

Said Assou

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

68

papers

3,075

citations

33

h-index

55

g-index

83

ext. papers

3,637

ext. citations

5.9

avg, IF

4.76

L-index

#	Paper	IF	Citations
68	CRISPR/Cas9-mediated gene knockout and interallelic gene conversion in human induced pluripotent stem cells using non-integrative bacteriophage-chimeric retrovirus-like particles.. <i>BMC Biology</i> , 2022 , 20, 8	7.3	0
67	Using intracellular SCGB1A1-sorted, formalin-fixed club cells for successful transcriptomic analysis.. <i>Biochemical and Biophysical Research Communications</i> , 2022 , 604, 151-157	3.4	
66	Targeted therapy in eosinophilic chronic obstructive pulmonary disease. <i>ERJ Open Research</i> , 2021 , 7,	3.5	6
65	Identification of a Novel Serum Proteomic Signature for Primary Sjögren's Syndrome. <i>Frontiers in Immunology</i> , 2021 , 12, 631539	8.4	3
64	Selective treatment pressure in colon cancer drives the molecular profile of resistant circulating tumor cell clones. <i>Molecular Cancer</i> , 2021 , 20, 30	42.1	6
63	miR-155 Contributes to the Immunoregulatory Function of Human Mesenchymal Stem Cells. <i>Frontiers in Immunology</i> , 2021 , 12, 624024	8.4	1
62	Molecular Profiling of Spermatozoa Reveals Correlations between Morphology and Gene Expression: A Novel Biomarker Panel for Male Infertility. <i>BioMed Research International</i> , 2021 , 2021, 1434546	3.4	0
61	Pipeline for the Generation and Characterization of Transgenic Human Pluripotent Stem Cells Using the CRISPR/Cas9 Technology. <i>Cells</i> , 2020 , 9,	7.9	4
60	Whole embryo culture, transcriptomics and RNA interference identify TBX1 and FGF11 as novel regulators of limb development in the mouse. <i>Scientific Reports</i> , 2020 , 10, 3597	4.9	2
59	Recurrent Genetic Abnormalities in Human Pluripotent Stem Cells: Definition and Routine Detection in Culture Supernatant by Targeted Droplet Digital PCR. <i>Stem Cell Reports</i> , 2020 , 14, 1-8	8	26
58	Generation of the induced pluripotent stem cell line UHOMi002-A from peripheral blood mononuclear cells of a healthy male donor. <i>Stem Cell Research</i> , 2020 , 49, 102037	1.6	2
57	Increased expression of the HDAC9 gene is associated with antiestrogen resistance of breast cancers. <i>Molecular Oncology</i> , 2019 , 13, 1534-1547	7.9	21
56	PATL2 is a key actor of oocyte maturation whose invalidation causes infertility in women and mice. <i>EMBO Molecular Medicine</i> , 2018 , 10,	12	28
55	Differential long non-coding RNA expression profiles in human oocytes and cumulus cells. <i>Scientific Reports</i> , 2018 , 8, 2202	4.9	36
54	Concise Review: Assessing the Genome Integrity of Human Induced Pluripotent Stem Cells: What Quality Control Metrics?. <i>Stem Cells</i> , 2018 , 36, 814-821	5.8	32
53	Paternal age: Negative impact on sperm genome decays and IVF outcomes after 40 years. <i>Molecular Reproduction and Development</i> , 2018 , 85, 271-280	2.6	46
52	Lung development, regeneration and plasticity: From disease pathophysiology to drug design using induced pluripotent stem cells. <i>Pharmacology & Therapeutics</i> , 2018 , 183, 58-77	13.9	13

51	Enriched Differentiation of Human Otic Sensory Progenitor Cells Derived From Induced Pluripotent Stem Cells. <i>Frontiers in Molecular Neuroscience</i> , 2018 , 11, 452	6.1	15
50	Generation of the induced pluripotent stem cell line UHOMi001-A from a patient with mutations in CCDC40 gene causing Primary Ciliary Dyskinesia (PCD). <i>Stem Cell Research</i> , 2018 , 33, 15-19	1.6	5
49	Autologous cell lines from circulating colon cancer cells captured from sequential liquid biopsies as model to study therapy-driven tumor changes. <i>Scientific Reports</i> , 2018 , 8, 15931	4.9	40
48	Follicular fluid and supernatant from cultured cumulus-granulosa cells improve in vitro maturation in patients with polycystic ovarian syndrome. <i>Fertility and Sterility</i> , 2018 , 110, 710-719	4.8	14
47	Induced Pluripotent Stem Cells for Primary Ciliary Dyskinesia Modeling and Personalized Medicine. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018 , 59, 672-683	5.7	8
46	Molecular Portrait of Metastasis-Competent Circulating Tumor Cells in Colon Cancer Reveals the Crucial Role of Genes Regulating Energy Metabolism and DNA Repair. <i>Clinical Chemistry</i> , 2017 , 63, 700-713	5.5	47
45	Induced pluripotent stem cells: An unlimited source of organs for transplantation. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2017 , 41, 249-253	2.4	1
44	Long non-coding RNAs in human early embryonic development and their potential in ART. <i>Human Reproduction Update</i> , 2016 , 23, 19-40	15.8	70
43	Histone deacetylase 9 regulates breast cancer cell proliferation and the response to histone deacetylase inhibitors. <i>Oncotarget</i> , 2016 , 7, 19693-708	3.3	35
42	Human induced pluripotent stem cells: A disruptive innovation. <i>Current Research in Translational Medicine</i> , 2016 , 64, 91-6	3.7	14
41	Cultured Cells from the Human Oocyte Cumulus Niche Are Efficient Feeders to Propagate Pluripotent Stem Cells. <i>Stem Cells and Development</i> , 2015 , 24, 2317-27	4.4	6
40	Non-invasive pre-implantation genetic diagnosis of X-linked disorders. <i>Medical Hypotheses</i> , 2014 , 83, 506-8	3.8	31
39	Non-invasive test for embryo competent selection by quantification of cell-free nucleic acids in embryo culture micro drop. <i>Fertility and Sterility</i> , 2014 , 102, e215	4.8	2
38	Cell-free nucleic acids as non-invasive biomarkers of gynecological cancers, ovarian, endometrial and obstetric disorders and fetal aneuploidy. <i>Human Reproduction Update</i> , 2014 , 20, 905-23	15.8	43
37	Female aging alters expression of human cumulus cells genes that are essential for oocyte quality. <i>BioMed Research International</i> , 2014 , 2014, 964614	3	59
36	Endometrial receptivity profile in patients with premature progesterone elevation on the day of HCG administration. <i>BioMed Research International</i> , 2014 , 2014, 951937	3	40
35	Developmental regulated expression of anti- and pro-apoptotic BCL-2 family genes during human early embryonic development. <i>Current Medicinal Chemistry</i> , 2014 , 21, 1361-9	4.3	7
34	MicroRNAs: new candidates for the regulation of the human cumulus-oocyte complex. <i>Human Reproduction</i> , 2013 , 28, 3038-49	5.7	70

33	Comparative gene expression profiling in human cumulus cells according to ovarian gonadotropin treatments. <i>BioMed Research International</i> , 2013 , 2013, 354582	3	25
32	Gene Expression Changes During Human Early Embryo Development: New Applications for Embryo Selection 2013 , 337-352		
31	Insights into human endometrial receptivity from transcriptomic and proteomic data. <i>Reproductive BioMedicine Online</i> , 2012 , 24, 23-34	4	83
30	Differences in transcriptomic profiles of human cumulus cells isolated from oocytes at GV, MI and MII stages after in vivo and in vitro oocyte maturation. <i>Human Reproduction</i> , 2012 , 27, 2438-47	5.7	50
29	Altered gene expression profile in cumulus cells of mature MII oocytes from patients with polycystic ovary syndrome. <i>Human Reproduction</i> , 2012 , 27, 3523-30	5.7	61
28	Slow freezing and vitrification differentially modify the gene expression profile of human metaphase II oocytes. <i>Human Reproduction</i> , 2012 , 27, 2160-8	5.7	77
27	Dissecting the first transcriptional divergence during human embryonic development. <i>Stem Cell Reviews and Reports</i> , 2012 , 8, 150-62	6.4	60
26	Transcriptome analysis during human trophoctoderm specification suggests new roles of metabolic and epigenetic genes. <i>PLoS ONE</i> , 2012 , 7, e39306	3.7	38
25	REPRODUCTIVE ENDOCRINOLOGY. <i>Human Reproduction</i> , 2012 , 27, ii302-ii337	5.7	4
24	Gene Expression Changes During Human Early Embryo Development: New Applications for Embryo Selection 2012 , 421-430		
23	Dynamic changes in gene expression during human early embryo development: from fundamental aspects to clinical applications. <i>Human Reproduction Update</i> , 2011 , 17, 272-90	15.8	81
22	Brief report: benchmarking human pluripotent stem cell markers during differentiation into the three germ layers unveils a striking heterogeneity: all markers are not equal. <i>Stem Cells</i> , 2011 , 29, 1469-74 ⁸	5.8	34
21	Involvement of BCL2 family members in the regulation of human oocyte and early embryo survival and death: gene expression and beyond. <i>Reproduction</i> , 2011 , 141, 549-61	3.8	59
20	Human cumulus cells molecular signature in relation to oocyte nuclear maturity stage. <i>PLoS ONE</i> , 2011 , 6, e27179	3.7	52
19	Transcriptome analysis reveals dialogues between human trophoctoderm and endometrial cells during the implantation period. <i>Human Reproduction</i> , 2011 , 26, 1440-9	5.7	69
18	Dialogue ovocyte-cumulus: concept et applications cliniques 2011 , 25-33		
17	Expression map of the human exome in CD34+ cells and blood cells: increased alternative splicing in cell motility and immune response genes. <i>PLoS ONE</i> , 2010 , 5, e8990	3.7	8
16	Human cumulus cells as biomarkers for embryo and pregnancy outcomes. <i>Molecular Human Reproduction</i> , 2010 , 16, 531-8	4.4	156

15	Controlled ovarian hyperstimulation for in vitro fertilization alters endometrial receptivity in humans: protocol effects. <i>Biology of Reproduction</i> , 2010 , 82, 679-86	3.9	93
14	Human pluripotent stem cells: from biology to cell therapy. <i>World Journal of Stem Cells</i> , 2010 , 2, 24-33	5.6	9
13	Amazonia!: An Online Resource to Google and Visualize Public Human whole Genome Expression Data. <i>Open Bioinformatics Journal</i> , 2010 , 4, 5-10	0.8	39
12	Gene expression profile of human endometrial receptivity: comparison between natural and stimulated cycles for the same patients. <i>Human Reproduction</i> , 2009 , 24, 1436-45	5.7	172
11	LH/hCGR gene expression in human cumulus cells is linked to the expression of the extracellular matrix modifying gene TNFAIP6 and to serum estradiol levels on day of hCG administration. <i>Human Reproduction</i> , 2009 , 24, 2868-78	5.7	23
10	A gene expression signature shared by human mature oocytes and embryonic stem cells. <i>BMC Genomics</i> , 2009 , 10, 10	4.5	99
9	The CDK4-pRB-E2F1 pathway controls insulin secretion. <i>Nature Cell Biology</i> , 2009 , 11, 1017-23	23.4	96
8	Correlating global gene regulation to angiogenesis in the developing chick extra-embryonic vascular system. <i>PLoS ONE</i> , 2009 , 4, e7856	3.7	45
7	Total fertilization failure and molecular abnormalities in metaphase II oocytes. <i>Reproductive BioMedicine Online</i> , 2008 , 17, 772-81	4	22
6	A non-invasive test for assessing embryo potential by gene expression profiles of human cumulus cells: a proof of concept study. <i>Molecular Human Reproduction</i> , 2008 , 14, 711-9	4.4	157
5	Identifying new human oocyte marker genes: a microarray approach. <i>Reproductive BioMedicine Online</i> , 2007 , 14, 175-83	4	91
4	A meta-analysis of human embryonic stem cells transcriptome integrated into a web-based expression atlas. <i>Stem Cells</i> , 2007 , 25, 961-73	5.8	276
3	The human cumulus--oocyte complex gene-expression profile. <i>Human Reproduction</i> , 2006 , 21, 1705-19	5.7	232
2	Cyclin D3 promotes adipogenesis through activation of peroxisome proliferator-activated receptor gamma. <i>Molecular and Cellular Biology</i> , 2005 , 25, 9985-95	4.8	102
1	Differentiation of human induced pluripotent stem cells into functional airway epithelium		1