

# Anna T. Brini

## List of Publications by Year in descending order

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69  
papers

2,650  
citations

159525

30  
h-index

197736

49  
g-index

69  
all docs

69  
docs citations

69  
times ranked

4816  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics of Connexin 43 Down Modulation in Human Articular Chondrocytes Stimulated by Tumor Necrosis Factor Alpha. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5575.	1.8	5
2	Polythiophene-mediated light modulation of membrane potential and calcium signalling in human adipose-derived stem/stromal cells. <i>Journal of Materials Chemistry C</i> , 2022, 10, 9823-9833.	2.7	4
3	Human Osteochondral Explants as an Ex Vivo Model of Osteoarthritis for the Assessment of a Novel Class of Orthobiologics. <i>Pharmaceutics</i> , 2022, 14, 1231.	2.0	1
4	Lipidomics of Cell Secretome Combined with the Study of Selected Bioactive Lipids in an In Vitro Model of Osteoarthritis. <i>Stem Cells Translational Medicine</i> , 2022, 11, 959-970.	1.6	5
5	Proteomic analysis of extracellular vesicles and conditioned medium from human adipose-derived stem/stromal cells and dermal fibroblasts. <i>Journal of Proteomics</i> , 2021, 232, 104069.	1.2	16
6	Bioactive Lipids in MSCs Biology: State of the Art and Role in Inflammation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1481.	1.8	11
7	Raman Fingerprint of Extracellular Vesicles and Conditioned Media for the Reproducibility Assessment of Cell-Free Therapeutics. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 640617.	2.0	13
8	Secretome of human adipose-derived mesenchymal stem cell relieves pain and neuroinflammation independently of the route of administration in experimental osteoarthritis. <i>Brain, Behavior, and Immunity</i> , 2021, 94, 29-40.	2.0	20
9	Towards Secretome Standardization: Identifying Key Ingredients of MSC-Derived Therapeutic Cocktail. <i>Stem Cells International</i> , 2021, 2021, 1-13.	1.2	14
10	Comparison of two ASC-derived therapeutics in an in vitro OA model: secretome versus extracellular vesicles. <i>Stem Cell Research and Therapy</i> , 2020, 11, 521.	2.4	30
11	3D mesoporous bioactive glass/silk/chitosan scaffolds and their compatibility with human adipose-derived stromal cells. <i>International Journal of Applied Ceramic Technology</i> , 2020, 17, 2779-2791.	1.1	3
12	Quantitative Lipidomic Analysis of Osteosarcoma Cell-Derived Products by UHPLC-MS/MS. <i>Biomolecules</i> , 2020, 10, 1302.	1.8	11
13	Management of Osteoarthritis During the COVID-19 Pandemic. <i>Clinical Pharmacology and Therapeutics</i> , 2020, 108, 719-729.	2.3	17
14	Covid-19 "The real role of NSAIDs in Italy. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 165.	0.9	29
15	Human Olfactory Bulb Neural Stem Cells (Hu-OBNSCs) Can Be Loaded with Paclitaxel and Used to Inhibit Glioblastoma Cell Growth. <i>Pharmaceutics</i> , 2019, 11, 45.	2.0	9
16	Nitrogen Containing Bisphosphonates Impair the Release of Bone Homeostasis Mediators and Matrix Production by Human Primary Pre-Osteoblasts. <i>International Journal of Medical Sciences</i> , 2019, 16, 23-32.	1.1	14
17	Adipose-derived stromal cell secretome reduces TNF $\alpha$ -induced hypertrophy and catabolic markers in primary human articular chondrocytes. <i>Stem Cell Research</i> , 2019, 38, 101463.	0.3	37
18	Raman spectroscopy as a quick tool to assess purity of extracellular vesicle preparations and predict their functionality. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1568780.	5.5	64

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19	In Vitro Anticancer Activity of Extracellular Vesicles (EVs) Secreted by Gingival Mesenchymal Stromal Cells Primed with Paclitaxel. <i>Pharmaceutics</i> , 2019, 11, 61.	2.0	44
20	Comprehensive Molecular Characterization of Adamantinoma and OFD-like Adamantinoma Bone Tumors. <i>American Journal of Surgical Pathology</i> , 2019, 43, 965-974.	2.1	20
21	Genomic and transcriptomic characterisation of undifferentiated pleomorphic sarcoma of bone. <i>Journal of Pathology</i> , 2019, 247, 166-176.	2.1	28
22	Genetic analyses of undifferentiated small round cell sarcoma identifies a novel sarcoma subtype with a recurrent <i>CRTC1-SS18</i> gene fusion. <i>Journal of Pathology</i> , 2018, 245, 186-196.	2.1	26
23	Uptake-release by MSCs of a cationic platinum(II) complex active in vitro on human malignant cancer cell lines. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 111-118.	2.5	18
24	Differential Proteomic Analysis Predicts Appropriate Applications for the Secretome of Adipose-Derived Mesenchymal Stem/Stromal Cells and Dermal Fibroblasts. <i>Stem Cells International</i> , 2018, 2018, 1-11.	1.2	33
25	Impact of Dental Implant Surface Modifications on Adhesion and Proliferation of Primary Human Gingival Keratinocytes and Progenitor Cells. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2018, 38, 127-135.	0.4	22
26	A Nonenzymatic and Automated Closed-Cycle Process for the Isolation of Mesenchymal Stromal Cells in Drug Delivery Applications. <i>Stem Cells International</i> , 2018, 2018, 1-10.	1.2	12
27	Paclitaxel-releasing mesenchymal stromal cells inhibit in vitro proliferation of human mesothelioma cells. <i>Biomedicine and Pharmacotherapy</i> , 2017, 87, 755-758.	2.5	36
28	Diagnostic utility of IDH1/2 mutations to distinguish dedifferentiated chondrosarcoma from undifferentiated pleomorphic sarcoma of bone. <i>Human Pathology</i> , 2017, 65, 239-246.	1.1	50
29	Drug Loaded Gingival Mesenchymal Stromal Cells (GinPa-MSCs) Inhibit In Vitro Proliferation of Oral Squamous Cell Carcinoma. <i>Scientific Reports</i> , 2017, 7, 9376.	1.6	60
30	Therapeutic effect of human adipose-derived stem cells and their secretome in experimental diabetic pain. <i>Scientific Reports</i> , 2017, 7, 9904.	1.6	90
31	Raman spectroscopy uncovers biochemical tissue-related features of extracellular vesicles from mesenchymal stromal cells. <i>Scientific Reports</i> , 2017, 7, 9820.	1.6	77
32	Mesenchymal stem/stromal cell extracellular vesicles: From active principle to next generation drug delivery system. <i>Journal of Controlled Release</i> , 2017, 262, 104-117.	4.8	121
33	Fluorescent Immortalized Human Adipose Derived Stromal Cells (hASCs-TS/GFP+) for Studying Cell Drug Delivery Mediated by Microvesicles. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 1578-1585.	0.9	23
34	Cell-mediated drug delivery by gingival interdental papilla mesenchymal stromal cells (GinPa-MSCs) loaded with paclitaxel. <i>Expert Opinion on Drug Delivery</i> , 2016, 13, 789-798.	2.4	39
35	Hypoxia Promotes the Inflammatory Response and Stemness Features in Visceral Fat Stem Cells From Obese Subjects. <i>Journal of Cellular Physiology</i> , 2016, 231, 668-679.	2.0	26
36	Does Freeze-Thawing Influence the Effects of Platelet Concentrates? An In Vitro Study on Human Adipose-Derived Stem Cells. <i>Journal of Craniofacial Surgery</i> , 2016, 27, 398-404.	0.3	3

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37	17 $\beta$ -estradiol differently affects osteogenic differentiation of mesenchymal stem/stromal cells from adipose tissue and bone marrow. <i>Differentiation</i> , 2016, 92, 291-297.	1.0	34
38	Cutting Edge: IgE Plays an Active Role in Tumor Immunosurveillance in Mice. <i>Journal of Immunology</i> , 2016, 197, 2583-2588.	0.4	31
39	Effect of an Activated Platelet Concentrate on Differentiated Cells Involved in Tissue Healing. <i>Journal of Craniofacial Surgery</i> , 2016, 27, 656-661.	0.3	7
40	Human Adipose-Derived Stem Cells on Rapid Prototyped Three-Dimensional Hydroxyapatite/Beta-Tricalcium Phosphate Scaffold. <i>Journal of Craniofacial Surgery</i> , 2016, 27, 727-732.	0.3	8
41	Repair of osteochondral defects in the minipig model by OPF hydrogel loaded with adipose-derived mesenchymal stem cells. <i>Regenerative Medicine</i> , 2015, 10, 135-151.	0.8	31
42	Chondrogenic potential of human mesenchymal stem cells and expression of Slug transcription factor. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, 740-744.	1.3	3
43	Adult Stem Cell as New Advanced Therapy for Experimental Neuropathic Pain Treatment. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	39
44	Transplanted Human Adipose Tissue-Derived Stem Cells Engraft and Induce Regeneration in Mice Olfactory Neuroepithelium in Response to Dichlobenil Subministration. <i>Chemical Senses</i> , 2014, 39, 617-629.	1.1	17
45	Expression of Neural Markers by Undifferentiated Mesenchymal-Like Stem Cells from Different Sources. <i>Journal of Immunology Research</i> , 2014, 2014, 1-16.	0.9	69
46	Adipose-derived stem cells and rabbit bone regeneration: histomorphometric, immunohistochemical and mechanical characterization. <i>Journal of Orthopaedic Science</i> , 2013, 18, 331-339.	0.5	32
47	Porcine adipose-derived stem cells from buccal fat pad and subcutaneous adipose tissue for future preclinical studies in oral surgery. <i>Stem Cell Research and Therapy</i> , 2013, 4, 148.	2.4	36
48	Systemic Administration of Human Adipose-Derived Stem Cells Reverts Nociceptive Hypersensitivity in an Experimental Model of Neuropathy. <i>Stem Cells and Development</i> , 2013, 22, 1252-1263.	1.1	62
49	Functional epigenetic approach identifies frequently methylated genes in Ewing sarcoma. <i>Epigenetics</i> , 2013, 8, 1198-1204.	1.3	38
50	<i>RASSF2</i> methylation is a strong prognostic marker in younger age patients with Ewing sarcoma. <i>Epigenetics</i> , 2013, 8, 893-898.	1.3	27
51	Mesenchymal Stem/Stromal Cells: A New Paradigm. Efficacy and Critical Aspects in Cell Therapy. <i>Current Pharmaceutical Design</i> , 2013, 19, 2459-2473.	0.9	144
52	An Antitumor Cellular Vaccine Based on a Mini-Membrane IgE. <i>Journal of Immunology</i> , 2012, 188, 103-110.	0.4	15
53	Chemical and genetic blockade of HDACs enhances osteogenic differentiation of human adipose tissue-derived stem cells by oppositely affecting osteogenic and adipogenic transcription factors. <i>Biochemical and Biophysical Research Communications</i> , 2012, 428, 271-277.	1.0	35
54	Role of autologous rabbit adipose-derived stem cells in the early phases of the repairing process of critical bone defects. <i>Journal of Orthopaedic Research</i> , 2011, 29, 100-108.	1.2	33

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55	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. <i>Epigenetics</i> , 2011, 6, 326-332.	1.3	47
56	Anti-L-NGFR and -CD34 Monoclonal Antibodies Identify Multipotent Mesenchymal Stem Cells in Human Adipose Tissue. <i>Stem Cells and Development</i> , 2010, 19, 915-925.	1.1	101
57	Epigenetic analysis of childhood acute lymphoblastic leukemia. <i>Epigenetics</i> , 2009, 4, 185-193.	1.3	97
58	Antitumor IgE Adjuvanticity: Key Role of Fc $\mu$ RI. <i>Journal of Immunology</i> , 2009, 183, 4530-4536.	0.4	36
59	Isolation, characterization and osteogenic differentiation of adipose-derived stem cells: from small to large animal models. <i>Cell and Tissue Research</i> , 2009, 338, 401-411.	1.5	109
60	The novel RASSF6 and RASSF10 candidate tumour suppressor genes are frequently epigenetically inactivated in childhood leukaemias. <i>Molecular Cancer</i> , 2009, 8, 42.	7.9	99
61	Human adipose-derived stem cells isolated from young and elderly women: their differentiation potential and scaffold interaction during in vitro osteoblastic differentiation. <i>Cytotherapy</i> , 2009, 11, 793-803.	0.3	121
62	Osteogenic differentiation of human adipose-derived stem cells: comparison of two different inductive media. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2007, 1, 154-157.	1.3	76
63	Nitric oxide and prostacyclin pathways: An integrated mechanism that limits myocardial infarction progression in anaesthetized rats. <i>Pharmacological Research</i> , 2006, 53, 359-366.	3.1	24
64	Novel effect of nefopam preventing cGMP increase, oxygen radical formation and neuronal death induced by veratridine. <i>Neuropharmacology</i> , 2001, 41, 935-942.	2.0	22
65	Allergy-Associated Fc $\mu$ RI <sup>2</sup> Is a Molecular Amplifier of IgE- and IgG-Mediated In Vivo Responses. <i>Immunity</i> , 1998, 8, 517-529.	6.6	207
66	A dinucleotide repeat polymorphism in the gene for the $\hat{1}^3$ subunit of the human Fc $\mu$ receptors (FLER16). <i>Human Molecular Genetics</i> , 1993, 2, 619-619.	1.4	1
67	In situ detection of a heat-shock regulatory element binding protein using a soluble short synthetic enhancer sequence. <i>Nucleic Acids Research</i> , 1989, 17, 4077-4087.	6.5	12
68	Detection of enhancer binding proteins recognizing the human immunodeficiency virus long terminal repeat by in situ gel retardation. <i>Biochemical and Biophysical Research Communications</i> , 1989, 160, 268-275.	1.0	1
69	Activation of HIV-enhancer binding activity by mild detergents in human T cells. <i>Biochemical and Biophysical Research Communications</i> , 1989, 162, 238-243.	1.0	5