ValÃ©rie Trichet

List of Publications by Year in descending order

59 papers	2,818 citations	236612 25 h-index	182168 51 g-index
62 all docs	62 docs citations	62 times ranked	4639 citing authors

#	Article	IF	Citations
1	The Osteosarcoma Microenvironment: A Complex but Targetable Ecosystem. Cells, 2020, 9, 976.	1.8	251
2	Noxa Up-regulation and Mcl-1 Cleavage Are Associated to Apoptosis Induction by Bortezomib in Multiple Myeloma. Cancer Research, 2007, 67, 5418-5424.	0.4	210
3	Effects of a Non Thermal Plasma Treatment Alone or in Combination with Gemcitabine in a MIA PaCa2-luc Orthotopic Pancreatic Carcinoma Model. PLoS ONE, 2012, 7, e52653.	1.1	207
4	Therapeutic Relevance of Osteoprotegerin Gene Therapy in Osteosarcoma: Blockade of the Vicious Cycle between Tumor Cell Proliferation and Bone Resorption. Cancer Research, 2007, 67, 7308-7318.	0.4	160
5	Bone tissue formation with human mesenchymal stem cells and biphasic calcium phosphate ceramics: The local implication of osteoclasts and macrophages. Biomaterials, 2014, 35, 9660-9667.	5.7	133
6	Interleukin-6 Inhibits Receptor Activator of Nuclear Factor Î¹B Ligand-Induced Osteoclastogenesis by Diverting Cells into the Macrophage Lineage: Key Role of Serine727 Phosphorylation of Signal Transducer and Activator of Transcription 3. Endocrinology, 2008, 149, 3688-3697.	1.4	129
7	Mutations in TP53 are exclusively associated with del(17p) in multiple myeloma. Haematologica, 2010, 95, 1973-1976.	1.7	124
8	Adhesion and osteogenic differentiation of human mesenchymal stem cells on titanium nanopores. , 2011, 22, 84-96.		114
9	Safety Concern between Autologous Fat Graft, Mesenchymal Stem Cell and Osteosarcoma Recurrence. PLoS ONE, 2010, 5, e10999.	1.1	109
10	IL-38 overexpression induces anti-inflammatory effects in mice arthritis models and in human macrophages in vitro. Annals of the Rheumatic Diseases, 2017, 76, 1304-1312.	0.5	101
11	Pre-clinical studies of bone regeneration with human bone marrow stromal cells and biphasic calcium phosphate. Stem Cell Research and Therapy, 2014, 5, 114.	2.4	100
12	Characterization of vitellogenin from rainbow trout (Oncorhynchus mykiss). Gene, 1996, 174, 59-64.	1.0	89
13	Recent advances in the management of osteosarcoma and forthcoming therapeutic strategies. Expert Review of Anticancer Therapy, 2007, 7, 169-181.	1.1	87
14	Immune Modulation by Transplanted Calcium Phosphate Biomaterials and Human Mesenchymal Stromal Cells in Bone Regeneration. Frontiers in Immunology, 2019, 10, 663.	2.2	83
15	Rational targeted therapies to overcome microenvironment-dependent expansion of mantle cell lymphoma. Blood, 2016, 128, 2808-2818.	0.6	78
16	Inferior In Vivo Osteogenesis and Superior Angiogeneis of Human Adipose-Derived Stem Cells Compared with Bone Marrow-Derived Stem Cells Cultured in Xeno-Free Conditions. Stem Cells Translational Medicine, 2017, 6, 2160-2172.	1.6	67
17	Cell differentiation and osseointegration influenced by nanoscale anodized titanium surfaces. Nanomedicine, 2012, 7, 967-980.	1.7	57
18	Pericyte-Like Progenitors Show High Immaturity and Engraftment Potential as Compared with Mesenchymal Stem Cells. PLoS ONE, 2012, 7, e48648.	1.1	50

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19	Orthopaedic implant failure: aseptic implant looseningâ€“the contribution and future challenges of mouse models in translational research. Clinical Science, 2014, 127, 277-293.	1.8	48
20	Glycosaminoglycans as Potential Regulators of Osteoprotegerin Therapeutic Activity in Osteosarcoma. Cancer Research, 2009, 69, 526-536.	0.4	47
21	3D cell culture and osteogenic differentiation of human bone marrow stromal cells plated onto jet-sprayed or electrospun micro-fiber scaffolds. Biomedical Materials (Bristol), 2015, 10, 045019.	1.7	46
22	Plasma membrane reorganization links acid sphingomyelinase/ceramide to p38 MAPK pathways in endothelial cells apoptosis. Cellular Signalling, 2017, 33, 10-21.	1.7	43
23	Formulated siRNAs targeting Rankl prevent osteolysis and enhance chemotherapeutic response in osteosarcoma models. Journal of Bone and Mineral Research, 2011, 26, 2452-2462.	3.1	34
24	CD45neg but Not CD45pos Human Myeloma Cells Are Sensitive to the Inhibition of IGF-1 Signaling by a Murine Anti-IGF-1R Monoclonal Antibody, mAVE1642. Journal of Immunology, 2006, 177, 4218-4223.	0.4	33
25	Mesenchymal stem cells increase proliferation but do not change quiescent state of osteosarcoma cells: Potential implications according to the tumor resection status. Journal of Bone Oncology, 2016, 5, 5-14.	1.0	27
26	Reciprocal protection of Mcl-1 and Bim from ubiquitin-proteasome degradation. Biochemical and Biophysical Research Communications, 2007, 361, 865-869.	1.0	26
27	Update on hypoxia-inducible factors and hydroxylases in oxygen regulatory pathways: from physiology to therapeutics. Hypoxia (Auckland, N Z), 2017, Volume 5, 11-20.	1.9	26
28	Long term oncostatin M treatment induces an osteocyte-like differentiation on osteosarcoma and calvaria cells. Bone, 2009, 44, 830-839.	1.4	25
29	Complex Interplay of Activating and Inhibitory Signals Received by VÎ³9VÎ´2 T Cells Revealed by Target Cell Î²2-Microglobulin Knockdown. Journal of Immunology, 2006, 177, 6129-6136.	0.4	24
30	Structure of a fish (Oncorhynchus mykiss) vitellogenin gene and its evolutionary implication. Gene, 1997, 197, 147-152.	1.0	23
31	Juxta-centromeric region of human chromosome 21 is enriched for pseudogenes and gene fragments. Gene, 1999, 239, 55-64.	1.0	22
32	Allele-specific Col1a1 silencing reduces mutant collagen in fibroblasts from Brtl mouse, a model for classical osteogenesis imperfecta. European Journal of Human Genetics, 2014, 22, 667-674.	1.4	21
33	Low-Dose Pesticide Mixture Induces Senescence in Normal Mesenchymal Stem Cells (MSC) and Promotes Tumorigenic Phenotype in Premalignant MSC. Stem Cells, 2017, 35, 800-811.	1.4	20
34	Comparison of Tumor- and Bone Marrow-Derived Mesenchymal Stromal/Stem Cells from Patients with High-Grade Osteosarcoma. International Journal of Molecular Sciences, 2018, 19, 707.	1.8	19
35	Osteoblastic and osteoclastic differentiation of human mesenchymal stem cells and monocytes in a miniaturized three-dimensional culture with mineral granules. Acta Biomaterialia, 2014, 10, 5139-5147.	4.1	18
36	Low-Dose Pesticide Mixture Induces Accelerated Mesenchymal Stem Cell Aging In Vitro. Stem Cells, 2019, 37, 1083-1094.	1.4	16

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37	Modifying internal organization and surface morphology of siRNA lipoplexes by sodium alginate addition for efficient siRNA delivery. Journal of Colloid and Interface Science, 2019, 540, 342-353.	5.0	14
38	Deciphering Tumor Niches: Lessons From Solid and Hematological Malignancies. Frontiers in Immunology, 2021, 12, 766275.	2.2	13
39	Mclâ€1 ^{128â€“350} fragment induces apoptosis through direct interaction with Bax. FEBS Letters, 2010, 584, 487-492.	1.3	12
40	A Functional, New Short Isoform of Death Receptor 4 in Ewing's Sarcoma Cell Lines May be Involved in TRAIL Sensitivity/Resistance Mechanisms. Molecular Cancer Research, 2012, 10, 336-346.	1.5	11
41	Opposite Effects of Soluble Factors Secreted by Adipose Tissue on Proliferating and Quiescent Osteosarcoma Cells. Plastic and Reconstructive Surgery, 2016, 137, 865-875.	0.7	11
42	TRAIL receptor signaling and therapeutic option in bone tumors: the trap of the bone microenvironment. American Journal of Cancer Research, 2012, 2, 45-64.	1.4	10
43	Early Fracture Healing is Delayed in the Col1a2+/G610C Osteogenesis Imperfecta Murine Model. Calcified Tissue International, 2018, 103, 653-662.	1.5	9
44	Rotator Cuff Tenocytes Differentiate into Hypertrophic Chondrocyte-Like Cells to Produce Calcium Deposits in an Alkaline Phosphatase-Dependent Manner. Journal of Clinical Medicine, 2019, 8, 1544.	1.0	9
45	Characterization of the human tubulin tyrosine ligase-like 1 gene (TTLL1) mapping to 22q13.1. Gene, 2000, 257, 109-117.	1.0	7
46	Epinephrine Infiltration of Adipose Tissue Impacts MCF7 Breast Cancer Cells and Total Lipid Content. International Journal of Molecular Sciences, 2019, 20, 5626.	1.8	7
47	Osteoblasts mineralization and collagen matrix are conserved upon specific Col1a2 silencing. Matrix Biology Plus, 2020, 6-7, 100028.	1.9	6
48	Apoptotic mesenchymal stromal cells support osteoclastogenesis while inhibiting multinucleated giant cells formation in vitro. Scientific Reports, 2021, 11, 12144.	1.6	6
49	Osteoprotegerin inhibits bone resorption and prevents tumor development in a xenogenic model of Ewing's sarcoma by inhibiting RANKL. Journal of Bone Oncology, 2013, 2, 95-104.	1.0	5
50	IL-6 inhibits RANKL-induced osteoclastogenesis by diverting cells into the macrophage lineage: Key role of serine727 phosphorylation of STAT3. Bone, 2008, 42, S36.	1.4	3
51	Research Highlights. Nanomedicine, 2012, 7, 181-183.	1.7	2
52	Animal Models of Malignant Primary Bone Tumors and Novel Therapeutic Approaches. , 2010, , 333-346.		1
53	Lymphoid-like Environment, Which Promotes Proliferation and Induces Resistance to BH3-Mimetics, Is Counteracted By Obinutuzumab in MCL: Biological Rationale for the Oasis Clinical Trial. Blood, 2016, 128, 1096-1096.	0.6	1
54	A minimal standardized human bone marrow microphysiological system to assess resident cell behavior during normal and pathological processes. Biomaterials Science, 2022, 10, 485-498.	2.6	1

#	Article	IF	Citations
55	P46. Proteoglycans are potential regulators of osteoprotegerin (OPG) antitumoral and anti-bone resorption activities in osteosarcoma. Cancer Treatment Reviews, 2008, 34, 36-37.	3.4	0
56	RANKL silencing by siRNA improves therapeutic response of primary osteosarcoma to conventional chemotherapy. Bone, 2010, 46, S42-S43.	1.4	0
57	Cancer stem cells in representative bone tumors: osteosarcoma, Ewing sarcoma and metastases from breast and prostate carcinomas. , 2015, , 139-148.		0
58	Oncogene silencing by systemic delivery of lipid nanoparticle. Nanomedicine, 2012, 7, 182.	1.7	0
59	Sheddable PEG for deshielding siRNA nanoparticles in the tumor acid microenvironment. Nanomedicine, 2012, 7, 182-3.	1.7	0