

# Florence Apparailly

## 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.

85  
papers

5,386  
citations

34  
h-index

73  
g-index

94  
ext. papers

6,060  
ext. citations

6.2  
avg, IF

5.21  
L-index

#	Paper	IF	Citations
85	Immunosuppressive effect of mesenchymal stem cells favors tumor growth in allogeneic animals. <i>Blood</i> , <b>2003</b> , 102, 3837-44	2.2	962
84	Mesenchymal stem cells inhibit the differentiation of dendritic cells through an interleukin-6-dependent mechanism. <i>Stem Cells</i> , <b>2007</b> , 25, 2025-32	5.8	479
83	Reversal of the immunosuppressive properties of mesenchymal stem cells by tumor necrosis factor alpha in collagen-induced arthritis. <i>Arthritis and Rheumatism</i> , <b>2005</b> , 52, 1595-603		307
82	Short-term BMP-2 expression is sufficient for in vivo osteochondral differentiation of mesenchymal stem cells. <i>Stem Cells</i> , <b>2004</b> , 22, 74-85	5.8	185
81	E2F transcription factor-1 regulates oxidative metabolism. <i>Nature Cell Biology</i> , <b>2011</b> , 13, 1146-52	23.4	180
80	Efficient new cationic liposome formulation for systemic delivery of small interfering RNA silencing tumor necrosis factor alpha in experimental arthritis. <i>Arthritis and Rheumatism</i> , <b>2006</b> , 54, 1867-77		162
79	miR-143 interferes with ERK5 signaling, and abrogates prostate cancer progression in mice. <i>PLoS ONE</i> , <b>2009</b> , 4, e7542	3.7	157
78	Transcriptional profiles discriminate bone marrow-derived and synovium-derived mesenchymal stem cells. <i>Arthritis Research and Therapy</i> , <b>2005</b> , 7, R1304-15	5.7	152
77	Targeting monocytes/macrophages in the treatment of rheumatoid arthritis. <i>Rheumatology</i> , <b>2013</b> , 52, 590-8	3.9	148
76	microRNA target prediction programs predict many false positives. <i>Genome Research</i> , <b>2017</b> , 27, 234-245	9.7	142
75	A new autoinflammatory and autoimmune syndrome associated with NLRP1 mutations: NAIAD (associated autoinflammation with arthritis and dyskeratosis). <i>Annals of the Rheumatic Diseases</i> , <b>2017</b> , 76, 1191-1198	2.4	138
74	Microenvironmental changes during differentiation of mesenchymal stem cells towards chondrocytes. <i>Arthritis Research and Therapy</i> , <b>2007</b> , 9, R33	5.7	119
73	Gene therapy platform for bone regeneration using an exogenously regulated, AAV-2-based gene expression system. <i>Molecular Therapy</i> , <b>2004</b> , 9, 587-95	11.7	108
72	Earlier onset of syngeneic tumors in the presence of mesenchymal stem cells. <i>Transplantation</i> , <b>2006</b> , 82, 1060-6	1.8	103
71	Efficient suppression of murine arthritis by combined anticytokine small interfering RNA lipoplexes. <i>Arthritis and Rheumatism</i> , <b>2008</b> , 58, 2356-67		85
70	Deregulation and therapeutic potential of microRNAs in arthritic diseases. <i>Nature Reviews Rheumatology</i> , <b>2016</b> , 12, 211-20	8.1	83
69	Immature dendritic cells suppress collagen-induced arthritis by in vivo expansion of CD49b+ regulatory T cells. <i>Journal of Immunology</i> , <b>2006</b> , 177, 3806-13	5.3	83

68	Immunomodulatory dendritic cells inhibit Th1 responses and arthritis via different mechanisms. <i>Journal of Immunology</i> , <b>2007</b> , 179, 1506-15	5.3	79
67	Animal models for arthritis: innovative tools for prevention and treatment. <i>Annals of the Rheumatic Diseases</i> , <b>2011</b> , 70, 1357-62	2.4	78
66	Tetracycline-inducible interleukin-10 gene transfer mediated by an adeno-associated virus: application to experimental arthritis. <i>Human Gene Therapy</i> , <b>2002</b> , 13, 1179-88	4.8	78
65	Immune Function and Diversity of Osteoclasts in Normal and Pathological Conditions. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 1408	8.4	70
64	Glucocorticoid-induced leucine zipper is an endogenous antiinflammatory mediator in arthritis. <i>Arthritis and Rheumatism</i> , <b>2010</b> , 62, 2651-61		70
63	Circulating miRNA-125b is a potential biomarker predicting response to rituximab in rheumatoid arthritis. <i>Mediators of Inflammation</i> , <b>2014</b> , 2014, 342524	4.3	69
62	Tetracycline transcriptional silencer tightly controls transgene expression after in vivo intramuscular electrotransfer: application to interleukin 10 therapy in experimental arthritis. <i>Human Gene Therapy</i> , <b>2002</b> , 13, 2161-72	4.8	61
61	What do microRNAs mean for rheumatoid arthritis?. <i>Arthritis and Rheumatism</i> , <b>2012</b> , 64, 11-20		57
60	Antigen-specific immunomodulation of collagen-induced arthritis with tumor necrosis factor-stimulated dendritic cells. <i>Arthritis and Rheumatism</i> , <b>2004</b> , 50, 3354-64		57
59	Impact of microRNAs on the understanding and treatment of rheumatoid arthritis. <i>Current Opinion in Rheumatology</i> , <b>2013</b> , 25, 225-33	5.3	52
58	In vivo RNAi-mediated silencing of TAK1 decreases inflammatory Th1 and Th17 cells through targeting of myeloid cells. <i>Blood</i> , <b>2010</b> , 116, 3505-16	2.2	48
57	Tetracycline-inducible viral interleukin-10 intraocular gene transfer, using adeno-associated virus in experimental autoimmune uveoretinitis. <i>Human Gene Therapy</i> , <b>2005</b> , 16, 1037-46	4.8	46
56	Delivery of miR-146a to Ly6C Monocytes Inhibits Pathogenic Bone Erosion in Inflammatory Arthritis. <i>Theranostics</i> , <b>2018</b> , 8, 5972-5985	12.1	46
55	High efficiency cell-specific targeting of cytokine activity. <i>Nature Communications</i> , <b>2014</b> , 5, 3016	17.4	44
54	Paradoxical effects of tissue inhibitor of metalloproteinases 1 gene transfer in collagen-induced arthritis. <i>Arthritis and Rheumatism</i> , <b>2001</b> , 44, 1444-54		42
53	Micro-CT combined with bioluminescence imaging: a dynamic approach to detect early tumor-bone interaction in a tumor osteolysis murine model. <i>Bone</i> , <b>2007</b> , 40, 1032-40	4.7	39
52	Systemic viral interleukin-10 gene delivery prevents cartilage invasion by human rheumatoid synovial tissue engrafted in SCID mice. <i>Arthritis and Rheumatism</i> , <b>1999</b> , 42, 678-85		35
51	X-Linked miRNAs Associated with Gender Differences in Rheumatoid Arthritis. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	34

50	siRNA-based therapeutic approaches for rheumatic diseases. <i>Nature Reviews Rheumatology</i> , <b>2013</b> , 9, 56-62	8.1	33
49	Nicotinamide phosphoribosyltransferase/visfatin expression by inflammatory monocytes mediates arthritis pathogenesis. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 72, 1717-24	2.4	33
48	Antitumoral activity and osteogenic potential of mesenchymal stem cells expressing the urokinase-type plasminogen antagonist amino-terminal fragment in a murine model of osteolytic tumor. <i>Stem Cells</i> , <b>2008</b> , 26, 2981-90	5.8	32
47	MicroRNAs as new player in rheumatoid arthritis. <i>Joint Bone Spine</i> , <b>2011</b> , 78, 17-22	2.9	31
46	Transcriptomic network support distinct roles of classical and non-classical monocytes in human. <i>International Reviews of Immunology</i> , <b>2014</b> , 33, 470-89	4.6	30
45	PLGA microspheres encapsulating siRNA anti-TNFalpha: efficient RNAi-mediated treatment of arthritic joints. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2012</b> , 82, 457-64	5.7	30
44	From stem cells to bone: phenotype acquisition, stabilization, and tissue engineering in animal models. <i>ILAR Journal</i> , <b>2009</b> , 51, 42-61	1.7	30
43	MicroRNAs: Key Regulators to Understand Osteoclast Differentiation?. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 375	8.4	29
42	RNA interference-based gene therapy for successful treatment of rheumatoid arthritis. <i>Expert Opinion on Biological Therapy</i> , <b>2009</b> , 9, 535-8	5.4	28
41	MicroRNA Profiling of B Cell Subsets from Systemic Lupus Erythematosus Patients Reveals Promising Novel Biomarkers. <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 16953-65	6.3	27
40	Adeno-associated virus type 5-mediated intraarticular administration of tumor necrosis factor small interfering RNA improves collagen-induced arthritis. <i>Arthritis and Rheumatism</i> , <b>2010</b> , 62, 765-70		26
39	POLR1B and neural crest cell anomalies in Treacher Collins syndrome type 4. <i>Genetics in Medicine</i> , <b>2020</b> , 22, 547-556	8.1	26
38	Concerted stimuli regulating osteo-chondral differentiation from stem cells: phenotype acquisition regulated by microRNAs. <i>Acta Pharmacologica Sinica</i> , <b>2009</b> , 30, 1369-84	8	24
37	Cytosolic phospholipase A2 gene silencing in the myeloid lineage alters development of Th1 responses and reduces disease severity in collagen-induced arthritis. <i>Arthritis and Rheumatism</i> , <b>2011</b> , 63, 681-90		23
36	Transient down-regulation of cbfa1/Runx2 by RNA interference in murine C3H10T1/2 mesenchymal stromal cells delays in vitro and in vivo osteogenesis, but does not overtly affect chondrogenesis. <i>Experimental Cell Research</i> , <b>2008</b> , 314, 1495-506	4.2	23
35	Advanced microRNA-based cancer diagnostics using amplified time-gated FRET. <i>Chemical Science</i> , <b>2018</b> , 9, 8046-8055	9.4	23
34	Beneficial Effect of Alcohol Withdrawal on Gut Permeability and Microbial Translocation in Patients with Alcohol Use Disorder. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2018</b> , 42, 32-40	3.7	22
33	Mesenchymal stem cells and rheumatoid arthritis. <i>Joint Bone Spine</i> , <b>2003</b> , 70, 483-5	2.9	22

32	PSMB10, the last immunoproteasome gene missing for PRAAS. <i>Journal of Allergy and Clinical Immunology</i> , <b>2020</b> , 145, 1015-1017.e6	11.5	20
31	Novel insights into macrophage diversity in rheumatoid arthritis synovium. <i>Autoimmunity Reviews</i> , <b>2021</b> , 20, 102758	13.6	20
30	miRNAs and rheumatoid arthritis - promising novel biomarkers. <i>Swiss Medical Weekly</i> , <b>2011</b> , 141, w13175.1	5.1	19
29	Dissecting the phenotypic and functional heterogeneity of mouse inflammatory osteoclasts by the expression of. <i>ELife</i> , <b>2020</b> , 9,	8.9	17
28	miR-125b and miR-532-3p predict the efficiency of rituximab-mediated lymphodepletion in chronic lymphocytic leukemia patients. A French Innovative Leukemia Organization study. <i>Haematologica</i> , <b>2017</b> , 102, 746-754	6.6	16
27	Effects of alcohol withdrawal on monocyte subset defects in chronic alcohol users. <i>Journal of Leukocyte Biology</i> , <b>2016</b> , 100, 1191-1199	6.5	15
26	Adeno-associated virus-mediated IL-10 gene transfer suppresses lacrimal gland immunopathology in a rabbit model of autoimmune dacryoadenitis <b>2010</b> , 51, 5137-44		14
25	Immunological evaluation of cytokine and anticytokine immunotherapy in vivo: what have we learnt?. <i>Annals of the Rheumatic Diseases</i> , <b>1999</b> , 58, 136-41	2.4	14
24	Gene therapy for rheumatoid arthritis: current status and future prospects. <i>BioDrugs</i> , <b>2011</b> , 25, 381-91	7.9	13
23	MicroRNAs: Fine Tuners of Monocyte Heterogeneity. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 2145	8.4	11
22	LARP7 variants and further delineation of the Alazami syndrome phenotypic spectrum among primordial dwarfisms: 2 sisters. <i>European Journal of Medical Genetics</i> , <b>2019</b> , 62, 161-166	2.6	10
21	Inhibition of Inflammation and Bone Erosion by RNA Interference-Mediated Silencing of Heterogeneous Nuclear RNP A2/B1 in Two Experimental Models of Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , <b>2015</b> , 67, 2536-46	9.5	10
20	IS-MASHR recommendations for standardised microscopic arthritis scoring of histological sections from inflammatory arthritis animal models. <i>Annals of the Rheumatic Diseases</i> , <b>2021</b> ,	2.4	10
19	Prospects for gene therapy in inflammatory arthritis. <i>Best Practice and Research in Clinical Rheumatology</i> , <b>2010</b> , 24, 541-52	5.3	9
18	Quantitative imaging of cartilage and bone for functional assessment of gene therapy approaches in experimental arthritis. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2010</b> , 4, 387-94	4.4	8
17	Polymorphisms Associated with Rheumatoid Arthritis Susceptibility in Tunisian and French Female Populations: Influence of Geographic Origin. <i>Journal of Immunology Research</i> , <b>2017</b> , 2017, 4915950	4.5	7
16	Role of sialic acid residues in the in vitro superactivity of human choriogonadotropin (hCG) in rat Leydig cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>1994</b> , 1224, 559-65	4.9	7
15	Synovial-Fluid miRNA Signature for Diagnosis of Juvenile Idiopathic Arthritis. <i>Cells</i> , <b>2019</b> , 8,	7.9	7

14	Synovial macrophages: from ordinary eaters to extraordinary multitaskers. <i>Trends in Immunology</i> , <b>2021</b> , 42, 368-371	14.4	6
13	RNAi in arthritis: prospects of a future antisense therapy in inflammation. <i>Current Opinion in Molecular Therapeutics</i> , <b>2007</b> , 9, 483-9		6
12	Cationic liposome formulations for RNAi-based validation of therapeutic targets in rheumatoid arthritis. <i>Current Opinion in Molecular Therapeutics</i> , <b>2010</b> , 12, 325-30		6
11	MicroRNAs in juvenile idiopathic arthritis: Can we learn more about pathophysiological mechanisms?. <i>Autoimmunity Reviews</i> , <b>2019</b> , 18, 796-804	13.6	5
10	Persistent Luminescence Nanoparticles for Bioimaging. <i>Advances in Intelligent and Soft Computing</i> , <b>2012</b> , 37-53		4
9	Arthritis sensory and motor scale: predicting functional deficits from the clinical score in collagen-induced arthritis. <i>Arthritis Research and Therapy</i> , <b>2019</b> , 21, 264	5.7	3
8	Therapeutic mesenchymal stem or stromal cells in rheumatic diseases: rationale, clinical data and perspectives. <i>Clinical Investigation</i> , <b>2011</b> , 1, 1269-1277		2
7	Differential Accumulation and Activation of Monocyte and Dendritic Cell Subsets in Inflamed Synovial Fluid Discriminates Between Juvenile Idiopathic Arthritis and Septic Arthritis. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 1716	8.4	2
6	New insights into macrophage heterogeneity in rheumatoid arthritis. <i>Joint Bone Spine</i> , <b>2021</b> , 88, 1050912.9		2
5	Regenerative medicine: Breaking Prometheus's curse for cartilage regeneration. <i>Nature Reviews Rheumatology</i> , <b>2017</b> , 13, 516-518	8.1	1
4	Dysregulation of microRNA expression in the skin during cutaneous adverse drug reactions. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2020</b> , 75, 3279-3283	9.3	0
3	RNAi-mediated gene silencing in inflammatory monocytes for efficient immuno-intervention in experimental arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2012</b> , 71, A75.1-A75	2.4	
2	Gene therapy for arthritis <b>2010</b> , 1-18		
1	TNFR1-d2 carrying the p.(Thr79Met) pathogenic variant is a potential novel actor of TNF/TNFR1 signalling regulation in the pathophysiology of TRAPS. <i>Scientific Reports</i> , <b>2021</b> , 11, 4172	4.9	