiation. Organogenesis, 2012, 8, 96-100.	0.4	2
40	Letter to the Editor: Human Pluripotent Stem Cells Release Oncogenic Soluble E-Cadherin. Stem Cells, 2016, 34, 2443-2446.	1.4	2
41	Threeâ€dimensional migration of human amniotic fluid stem cells involves mesenchymal and amoeboid modes and is regulated by mTORC1. Stem Cells, 2021, 39, 1718-1732.	1.4	2
42	OUP accepted manuscript. Clinical Chemistry, 2022, , .	1.5	2
43	Stem Cell-Induced Cell Motility: A Removable Obstacle on the Way to Safe Therapies?. Stem Cells Translational Medicine, 2022, 11, 26-34.	1.6	1
44	Amniotic fluid stem cells and the cell source repertoire for non-invasive prenatal testing. Stem Cell Reviews and Reports, 2021, , 1.	1.7	0