

Enrico Ragni

List of Publications by Citations

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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

1,446
citations

25
h-index

35
g-index

73
ext. papers

1,800
ext. citations

5.2
avg, IF

4.54
L-index

#	Paper	IF	Citations
68	What is beyond a qRT-PCR study on mesenchymal stem cell differentiation properties: how to choose the most reliable housekeeping genes. <i>Journal of Cellular and Molecular Medicine</i> , 2013 , 17, 168-80	5.6	103
67	The Gas family of proteins of <i>Saccharomyces cerevisiae</i> : characterization and evolutionary analysis. <i>Yeast</i> , 2007 , 24, 297-308	3.4	88
66	Extracellular Vesicle-Shuttled mRNA in Mesenchymal Stem Cell Communication. <i>Stem Cells</i> , 2017 , 35, 1093-1105	5.8	77
65	FOXP1 circular RNA sustains mesenchymal stem cell identity via microRNA inhibition. <i>Nucleic Acids Research</i> , 2019 , 47, 5325-5340	20.1	58
64	PHR1, a pH-regulated gene of <i>Candida albicans</i> encoding a glucan-remodelling enzyme, is required for adhesion and invasion. <i>Microbiology (United Kingdom)</i> , 2010 , 156, 2484-2494	2.9	54
63	Functional and genomic analyses of blocked protein O-mannosylation in baker's yeast. <i>Molecular Microbiology</i> , 2011 , 79, 1529-46	4.1	50
62	GAS2 and GAS4, a pair of developmentally regulated genes required for spore wall assembly in <i>Saccharomyces cerevisiae</i> . <i>Eukaryotic Cell</i> , 2007 , 6, 302-16		46
61	Characterization of recombinant forms of the yeast Gas1 protein and identification of residues essential for glucanoyltransferase activity and folding. <i>FEBS Journal</i> , 2004 , 271, 3635-45		45
60	Deletion of PDE2, the gene encoding the high-affinity cAMP phosphodiesterase, results in changes of the cell wall and membrane in <i>Candida albicans</i> . <i>Yeast</i> , 2005 , 22, 285-94	3.4	45
59	Differential microRNA signature of human mesenchymal stem cells from different sources reveals an "environmental-niche memory" for bone marrow stem cells. <i>Experimental Cell Research</i> , 2013 , 319, 1562-74	4.2	43
58	Transcriptome profiling of a <i>Saccharomyces cerevisiae</i> mutant with a constitutively activated Ras/cAMP pathway. <i>Physiological Genomics</i> , 2003 , 16, 107-18	3.6	42
57	Low-affinity Nerve Growth Factor Receptor (CD271) Heterogeneous Expression in Adult and Fetal Mesenchymal Stromal Cells. <i>Scientific Reports</i> , 2018 , 8, 9321	4.9	37
56	Interaction with hyaluronan matrix and miRNA cargo as contributors for in vitro potential of mesenchymal stem cell-derived extracellular vesicles in a model of human osteoarthritic synoviocytes. <i>Stem Cell Research and Therapy</i> , 2019 , 10, 109	8.3	35
55	Inflammatory priming enhances mesenchymal stromal cell secretome potential as a clinical product for regenerative medicine approaches through secreted factors and EV-miRNAs: the example of joint disease. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 165	8.3	35
54	Immobilization of the glycosylphosphatidylinositol-anchored Gas1 protein into the chitin ring and septum is required for proper morphogenesis in yeast. <i>Molecular Biology of the Cell</i> , 2009 , 20, 4856-70	3.5	35
53	Mesenchymal stem cells in the treatment of articular cartilage degeneration: New biological insights for an old-timer cell. <i>Cytotherapy</i> , 2019 , 21, 1179-1197	4.8	35
52	Adipogenic potential in human mesenchymal stem cells strictly depends on adult or foetal tissue harvest. <i>International Journal of Biochemistry and Cell Biology</i> , 2013 , 45, 2456-66	5.6	28

51	Angiogenic and anti-inflammatory properties of mesenchymal stem cells from cord blood: soluble factors and extracellular vesicles for cell regeneration. <i>European Journal of Cell Biology</i> , 2016 , 95, 228-38 ^{6.1}	28
50	The genetic interaction network of CCW12, a <i>Saccharomyces cerevisiae</i> gene required for cell wall integrity during budding and formation of mating projections. <i>BMC Genomics</i> , 2011 , 12, 107	4.5 27
49	Disulfide bond structure and domain organization of yeast beta(1,3)-glucanoyltransferases involved in cell wall biogenesis. <i>Journal of Biological Chemistry</i> , 2008 , 283, 18553-65	5.4 27
48	The cell wall sensor Wsc1p is involved in reorganization of actin cytoskeleton in response to hypo-osmotic shock in <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , 2004 , 21, 1107-20	3.4 27
47	Phr1p, a glycosylphosphatidylinositol-anchored β (1,3)-glucanoyltransferase critical for hyphal wall formation, localizes to the apical growth sites and septa in <i>Candida albicans</i> . <i>Fungal Genetics and Biology</i> , 2011 , 48, 793-805	3.9 26
46	The GPI-anchored Gas and Crh families are fungal antigens. <i>Yeast</i> , 2007 , 24, 289-96	3.4 26
45	Identification of miRNA Reference Genes in Extracellular Vesicles from Adipose Derived Mesenchymal Stem Cells for Studying Osteoarthritis. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3 25
44	Vulvar lichen sclerosus: A new regenerative approach through fat grafting. <i>Gynecologic Oncology</i> , 2015 , 139, 471-5	4.9 25
43	In Vitro Induction of Tendon-Specific Markers in Tendon Cells, Adipose- and Bone Marrow-Derived Stem Cells is Dependent on TGF β , BMP-12 and Ascorbic Acid Stimulation. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3 24
42	Expression, stability, and replacement of glucan-remodeling enzymes during developmental transitions in <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 2011 , 22, 1585-98	3.5 23
41	Secreted Factors and EV-miRNAs Orchestrate the Healing Capacity of Adipose Mesenchymal Stem Cells for the Treatment of Knee Osteoarthritis. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3 22
40	Catalytic properties of the Gas family β (1,3)-glucanoyltransferases active in fungal cell-wall biogenesis as determined by a novel fluorescent assay. <i>Biochemical Journal</i> , 2011 , 438, 275-82	3.8 20
39	Generation of an evolved <i>Saccharomyces cerevisiae</i> strain with a high freeze tolerance and an improved ability to grow on glycerol. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2011 , 38, 1037-44	4.2 19
38	Characterization of Ccw12p, a major key player in cell wall stability of <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , 2007 , 24, 309-19	3.4 19
37	miR-22-5p and miR-29a-5p Are Reliable Reference Genes for Analyzing Extracellular Vesicle-Associated miRNAs in Adipose-Derived Mesenchymal Stem Cells and Are Stable under Inflammatory Priming Mimicking Osteoarthritis Condition. <i>Stem Cell Reviews and Reports</i> , 2019 , 15, 743-754	7.3 15
36	GAS3, a developmentally regulated gene, encodes a highly mannosylated and inactive protein of the Gas family of <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , 2010 , 27, 597-610	3.4 15
35	Defining the identity of human adipose-derived mesenchymal stem cells. <i>Biochemistry and Cell Biology</i> , 2015 , 93, 74-82	3.6 14
34	Comparison of two ASC-derived therapeutics in an in vitro OA model: secretome versus extracellular vesicles. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 521	8.3 14

33	Insights into Inflammatory Priming of Adipose-Derived Mesenchymal Stem Cells: Validation of Extracellular Vesicles-Embedded miRNA Reference Genes as A Crucial Step for Donor Selection. <i>Cells</i> , 2019 , 8,	7.9	13
32	Expression and phylogenetic analyses of the Gel/Gas proteins of <i>Tuber melanosporum</i> provide insights into the function and evolution of glucan remodeling enzymes in fungi. <i>Fungal Genetics and Biology</i> , 2013 , 53, 10-21	3.9	13
31	Housekeeping Gene Stability in Human Mesenchymal Stem and Tendon Cells Exposed to Tenogenic Factors. <i>Tissue Engineering - Part C: Methods</i> , 2018 , 24, 360-367	2.9	12
30	A Chemically Defined Medium-Based Strategy to Efficiently Generate Clinically Relevant Cord Blood Mesenchymal Stromal Colonies. <i>Cell Transplantation</i> , 2016 , 25, 1501-14	4	12
29	Making Them Commit: Strategies to Influence Phenotypic Differentiation in Mesenchymal Stem Cells. <i>Sports Medicine and Arthroscopy Review</i> , 2018 , 26, 64-69	2.5	12
28	Silk/Fibroin Microcarriers for Mesenchymal Stem Cell Delivery: Optimization of Cell Seeding by the Design of Experiment. <i>Pharmaceutics</i> , 2018 , 10,	6.4	11
27	Hydroquinone induces DNA hypomethylation-independent overexpression of retroelements in human leukemia and hematopoietic stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 474, 691-695	3.4	10
26	Suppressive effects of tenofovir disoproxil fumarate, an antiretroviral prodrug, on mineralization and type II and type III sodium-dependent phosphate transporters expression in primary human osteoblasts. <i>Journal of Cellular Biochemistry</i> , 2018 , 119, 4855-4866	4.7	9
25	Protein O-mannosylation is crucial for human mesenchymal stem cells fate. <i>Cellular and Molecular Life Sciences</i> , 2016 , 73, 445-58	10.3	8
24	Management of Osteoarthritis During the COVID-19 Pandemic. <i>Clinical Pharmacology and Therapeutics</i> , 2020 , 108, 719-729	6.1	8
23	Amniotic membrane-mesenchymal stromal cells secreted factors and extracellular vesicle-miRNAs: Anti-inflammatory and regenerative features for musculoskeletal tissues. <i>Stem Cells Translational Medicine</i> , 2021 , 10, 1044-1062	6.9	8
22	Cells, soluble factors and matrix harmonically play the concert of allograft integration. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019 , 27, 1717-1725	5.5	8
21	Innovative Visualization and Quantification of Extracellular Vesicles Interaction with and Incorporation in Target Cells in 3D Microenvironments. <i>Cells</i> , 2020 , 9,	7.9	7
20	Autologous microfragmented adipose tissue reduces inflammatory and catabolic markers in supraspinatus tendon cells derived from patients affected by rotator cuff tears. <i>International Orthopaedics</i> , 2021 , 45, 419-426	3.8	7
19	The yeast cell-wall salvage pathway		6
18	Cartilage Protective and Immunomodulatory Features of Osteoarthritis Synovial Fluid-Treated Adipose-Derived Mesenchymal Stem Cells Secreted Factors and Extracellular Vesicles-Embedded miRNAs. <i>Cells</i> , 2021 , 10,	7.9	6
17	Validation of reference and identity-defining genes in human mesenchymal stem cells cultured under unrelated fetal bovine serum batches for basic science and clinical application. <i>Stem Cell Reviews and Reports</i> , 2018 , 14, 837-846	6.4	6
16	miRNA Reference Genes in Extracellular Vesicles Released from Amniotic Membrane-Derived Mesenchymal Stromal Cells. <i>Pharmaceutics</i> , 2020 , 12,	6.4	5

15	Diet composition transiently modulates proliferative and potency features of human cord blood-derived mesenchymal stem cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2014 , 55, 269-78	5.6	5
14	Genomic and functional analyses unveil the response to hyphal wall stress in <i>Candida albicans</i> cells lacking $(1,3)$ -glucan remodeling. <i>BMC Genomics</i> , 2016 , 17, 482	4.5	4
13	Autologous Microfragmented Adipose Tissue Reduces the Catabolic and Fibrosis Response in an In Vitro Model of Tendon Cell Inflammation. <i>Stem Cells International</i> , 2019 , 2019, 5620286	5	4
12	Reliable Reference Genes for Gene Expression Assessment in Tendon-Derived Cells under Inflammatory and Pro-Fibrotic/Healing Stimuli. <i>Cells</i> , 2019 , 8,	7.9	3
11	miR-26a-5p is a Stable Reference Gene for miRNA Studies in Chondrocytes from Developing Human Cartilage. <i>Cells</i> , 2019 , 8,	7.9	3
10	In Vitro Study of Extracellular Vesicles Migration in Cartilage-Derived Osteoarthritis Samples Using Real-Time Quantitative Multimodal Nonlinear Optics Imaging. <i>Pharmaceutics</i> , 2020 , 12,	6.4	3
9	miR-103a-3p and miR-22-5p Are Reliable Reference Genes in Extracellular Vesicles From Cartilage, Adipose Tissue, and Bone Marrow Cells. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 632440	5.8	3
8	Human Tendon Stem/Progenitor Cell Features and Functionality Are Highly Influenced by Culture Conditions. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 711964	5.8	3
7	Superior Osteo-Inductive and Osteo-Conductive Properties of Trabecular Titanium vs. PEEK Scaffolds on Human Mesenchymal Stem Cells: A Proof of Concept for the Use of Fusion Cages. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
6	A single step, centrifuge-free method to harvest bone marrow highly concentrated in mesenchymal stem cells: results of a pilot trial. <i>International Orthopaedics</i> , 2021 , 1	3.8	1
5	Adipose-Derived Mesenchymal Stromal Cells Treated with Interleukin 1 Beta Produced Chondro-Protective Vesicles Able to Fast Penetrate in Cartilage. <i>Cells</i> , 2021 , 10,	7.9	1
4	Evaluation of Different Seeding Methods for Cell-Seeded Collagen Matrix-Supported Autologous Chondrocyte Transplantation. <i>Joints</i> , 2018 , 6, 215-219	1.1	1
3	Tendon Cells Derived From The Long Head Of The Biceps And The Supraspinatus Tendons Of Patients Affected By Rotator Cuff Tears Show Different Expression Of Inflammatory Markers. <i>Connective Tissue Research</i> , 2021 , 62, 570-579	3.3	0
2	The effects of orthobiologics in the treatment of tendon pathologies: a systematic review of preclinical evidence.. <i>Journal of Experimental Orthopaedics</i> , 2022 , 9, 31	2.3	0
1	Adipose-Derived Stem/Stromal Cells, Stromal Vascular Fraction, and Microfragmented Adipose Tissue 2022 , 47-61		