

Ander Abarrategi

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

2,429
citations

257101

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	The Effect of Ca ²⁺ and Mg ²⁺ Ions Loaded at Degradable PLA Membranes on the Proliferation and Osteoinduction of MSCs. <i>Polymers</i> , 2022, 14, 2422.	2.0	5
2	Integrated OMICs unveil the bone-marrow microenvironment in human leukemia. <i>Cell Reports</i> , 2021, 35, 109119.	2.9	14
3	Ectopic Humanized Mesenchymal Niche in Mice Enables Robust Engraftment of Myelodysplastic Stem Cells. <i>Blood Cancer Discovery</i> , 2021, 2, 135-145.	2.6	21
4	Mesoporous titania coatings with carboxylated pores for complexation and slow delivery of strontium for osteogenic induction. <i>Applied Surface Science</i> , 2020, 510, 145172.	3.1	7
5	Despite mutation acquisition in hematopoietic stem cells, JMML-propagating cells are not always restricted to this compartment. <i>Leukemia</i> , 2020, 34, 1658-1668.	3.3	14
6	Tissue-Specific Decellularization Methods: Rationale and Strategies to Achieve Regenerative Compounds. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5447.	1.8	145
7	Treg sensitivity to FasL and relative IL-2 deprivation drive idiopathic aplastic anemia immune dysfunction. <i>Blood</i> , 2020, 136, 885-897.	0.6	14
8	Mesenchymal niche remodeling impairs hematopoiesis via stanniocalcin 1 in acute myeloid leukemia. <i>Journal of Clinical Investigation</i> , 2020, 130, 3038-3050.	3.9	48
9	A Humanized Bone Niche Model Reveals Bone Tissue Preservation Upon Targeting Mitochondrial Complex I in Pseudo-Orthotopic Osteosarcoma. <i>Journal of Clinical Medicine</i> , 2019, 8, 2184.	1.0	8
10	Modeling the human bone marrow niche in mice: From host bone marrow engraftment to bioengineering approaches. <i>Journal of Experimental Medicine</i> , 2018, 215, 729-743.	4.2	91
11	Clonal dynamics in osteosarcoma defined by RGB marking. <i>Nature Communications</i> , 2018, 9, 3994.	5.8	40
12	c-Fos induces chondrogenic tumor formation in immortalized human mesenchymal progenitor cells. <i>Scientific Reports</i> , 2018, 8, 15615.	1.6	12
13	Role of Activator Protein-1 Complex on the Phenotype of Human Osteosarcomas Generated from Mesenchymal Stem Cells. <i>Stem Cells</i> , 2018, 36, 1487-1500.	1.4	11
14	Titanium Coatings and Surface Modifications: Toward Clinically Useful Bioactive Implants. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 1245-1261.	2.6	234
15	Increased Vascular Permeability in the Bone Marrow Microenvironment Contributes to Disease Progression and Drug Response in Acute Myeloid Leukemia. <i>Cancer Cell</i> , 2017, 32, 324-341.e6.	7.7	179
16	Bioengineering of Humanized Bone Marrow Microenvironments in Mouse and Their Visualization by Live Imaging. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	16
17	The combination of CHK1 inhibitor with G-CSF overrides cytarabine resistance in human acute myeloid leukemia. <i>Nature Communications</i> , 2017, 8, 1679.	5.8	36
18	Preclinical modeling of myelodysplastic syndromes. <i>Leukemia</i> , 2017, 31, 2702-2708.	3.3	34

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19	Versatile humanized niche model enables study of normal and malignant human hematopoiesis. <i>Journal of Clinical Investigation</i> , 2017, 127, 543-548.	3.9	82
20	Osteosarcoma: Cells-of-Origin, Cancer Stem Cells, and Targeted Therapies. <i>Stem Cells International</i> , 2016, 2016, 1-13.	1.2	164
21	Increased Vascular Permeability in the Bone Marrow Microenvironment Contributes to Acute Myeloid Leukemia Progression and Drug Response. <i>Blood</i> , 2016, 128, 2662-2662.	0.6	2
22	Bone microenvironment signals in osteosarcoma development. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 3097-3113.	2.4	147
23	Adipose-derived stem cells and platelet-rich plasma for preventive treatment of bisphosphonate-related osteonecrosis of the jaw in a murine model. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2015, 43, 1161-1168.	0.7	45
24	Chitosan Scaffolds Containing Calcium Phosphate Salts and rhBMP-2: In Vitro and In Vivo Testing for Bone Tissue Regeneration. <i>PLoS ONE</i> , 2014, 9, e87149.	1.1	28
25	Bone Environment is Essential for Osteosarcoma Development from Transformed Mesenchymal Stem Cells. <i>Stem Cells</i> , 2014, 32, 1136-1148.	1.4	89
26	Cancer stem cells and cisplatin-resistant cells isolated from non-small lung cancer cell lines constitute related cell populations. <i>Cancer Medicine</i> , 2014, 3, 1099-1111.	1.3	66
27	In Vivo Ectopic Implantation Model to Assess Human Mesenchymal Progenitor Cell Potential. <i>Stem Cell Reviews and Reports</i> , 2013, 9, 833-846.	5.6	10
28	Label-free magnetic resonance imaging to locate live cells in three-dimensional porous scaffolds. <i>Journal of the Royal Society Interface</i> , 2012, 9, 2321-2331.	1.5	9
29	Biological Properties of Solid Free Form Designed Ceramic Scaffolds with BMP-2: In Vitro and In Vivo Evaluation. <i>PLoS ONE</i> , 2012, 7, e34117.	1.1	76
30	Mesenchymal niches of bone marrow in cancer. <i>Clinical and Translational Oncology</i> , 2011, 13, 611-616.	1.2	14
31	Chitosan scaffolds for osteochondral tissue regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 95A, 1132-1141.	2.1	81
32	In vivo comparison of the effects of RHBMP-2 and RHBMP-4 in osteochondral tissue regeneration. , 2010, 20, 367-378.		47
33	Gene expression profile on chitosan/rhBMP-2 films: A novel osteoinductive coating for implantable materials. <i>Acta Biomaterialia</i> , 2009, 5, 2633-2646.	4.1	34
34	Multiwall carbon nanotube scaffolds for tissue engineering purposes. <i>Biomaterials</i> , 2008, 29, 94-102.	5.7	402
35	Chitosan Film as rhBMP2 Carrier: Delivery Properties for Bone Tissue Application. <i>Biomacromolecules</i> , 2008, 9, 711-718.	2.6	50
36	Improvement of Porous β -TCP Scaffolds with rhBMP-2 Chitosan Carrier Film for Bone Tissue Application. <i>Tissue Engineering - Part A</i> , 2008, 14, 1305-1319.	1.6	50

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37	Urea assisted hydroxyapatite mineralization on MWCNT/CHI scaffolds. Journal of Materials Chemistry, 2008, 18, 5933.	6.7	35
38	Use of rhBMP-2 Activated Chitosan Films To Improve Osseointegration. Biomacromolecules, 2006, 7, 792-798.	2.6	44
39	Poly(ethylene glycol)-crosslinked N-methylene phosphonic chitosan. Preparation and characterization. Carbohydrate Polymers, 2006, 64, 328-336.	5.1	25