Anna T. Brini

List of Publications by Year
in descending order

69	2,650	159525	197736
papers	citations	30 h-index	49 g-index

69	69	69	4816
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Allergy-Associated FcRÎ² Is a Molecular Amplifier of IgE- and IgG-Mediated In Vivo Responses. Immunity, 1998, 8, 517-529.	6.6	207
2	Mesenchymal Stem/Stromal Cells: A New ''Cells as Drugs'' Paradigm. Efficacy and Critical Aspects in Cell Therapy. Current Pharmaceutical Design, 2013, 19, 2459-2473.	0.9	144
3	Human adipose-derived stem cells isolated from young and elderly women: their differentiation potential and scaffold interaction during in vitro osteoblastic differentiation. Cytotherapy, 2009, 11, 793-803.	0.3	121
4	Mesenchymal stem/stromal cell extracellular vesicles: From active principle to next generation drug delivery system. Journal of Controlled Release, 2017, 262, 104-117.	4.8	121
5	Isolation, characterization and osteogenic differentiation of adipose-derived stem cells: from small to large animal models. Cell and Tissue Research, 2009, 338, 401-411.	1.5	109
6	Anti-L-NGFR and -CD34 Monoclonal Antibodies Identify Multipotent Mesenchymal Stem Cells in Human Adipose Tissue. Stem Cells and Development, 2010, 19, 915-925.	1.1	101
7	The novel RASSF6 and RASSF10 candidate tumour suppressor genes are frequently epigenetically inactivated in childhood leukaemias. Molecular Cancer, 2009, 8, 42.	7.9	99
8	Epigenetic analysis of childhood acute lymphoblastic leukemia. Epigenetics, 2009, 4, 185-193.	1.3	97
9	Therapeutic effect of human adipose-derived stem cells and their secretome in experimental diabetic pain. Scientific Reports, 2017, 7, 9904.	1.6	90
10	Raman spectroscopy uncovers biochemical tissue-related features of extracellular vesicles from mesenchymal stromal cells. Scientific Reports, 2017, 7, 9820.	1.6	77
11	Osteogenic differentiation of human adipose-derived stem cells: comparison of two different inductive media. Journal of Tissue Engineering and Regenerative Medicine, 2007, 1, 154-157.	1.3	76
12	Expression of Neural Markers by Undifferentiated Mesenchymal-Like Stem Cells from Different Sources. Journal of Immunology Research, 2014, 2014, 1-16.	0.9	69
13	Raman spectroscopy as a quick tool to assess purity of extracellular vesicle preparations and predict their functionality. Journal of Extracellular Vesicles, 2019, 8, 1568780.	5.5	64
14	Systemic Administration of Human Adipose-Derived Stem Cells Reverts Nociceptive Hypersensitivity in an Experimental Model of Neuropathy. Stem Cells and Development, 2013, 22, 1252-1263.	1.1	62
15	Drug Loaded Gingival Mesenchymal Stromal Cells (GinPa-MSCs) Inhibit In Vitro Proliferation of Oral Squamous Cell Carcinoma. Scientific Reports, 2017, 7, 9376.	1.6	60
16	Diagnostic utility of IDH1/2 mutations to distinguish dedifferentiated chondrosarcoma from undifferentiated pleomorphic sarcoma of bone. Human Pathology, 2017, 65, 239-246.	1.1	50
17	Frequent epigenetic inactivation of<i>KIBRA,</i>an upstream member of the Salvador/Warts/Hippo (SWH) tumor suppressor network, is associated with specific genetic event in B-cell acute lymphocytic leukemia. Epigenetics, 2011, 6, 326-332.	1.3	47
18	In Vitro Anticancer Activity of Extracellular Vesicles (EVs) Secreted by Gingival Mesenchymal Stromal Cells Primed with Paclitaxel. Pharmaceutics, 2019, 11, 61.	2.0	44

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19	Adult Stem Cell as New Advanced Therapy for Experimental Neuropathic Pain Treatment. BioMed Research International, 2014, 2014, 1-10.	0.9	39
20	Cell-mediated drug delivery by gingival interdental papilla mesenchymal stromal cells (GinPa-MSCs) loaded with paclitaxel. Expert Opinion on Drug Delivery, 2016, 13, 789-798.	2.4	39
21	Functional epigenetic approach identifies frequently methylated genes in Ewing sarcoma. Epigenetics, 2013, 8, 1198-1204.	1.3	38
22	Adipose-derived stromal cell secretome reduces TNFÎ±-induced hypertrophy and catabolic markers in primary human articular chondrocytes. Stem Cell Research, 2019, 38, 101463.	0.3	37
23	Antitumor IgE Adjuvanticity: Key Role of FcÎµRI. Journal of Immunology, 2009, 183, 4530-4536.	0.4	36
24	Porcine adipose-derived stem cells from buccal fat pad and subcutaneous adipose tissue for future preclinical studies in oral surgery. Stem Cell Research and Therapy, 2013, 4, 148.	2.4	36
25	Paclitaxel-releasing mesenchymal stromal cells inhibit in vitro proliferation of human mesothelioma cells. Biomedicine and Pharmacotherapy, 2017, 87, 755-758.	2.5	36
26	Chemical and genetic blockade of HDACs enhances osteogenic differentiation of human adipose tissue-derived stem cells by oppositely affecting osteogenic and adipogenic transcription factors. Biochemical and Biophysical Research Communications, 2012, 428, 271-277.	1.0	35
27	17Î²-estradiol differently affects osteogenic differentiation of mesenchymal stem/stromal cells from adipose tissue and bone marrow. Differentiation, 2016, 92, 291-297.	1.0	34
28	Role of autologous rabbit adiposeâ€derived stem cells in the early phases of the repairing process of critical bone defects. Journal of Orthopaedic Research, 2011, 29, 100-108.	1.2	33
29	Differential Proteomic Analysis Predicts Appropriate Applications for the Secretome of Adipose-Derived Mesenchymal Stem/Stromal Cells and Dermal Fibroblasts. Stem Cells International, 2018, 2018, 1-11.	1.2	33
30	Adipose-derived stem cells and rabbit bone regeneration: histomorphometric, immunohistochemical and mechanical characterization. Journal of Orthopaedic Science, 2013, 18, 331-339.	0.5	32
31	Repair of osteochondral defects in the minipig model by OPF hydrogel loaded with adipose-derived mesenchymal stem cells. Regenerative Medicine, 2015, 10, 135-151.	0.8	31
32	Cutting Edge: IgE Plays an Active Role in Tumor Immunosurveillance in Mice. Journal of Immunology, 2016, 197, 2583-2588.	0.4	31
33	Comparison of two ASC-derived therapeutics in an in vitro OA model: secretome versus extracellular vesicles. Stem Cell Research and Therapy, 2020, 11, 521.	2.4	30
34	Covid-19â€”The real role of NSAIDs in Italy. Journal of Orthopaedic Surgery and Research, 2020, 15, 165.	0.9	29
35	Genomic and transcriptomic characterisation of undifferentiated pleomorphic sarcoma of bone. Journal of Pathology, 2019, 247, 166-176.	2.1	28
36	RASSF2methylation is a strong prognostic marker in younger age patients with Ewing sarcoma. Epigenetics, 2013, 8, 893-898.	1.3	27

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37	Hypoxia Promotes the Inflammatory Response and Stemness Features in Visceral Fat Stem Cells From Obese Subjects. Journal of Cellular Physiology, 2016, 231, 668-679.	2.0	26
38	Genetic analyses of undifferentiated small round cell sarcoma identifies a novel sarcoma subtype with a recurrent CRTC1â€“SS18 gene fusion. Journal of Pathology, 2018, 245, 186-196.	2.1	26
39	Nitric oxide and prostacyclin pathways: An integrated mechanism that limits myocardial infarction progression in anaesthetized rats. Pharmacological Research, 2006, 53, 359-366.	3.1	24
40	Fluorescent Immortalized Human Adipose Derived Stromal Cells (hASCs-TS/GFP+) for Studying Cell Drug Delivery Mediated by Microvesicles. Anti-Cancer Agents in Medicinal Chemistry, 2017, 17, 1578-1585.	0.9	23
41	Novel effect of nefopam preventing cGMP increase, oxygen radical formation and neuronal death induced by veratridine. Neuropharmacology, 2001, 41, 935-942.	2.0	22
42	Impact of Dental Implant Surface Modifications on Adhesion and Proliferation of Primary Human Gingival Keratinocytes and Progenitor Cells. International Journal of Periodontics and Restorative Dentistry, 2018, 38, 127-135.	0.4	22
43	Comprehensive Molecular Characterization of Adamantinoma and OFD-like Adamantinoma Bone Tumors. American Journal of Surgical Pathology, 2019, 43, 965-974.	2.1	20
44	Secretome of human adipose-derived mesenchymal stem cell relieves pain and neuroinflammation independently of the route of administration in experimental osteoarthritis. Brain, Behavior, and Immunity, 2021, 94, 29-40.	2.0	20
45	Uptake-release by MSCs of a cationic platinum(II) complex active in vitro on human malignant cancer cell lines. Biomedicine and Pharmacotherapy, 2018, 108, 111-118.	2.5	18
46	Transplanted Human Adipose Tissue-Derived Stem Cells Engraft and Induce Regeneration in Mice Olfactory Neuroepithelium in Response to Dichlobenil Subministration. Chemical Senses, 2014, 39, 617-629.	1.1	17
47	Management of Osteoarthritis During the COVIDâ€19 Pandemic. Clinical Pharmacology and Therapeutics, 2020, 108, 719-729.	2.3	17
48	Proteomic analysis of extracellular vesicles and conditioned medium from human adipose-derived stem/stromal cells and dermal fibroblasts. Journal of Proteomics, 2021, 232, 104069.	1.2	16
49	An Antitumor Cellular Vaccine Based on a Mini-Membrane IgE. Journal of Immunology, 2012, 188, 103-110.	0.4	15
50	Nitrogen Containing Bisphosphonates Impair the Release of Bone Homeostasis Mediators and Matrix Production by Human Primary Pre-Osteoblasts. International Journal of Medical Sciences, 2019, 16, 23-32.	1.1	14
51	Towards Secretome Standardization: Identifying Key Ingredients of MSC-Derived Therapeutic Cocktail. Stem Cells International, 2021, 2021, 1-13.	1.2	14
52	Raman Fingerprint of Extracellular Vesicles and Conditioned Media for the Reproducibility Assessment of Cell-Free Therapeutics. Frontiers in Bioengineering and Biotechnology, 2021, 9, 640617.	2.0	13
53	In situdetection of a heat-shock regulatory element binding protein using a soluble short synthetic enhancer sequence. Nucleic Acids Research, 1989, 17, 4077-4087.	6.5	12
54	A Nonenzymatic and Automated Closed-Cycle Process for the Isolation of Mesenchymal Stromal Cells in Drug Delivery Applications. Stem Cells International, 2018, 2018, 1-10.	1.2	12

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55	Quantitative Lipidomic Analysis of Osteosarcoma Cell-Derived Products by UHPLC-MS/MS. Biomolecules, 2020, 10, 1302.	1.8	11
56	Bioactive Lipids in MSCs Biology: State of the Art and Role in Inflammation. International Journal of Molecular Sciences, 2021, 22, 1481.	1.8	11
57	Human Olfactory Bulb Neural Stem Cells (Hu-OBNSCs) Can Be Loaded with Paclitaxel and Used to Inhibit Glioblastoma Cell Growth. Pharmaceutics, 2019, 11, 45.	2.0	9
58	Human Adipose-Derived Stem Cells on Rapid Prototyped Three-Dimensional Hydroxyapatite/Beta-Tricalcium Phosphate Scaffold. Journal of Craniofacial Surgery, 2016, 27, 727-732.	0.3	8
59	Effect of an Activated Platelet Concentrate on Differentiated Cells Involved in Tissue Healing. Journal of Craniofacial Surgery, 2016, 27, 656-661.	0.3	7
60	Activation of HIV-enhancer binding activity by mild detergents in human T cells. Biochemical and Biophysical Research Communications, 1989, 162, 238-243.	1.0	5
61	Dynamics of Connexin 43 Down Modulation in Human Articular Chondrocytes Stimulated by Tumor Necrosis Factor Alpha. International Journal of Molecular Sciences, 2022, 23, 5575.	1.8	5
62	Lipidomics of Cell Secretome Combined with the Study of Selected Bioactive Lipids in an In Vitro Model of Osteoarthritis. Stem Cells Translational Medicine, 2022, 11, 959-970.	1.6	5
63	Polythiophene-mediated light modulation of membrane potential and calcium signalling in human adipose-derived stem/stromal cells. Journal of Materials Chemistry C, 2022, 10, 9823-9833.	2.7	4
64	Chondrogenic potential of human mesenchymal stem cells and expression of Slug transcription factor. Journal of Tissue Engineering and Regenerative Medicine, 2015, 9, 740-744.	1.3	3
65	Does Freezeâ€“Thawing Influence the Effects of Platelet Concentrates? An In Vitro Study on Human Adipose-Derived Stem Cells. Journal of Craniofacial Surgery, 2016, 27, 398-404.	0.3	3
66	3D mesoporous bioactive glass/silk/chitosan scaffolds and their compatibility with human adiposeâ€derived stromal cells. International Journal of Applied Ceramic Technology, 2020, 17, 2779-2791.	1.1	3
67	Detection of enhancer binding proteins recognizing the human immunodeficiency virus long terminal repeat by in situ gel retardation. Biochemical and Biophysical Research Communications, 1989, 160, 268-275.	1.0	1
68	A dinucleotide repeat polymorphism in the gene for the Î³ subunit of the human FcÎµ receptors (FLER16). Human Molecular Genetics, 1993, 2, 619-619.	1.4	1
69	Human Osteochondral Explants as an Ex Vivo Model of Osteoarthritis for the Assessment of a Novel Class of Orthobiologics. Pharmaceutics, 2022, 14, 1231.	2.0	1