

Florence Apparailly

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

6,662
citations

93792

39
h-index

71088

80
g-index

94
all docs

94
docs citations

94
times ranked

10829
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunosuppressive effect of mesenchymal stem cells favors tumor growth in allogeneic animals. <i>Blood</i> , 2003, 102, 3837-3844.	0.6	1,079
2	Mesenchymal Stem Cells Inhibit the Differentiation of Dendritic Cells Through an Interleukin-6-Dependent Mechanism. <i>Stem Cells</i> , 2007, 25, 2025-2032.	1.4	562
3	Reversal of the immunosuppressive properties of mesenchymal stem cells by tumor necrosis factor $\hat{\pm}$ in collagen-induced arthritis. <i>Arthritis and Rheumatism</i> , 2005, 52, 1595-1603.	6.7	344
4	E2F transcription factor-1 regulates oxidative metabolism. <i>Nature Cell Biology</i> , 2011, 13, 1146-1152.	4.6	222
5	microRNA target prediction programs predict many false positives. <i>Genome Research</i> , 2017, 27, 234-245.	2.4	219
6	Short-Term BMP-2 Expression Is Sufficient for In Vivo Osteochondral Differentiation of Mesenchymal Stem Cells. <i>Stem Cells</i> , 2004, 22, 74-85.	1.4	212
7	Targeting monocytes/macrophages in the treatment of rheumatoid arthritis. <i>Rheumatology</i> , 2013, 52, 590-598.	0.9	185
8	A new autoinflammatory and autoimmune syndrome associated with NLRP1 mutations: NAIAD (<i>NLRP1</i>-associated autoinflammation with arthritis and dyskeratosis). <i>Annals of the Rheumatic Diseases</i> , 2017, 76, 1191-1198.	0.5	181
9	Transcriptional profiles discriminate bone marrow-derived and synovium-derived mesenchymal stem cells. <i>Arthritis Research and Therapy</i> , 2005, 7, R1304.	1.6	178
10	Efficient new cationic liposome formulation for systemic delivery of small interfering RNA silencing tumor necrosis factor $\hat{\pm}$ in experimental arthritis. <i>Arthritis and Rheumatism</i> , 2006, 54, 1867-1877.	6.7	175
11	miR-143 Interferes with ERK5 Signaling, and Abrogates Prostate Cancer Progression in Mice. <i>PLoS ONE</i> , 2009, 4, e7542.	1.1	172
12	Microenvironmental changes during differentiation of mesenchymal stem cells towards chondrocytes. <i>Arthritis Research and Therapy</i> , 2007, 9, R33.	1.6	149
13	Immune Function and Diversity of Osteoclasts in Normal and Pathological Conditions. <i>Frontiers in Immunology</i> , 2019, 10, 1408.	2.2	137
14	Earlier Onset of Syngeneic Tumors in the Presence of Mesenchymal Stem Cells. <i>Transplantation</i> , 2006, 82, 1060-1066.	0.5	122
15	Deregulation and therapeutic potential of microRNAs in arthritic diseases. <i>Nature Reviews Rheumatology</i> , 2016, 12, 211-220.	3.5	118
16	Gene Therapy Platform for Bone Regeneration Using an Exogenously Regulated, AAV-2-Based Gene Expression System. <i>Molecular Therapy</i> , 2004, 9, 587-595.	3.7	114
17	Efficient suppression of murine arthritis by combined anticytokine small interfering RNA lipoplexes. <i>Arthritis and Rheumatism</i> , 2008, 58, 2356-2367.	6.7	95
18	Immature Dendritic Cells Suppress Collagen-Induced Arthritis by In Vivo Expansion of CD49b+ Regulatory T Cells. <i>Journal of Immunology</i> , 2006, 177, 3806-3813.	0.4	94

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19	Animal models for arthritis: innovative tools for prevention and treatment. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 1357-1362.	0.5	92
20	Immunomodulatory Dendritic Cells Inhibit Th1 Responses and Arthritis via Different Mechanisms. <i>Journal of Immunology</i> , 2007, 179, 1506-1515.	0.4	86
21	Tetracycline-Inducible Interleukin-10 Gene Transfer Mediated by an Adeno-Associated Virus: Application to Experimental Arthritis. <i>Human Gene Therapy</i> , 2002, 13, 1179-1188.	1.4	84
22	Circulating miRNA-125b Is a Potential Biomarker Predicting Response to Rituximab in Rheumatoid Arthritis. <i>Mediators of Inflammation</i> , 2014, 2014, 1-9.	1.4	83
23	Glucocorticoid-induced leucine zipper is an endogenous antiinflammatory mediator in arthritis. <i>Arthritis and Rheumatism</i> , 2010, 62, 2651-2661.	6.7	80
24	Novel insights into macrophage diversity in rheumatoid arthritis synovium. <i>Autoimmunity Reviews</i> , 2021, 20, 102758.	2.5	76
25	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> , 2002, 13, 2161-2172.	1.4	67
26	Delivery of miR-146a to Ly6C ^{high} Monocytes Inhibits Pathogenic Bone Erosion in Inflammatory Arthritis. <i>Theranostics</i> , 2018, 8, 5972-5985.	4.6	64
27	Antigen-specific immunomodulation of collagen-induced arthritis with tumor necrosis factor-stimulated dendritic cells. <i>Arthritis and Rheumatism</i> , 2004, 50, 3354-3364.	6.7	63
28	What do microRNAs mean for rheumatoid arthritis?. <i>Arthritis and Rheumatism</i> , 2012, 64, 11-20.	6.7	63
29	POLR1B and neural crest cell anomalies in Treacher Collins syndrome type 4. <i>Genetics in Medicine</i> , 2020, 22, 547-556.	1.1	63
30	High efficiency cell-specific targeting of cytokine activity. <i>Nature Communications</i> , 2014, 5, 3016.	5.8	62
31	In vivo RNAi-mediated silencing of TAK1 decreases inflammatory Th1 and Th17 cells through targeting of myeloid cells. <i>Blood</i> , 2010, 116, 3505-3516.	0.6	57
32	Impact of microRNAs on the understanding and treatment of rheumatoid arthritis. <i>Current Opinion in Rheumatology</i> , 2013, 25, 225-233.	2.0	55
33	X-Linked miRNAs Associated with Gender Differences in Rheumatoid Arthritis. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1852.	1.8	55
34	SMASH™ recommendations for standardised microscopic arthritis scoring of histological sections from inflammatory arthritis animal models. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 714-726.	0.5	51
35	Tetracycline-Inducible Viral Interleukin-10 Intraocular Gene Transfer, Using Adeno-Associated Virus in Experimental Autoimmune Uveoretinitis. <i>Human Gene Therapy</i> , 2005, 16, 1037-1046.	1.4	49
36	Paradoxical effects of tissue inhibitor of metalloproteinases 1 gene transfer in collagen-induced arthritis. <i>Arthritis and Rheumatism</i> , 2001, 44, 1444-1454.	6.7	47

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37	Micro-CT combined with bioluminescence imaging: A dynamic approach to detect early tumor–bone interaction in a tumor osteolysis murine model. <i>Bone</i> , 2007, 40, 1032-1040.	1.4	46
38	Transcriptomic Network Support Distinct Roles of Classical and Non-Classical Monocytes in Human. <i>International Reviews of Immunology</i> , 2014, 33, 470-489.	1.5	45
39	siRNA-based therapeutic approaches for rheumatic diseases. <i>Nature Reviews Rheumatology</i> , 2013, 9, 56-62.	3.5	43
40	PSMB10, the last immunoproteasome gene missing for PRAAS. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 1015-1017.e6.	1.5	42
41	MicroRNAs: Key Regulators to Understand Osteoclast Differentiation?. <i>Frontiers in Immunology</i> , 2019, 10, 375.	2.2	41
42	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> , 2008, 26, 2981-2990.	1.4	40
43	MicroRNAs as new player in rheumatoid arthritis. <i>Joint Bone Spine</i> , 2011, 78, 17-22.	0.8	39
44	Nicotinamide phosphoribosyltransferase/visfatin expression by inflammatory monocytes mediates arthritis pathogenesis. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 1717-1724.	0.5	38
45	Dissecting the phenotypic and functional heterogeneity of mouse inflammatory osteoclasts by the expression of Cx3cr1. <i>ELife</i> , 2020, 9, .	2.8	38
46	Systemic viral interleukin-10 gene delivery prevents cartilage invasion by human rheumatoid synovial tissue engrafted in SCID mice. <i>Arthritis and Rheumatism</i> , 1999, 42, 678-685.	6.7	37
47	From Stem Cells to Bone: Phenotype Acquisition, Stabilization, and Tissue Engineering in Animal Models. <i>ILAR Journal</i> , 2010, 51, 42-61.	1.8	36
48	Concerted stimuli regulating osteo-chondral differentiation from stem cells: phenotype acquisition regulated by microRNAs. <i>Acta Pharmacologica Sinica</i> , 2009, 30, 1369-1384.	2.8	35
49	PLGA microspheres encapsulating siRNA anti-TNFalpha: Efficient RNAi-mediated treatment of arthritic joints. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 82, 457-464.	2.0	35
50	MicroRNA Profiling of B Cell Subsets from Systemic Lupus Erythematosus Patients Reveals Promising Novel Biomarkers. <i>International Journal of Molecular Sciences</i> , 2015, 16, 16953-16965.	1.8	33
51	RNA interference-based gene therapy for successful treatment of rheumatoid arthritis. <i>Expert Opinion on Biological Therapy</i> , 2009, 9, 535-538.	1.4	32
52	Advanced microRNA-based cancer diagnostics using amplified time-gated FRET. <i>Chemical Science</i> , 2018, 9, 8046-8055.	3.7	32
53	Adeno-associated virus type 5-mediated intraarticular administration of tumor necrosis factor small interfering RNA improves collagen-induced arthritis. <i>Arthritis and Rheumatism</i> , 2010, 62, 765-770.	6.7	30
54	Beneficial Effect of Alcohol Withdrawal on Gut Permeability and Microbial Translocation in Patients with Alcohol Use Disorder. <i>Alcoholism: Clinical and Experimental Research</i> , 2018, 42, 32-40.	1.4	29

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55	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> , 2008, 314, 1495-1506.	1.2	28
56	Cytosolic phospholipase A2 \pm gene silencing in the myeloid lineage alters development of Th1 responses and reduces disease severity in collagen-induced arthritis. <i>Arthritis and Rheumatism</i> , 2011, 63, 681-690.	6.7	25
57	Mesenchymal stem cells and rheumatoid arthritis. <i>Joint Bone Spine</i> , 2003, 70, 483-485.	0.8	24
58	MicroRNAs: Fine Tuners of Monocyte Heterogeneity. <i>Frontiers in Immunology</i> , 2019, 10, 2145.	2.2	23
59	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> , 2017, 102, 746-754.	1.7	22
60	miRNAs and rheumatoid arthritis - promising novel biomarkers. <i>Swiss Medical Weekly</i> , 2011, 141, w13175.	0.8	22
61	Inhibition of Inflammation and Bone Erosion by RNA Interference \hat{e} Mediated Silencing of Heterogeneous Nuclear RNP A2/B1 in Two Experimental Models of Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2015, 67, 2536-2546.	2.9	21
62	Effects of alcohol withdrawal on monocyte subset defects in chronic alcohol users. <i>Journal of Leukocyte Biology</i> , 2016, 100, 1191-1199.	1.5	21
63	Adeno-Associated Virus \hat{e} Mediated IL-10 Gene Transfer Suppresses Lacrimal Gland Immunopathology in a Rabbit Model of Autoimmune Dacryoadenitis. , 2010, 51, 5137.		19
64	Synovial-Fluid miRNA Signature for Diagnosis of Juvenile Idiopathic Arthritis. <i>Cells</i> , 2019, 8, 1521.	1.8	18
65	Synovial macrophages: from ordinary eaters to extraordinary multitaskers. <i>Trends in Immunology</i> , 2021, 42, 368-371.	2.9	17
66	Immunological evaluation of cytokine and anticytokine immunotherapy in vivo: what have we learnt?. <i>Annals of the Rheumatic Diseases</i> , 1999, 58, 136-141.	0.5	16
67	Prospects for gene therapy in inflammatory arthritis. <i>Best Practice and Research in Clinical Rheumatology</i> , 2010, 24, 541-552.	1.4	15
68	Gene Therapy for Rheumatoid Arthritis. <i>BioDrugs</i> , 2011, 25, 381-391.	2.2	15
69	LARP7 variants and further delineation of the Alazami syndrome phenotypic spectrum among primordial dwarfisms: 2 sisters. <i>European Journal of Medical Genetics</i> , 2019, 62, 161-166.	0.7	14
70	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> , 2020, 11, 1716.	2.2	13
71	New insights into macrophage heterogeneity in rheumatoid arthritis. <i>Joint Bone Spine</i> , 2021, 88, 105091.	0.8	13
72	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> , 1994, 1224, 559-565.	1.9	9

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73	Looking for microRNA polymorphisms as new rheumatoid arthritis risk loci?. <i>Joint Bone Spine</i> , 2010, 77, 377-379.	0.8	9
74	<i>TMEM187-IRAK1</i> Polymorphisms Associated with Rheumatoid Arthritis Susceptibility in Tunisian and French Female Populations: Influence of Geographic Origin. <i>Journal of Immunology Research</i> , 2017, 2017, 1-12.	0.9	9
75	MicroRNAs in juvenile idiopathic arthritis: Can we learn more about pathophysiological mechanisms?. <i>Autoimmunity Reviews</i> , 2019, 18, 796-804.	2.5	9
76	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> , 2010, 4, 387-394.	1.3	8
77	Arthritis sensory and motor scale: predicting functional deficits from the clinical score in collagen-induced arthritis. <i>Arthritis Research and Therapy</i> , 2019, 21, 264.	1.6	7
78	RNAi in arthritis: prospects of a future antisense therapy in inflammation. <i>Current Opinion in Molecular Therapeutics</i> , 2007, 9, 483-9.	2.8	6
79	Cationic liposome formulations for RNAi-based validation of therapeutic targets in rheumatoid arthritis. <i>Current Opinion in Molecular Therapeutics</i> , 2010, 12, 325-30.	2.8	6
80	Persistent Luminescence Nanoparticles for Bioimaging. <i>Advances in Intelligent and Soft Computing</i> , 2012, , 37-53.	0.2	4
81	CRISPR-Cas9: A revolution in genome editing in rheumatic diseases. <i>Joint Bone Spine</i> , 2017, 84, 1-4.	0.8	4
82	Therapeutic mesenchymal stem or stromal cells in rheumatic diseases: rationale, clinical data and perspectives. <i>Clinical Investigation</i> , 2011, 1, 1269-1277.	0.0	2
83	Breaking Prometheus's curse for cartilage regeneration. <i>Nature Reviews Rheumatology</i> , 2017, 13, 516-518.	3.5	2
84	Dysregulation of microRNA expression in the skin during cutaneous adverse drug reactions. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 3279-3283.	2.7	2
85	TNFR1-d2 carrying the p.(Thr79Met) pathogenic variant is a potential novel actor of TNF α /TNFR1 signalling regulation in the pathophysiology of TRAPS. <i>Scientific Reports</i> , 2021, 11, 4172.	1.6	1
86	87. Efficient Delivery of Small Interfering RNA Targeting Pro_Inflammatory Cytokines in Experimental Arthritis. <i>Molecular Therapy</i> , 2006, 13, S36.	3.7	0
87	1067. Amelioration of Arthritis after Local Delivery of an Adeno-Associated Virus Type 6 Expressing a TNF-Blocking Agent under a Disease-Inducible Promoter. <i>Molecular Therapy</i> , 2006, 13, S409.	3.7	0
88	RNAi-mediated gene silencing in inflammatory monocytes for efficient immuno-intervention in experimental arthritis. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, A75.1-A75.	0.5	0
89	07.16...Nlrp1 mutations cause autoinflammatory diseases in human: implication of the nlrp1 inflammasome?. , 2017, , .		0
90	Gene therapy for arthritis. , 2010, , 1-18.		0