

AndrÃ© N Tiaden

List of Publications by Year in descending order

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21
papers

719
citations

567281

15
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713466

21
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21
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docs citations

21
times ranked

1309
citing authors

#	ARTICLE	IF	CITATIONS
1	TLR2 stimulation impairs anti-inflammatory activity of M2-like macrophages, generating a chimeric M1/M2 phenotype. <i>Arthritis Research and Therapy</i> , 2017, 19, 245.	3.5	113
2	Hyaluronic acid fragments enhance the inflammatory and catabolic response in human intervertebral disc cells through modulation of toll-like receptor 2 signalling pathways. <i>Arthritis Research and Therapy</i> , 2013, 15, R94.	3.5	81
3	miR-221-3p Drives the Shift of M2-Macrophages to a Pro-Inflammatory Function by Suppressing JAK3/STAT3 Activation. <i>Frontiers in Immunology</i> , 2019, 10, 3087.	4.8	77
4	Telomere length, telomerase activity and osteogenic differentiation are maintained in adipose-derived stromal cells from senile osteoporotic SAMP6 mice. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2012, 6, 378-390.	2.7	61
5	Detrimental Role for Human High Temperature Requirement Serine Protease A1 (HTRA1) in the Pathogenesis of Intervertebral Disc (IVD) Degeneration. <i>Journal of Biological Chemistry</i> , 2012, 287, 21335-21345.	3.4	57
6	Human Serine Protease HTRA1 Positively Regulates Osteogenesis of Human Bone Marrow-derived Mesenchymal Stem Cells and Mineralization of Differentiating Bone-forming Cells Through the Modulation of Extracellular Matrix Protein. <i>Stem Cells</i> , 2012, 30, 2271-2282.	3.2	56
7	<i>ARTD1</i> deletion causes increased hepatic lipid accumulation in mice fed a high-fat diet and impairs adipocyte function and differentiation. <i>FASEB Journal</i> , 2012, 26, 2631-2638.	0.5	41
8	High-intensity interval training modulates retinal microvascular phenotype and DNA methylation of p66Shc gene: a randomized controlled trial (EXAMIN AGE). <i>European Heart Journal</i> , 2020, 41, 1514-1519.	2.2	38
9	Use of biomimetic microtissue spheroids and specific growth factor supplementation to improve tenocyte differentiation and adaptation to a collagen-based scaffold in vitro. <i>Biomaterials</i> , 2015, 69, 99-109.	11.4	37
10	Prostaglandin E2 inhibits matrix mineralization by human bone marrow stromal cell-derived osteoblasts via Epac-dependent cAMP signaling. <i>Scientific Reports</i> , 2017, 7, 2243.	3.3	26
11	Analysis of Legionella Infection by Flow Cytometry. <i>Methods in Molecular Biology</i> , 2013, 954, 233-249.	0.9	22
12	Novel Function of Serine Protease HTRA1 in Inhibiting Adipogenic Differentiation of Human Mesenchymal Stem Cells via MAP Kinase-Mediated MMP Upregulation. <i>Stem Cells</i> , 2016, 34, 1601-1614.	3.2	21
13	Physical activity may drive healthy microvascular ageing via downregulation of p66Shc. <i>European Journal of Preventive Cardiology</i> , 2020, 27, 168-176.	1.8	18
14	Tailored Ahpcyclodepsipeptides as Potent Non-covalent Serine Protease Inhibitors. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8555-8558.	13.8	17
15	Differential effects of specific cathepsin S inhibition in biocompartments from patients with primary Sjögren syndrome. <i>Arthritis Research and Therapy</i> , 2019, 21, 175.	3.5	16
16	Loss-of-Function of HtrA1 Abrogates All-Trans Retinoic Acid-Induced Osteogenic Differentiation of Mouse Adipose-Derived Stromal Cells Through Deficiencies in p70S6K Activation. <i>Stem Cells and Development</i> , 2016, 25, 687-698.	2.1	10
17	Role of HTRA1 in bone formation and regeneration: In vitro and in vivo evaluation. <i>PLoS ONE</i> , 2017, 12, e0181600.	2.5	10
18	Preparation and Osteogenic Differentiation of Scaffold-Free Mouse Adipose-Derived Stromal Cell Microtissue Spheroids (ASC-MT). <i>Current Protocols in Stem Cell Biology</i> , 2013, 27, Unit 2B.5..	3.0	8

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19	Influence of Disease Activity in Rheumatoid Arthritis on Radiographic Progression of Concomitant Interphalangeal Joint Osteoarthritis. <i>Arthritis and Rheumatology</i> , 2019, 71, 43-49.	5.6	4
20	MaÄgeschneiderte AhpâCyclodepsipeptide als potente, nichtâkovalente SerinproteaseâInhibitoren. <i>Angewandte Chemie</i> , 2017, 129, 8675-8679.	2.0	3
21	Circulatory Neutrophils Exhibit Enhanced Neutrophil Extracellular Trap Formation in Early Puerperium: NETs at the Nexus of Thrombosis and Immunity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13646.	4.1	3