

# Denise C. Machado

## List of Publications by Year in descending order

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Version: 2024-02-01

78  
papers

1,868  
citations

361413

20  
h-index

276875

41  
g-index

81  
all docs

81  
docs citations

81  
times ranked

2572  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Platelet Plasma Growth Factors in Male Pattern Baldness Surgery. <i>Plastic and Reconstructive Surgery</i> , 2006, 118, 1458-1466.	1.4	247
2	Potential allergens stimulate the release of mediators of the allergic response from cells of mast cell lineage in the absence of sensitization with antigen-specific IgE. <i>European Journal of Immunology</i> , 1996, 26, 2972-2980.	2.9	146
3	Sources of Processed Lipoaspirate Cells: Influence of Donor Site on Cell Concentration. <i>Plastic and Reconstructive Surgery</i> , 2008, 122, 614-618.	1.4	143
4	Intra-Arterial Infusion of Autologous Bone Marrow Mononuclear Cells in Patients with Moderate to Severe Middle Cerebral Artery Acute Ischemic Stroke. <i>Cell Transplantation</i> , 2012, 21, 13-21.	2.5	140
5	Effects of human aging on periodontal tissues. <i>Special Care in Dentistry</i> , 2009, 29, 149-155.	0.8	93
6	Differentiation of human adipose-derived adult stem cells into neuronal tissue: Does it work?. <i>Differentiation</i> , 2009, 77, 221-228.	1.9	88
7	The dose-response effect of acute intravenous transplantation of human umbilical cord blood cells on brain damage and spatial memory deficits in neonatal hypoxia-ischemia. <i>Neuroscience</i> , 2012, 210, 431-441.	2.3	60
8	A new waterborne chitosan-based polyurethane hydrogel as a vehicle to transplant bone marrow mesenchymal cells improved wound healing of ulcers in a diabetic rat model. <i>Carbohydrate Polymers</i> , 2020, 231, 115734.	10.2	58
9	Protective immune response against methicillin resistant <i>Staphylococcus aureus</i> in a murine model using a DNA vaccine approach. <i>Vaccine</i> , 2003, 21, 2661-2666.	3.8	56
10	The protective effects of guaraná extract ( <i>Paullinia cupana</i> ) on fibroblast NIH-3T3 cells exposed to sodium nitroprusside. <i>Food and Chemical Toxicology</i> , 2013, 53, 119-125.	3.6	56
11	Prevention of seizures and reorganization of hippocampal functions by transplantation of bone marrow cells in the acute phase of experimental epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2010, 19, 84-92.	2.0	54
12	Effect of Low-Level Laser Therapy on Inflammatory Reactions during Wound Healing: Comparison with Meloxicam. <i>Photomedicine and Laser Surgery</i> , 2007, 25, 467-473.	2.0	49
13	Bone marrow mononuclear cells reduce seizure frequency and improve cognitive outcome in chronic epileptic rats. <i>Life Sciences</i> , 2011, 89, 229-234.	4.3	40
14	Identification of the High Affinity Receptor Binding Region in Human Immunoglobulin E. <i>Journal of Biological Chemistry</i> , 1996, 271, 7494-7500.	3.4	35
15	Effects of Diet on Telomere Length: Systematic Review and Meta-Analysis. <i>Public Health Genomics</i> , 2017, 20, 286-292.	1.0	33
16	Effect of titanium surface roughness on human bone marrow cell proliferation and differentiation: an experimental study. <i>Acta Cirurgica Brasileira</i> , 2009, 24, 200-205.	0.7	30
17	Diagnosis of parapneumonic pleural effusion by polymerase chain reaction in children. <i>Journal of Pediatric Surgery</i> , 2005, 40, 1106-1110.	1.6	25
18	Cytotoxicity of Silver Solder Employed in Orthodontics. <i>Angle Orthodontist</i> , 2009, 79, 939-944.	2.4	23

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19	Use of calcium phosphate cement scaffolds for bone tissue engineering: in vitro study. <i>Acta Cirurgica Brasileira</i> , 2011, 26, 7-11.	0.7	23
20	Assessment of extended-spectrum $\beta$ -lactamase, KPC carbapenemase and porin resistance mechanisms in clinical samples of <i>Klebsiella pneumoniae</i> and <i>Enterobacter</i> spp.. <i>International Journal of Antimicrobial Agents</i> , 2013, 42, 76-79.	2.5	23
21	Cytotoxicity of esthetic, metallic, and nickel-free orthodontic brackets: Cellular behavior and viability. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2012, 142, 70-74.	1.7	20
22	Can Local Supply of Bone Marrow Mononuclear Cells Improve the Outcome from Late Tubular Repair of Human Median and Ulnar Nerves?. <i>Journal of Hand Surgery: European Volume</i> , 2008, 33, 488-493.	1.0	19
23	Role of Glutamatergic Excitotoxicity in Neuromyelitis Optica Spectrum Disorders. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 142.	3.7	19
24	Biocompatibility Assessment of Poly(lactic acid) Films after Sterilization with Ethylene Oxide in Histological Study In Vivo with Wistar Rats and Cellular Adhesion of Fibroblasts In Vitro. <i>International Journal of Polymer Science</i> , 2017, 2017, 1-9.	2.7	18
25	Safety and seizure control in patients with mesial temporal lobe epilepsy treated with regional superselective intra-arterial injection of autologous bone marrow mononuclear cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e648-e656.	2.7	17
26	Infection of BALB/c mice with <i>Angiostrongylus costaricensis</i> decreases pulmonary inflammatory response to ovalbumin. <i>Parasite Immunology</i> , 2004, 26, 151-155.	1.5	15
27	Evaluation of miR-135a/b expression in endometriosis lesions. <i>Biomedical Reports</i> , 2019, 11, 181-187.	2.0	15
28	Effect of different helminth extracts on the development of asthma in mice: The influence of early-life exposure and the role of IL-10 response. <i>Experimental Parasitology</i> , 2015, 156, 95-103.	1.2	13
29	Effect of heat treatment on cytotoxicity of self-adhesive resin cements: Cell viability analysis. <i>European Journal of Dentistry</i> , 2018, 12, 281-286.	1.7	13
30	Association Between T102C Polymorphism of Serotonin 2A Receptor Gene and Urinary Incontinence in Older Women. <i>Journal of Investigative Medicine</i> , 2010, 58, 32-37.	1.6	12
31	Induced pluripotent stem cells from patients with focal cortical dysplasia and refractory epilepsy. <i>Molecular Medicine Reports</i> , 2017, 15, 2049-2056.	2.4	12
32	Effect of clarithromycin on the cell profile of bronchoalveolar lavage fluid in mice with neutrophil-predominant lung disease. <i>Revista Do Hospital Das Clinicas</i> , 2004, 59, 99-103.	0.5	11
33	Viral coinfection in the oral cavity of HIV-infected children: relation among HIV viral load, CD4+T lymphocyte count and detection of EBV, CMV and HSV. <i>Brazilian Oral Research</i> , 2005, 19, 228-234.	1.4	11
34	Efeitos das células tronco adultas de medula óssea e do plasma rico em plaquetas na regeneração e recuperação funcional nervosa em um modelo de defeito agudo em nervo periférico em rato. <i>Acta Ortopedica Brasileira</i> , 2006, 14, 273-275.	0.5	11
35	Use of induced pluripotent stem cells (iPSCs) and cerebral organoids in modeling the congenital infection and neuropathogenesis induced by Zika virus. <i>Journal of Medical Virology</i> , 2019, 91, 525-532.	5.0	11
36	Experimental Models of Neuroimmunological Disorders: A Review. <i>Frontiers in Neurology</i> , 2020, 11, 389.	2.4	11

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37	The expression of pluripotency genes and neuronal markers after neurodifferentiation in fibroblasts co-cultured with human umbilical cord blood mononuclear cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2015, 51, 26-35.	1.5	10
38	Adipogenic Mesenchymal Stem Cells and Hyaluronic Acid as a Cellular Compound for Bone Tissue Engineering. <i>Journal of Craniofacial Surgery</i> , 2019, 30, 777-783.	0.7	10
39	Transition of cervical carcinoma in situ to invasive cancer: Role of p16INK4a expression in progression and in recurrence. <i>Experimental and Molecular Pathology</i> , 2009, 86, 46-50.	2.1	9
40	MTOR pathway in focal cortical dysplasia type 2: What do we know?. <i>Epilepsy and Behavior</i> , 2018, 85, 157-163.	1.7	9
41	Important advances in Alzheimer's disease from the use of induced pluripotent stem cells. <i>Journal of Biomedical Science</i> , 2019, 26, 15.	7.0	9
42	Discrepancy between cytokine production from peripheral blood mononuclear cells and nasal secretions among infants with acute bronchiolitis. <i>Annals of Allergy, Asthma and Immunology</i> , 2004, 92, 659-662.	1.0	8
43	Effect of <i>Angiostrongylus costaricensis</i> extract on eosinophilic pulmonary response in BALB/c mice. <i>Parasitology Research</i> , 2006, 98, 295-298.	1.6	8
44	Autologous transplantation of mononuclear bone marrow cells after acute myocardial infarction: A PILOT study. <i>International Journal of Cardiology</i> , 2012, 158, 449-450.	1.7	8
45	Detection of autoantibodies in central nervous system inflammatory disorders: Clinical application of cell-based assays. <i>Multiple Sclerosis and Related Disorders</i> , 2020, 38, 101858.	2.0	8
46	Concentrations of interleukin-2 in the nasopharyngeal secretion of children with acute respiratory syncytial virus bronchiolitis. <i>Jornal De Pediatria</i> , 2004, 80, 315-320.	2.0	8
47	Bone marrow mononuclear cell transplant prevents rat depression and modulates inflammatory and neurogenic molecules. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022, 113, 110455.	4.8	7
48	Assessment of the Molecular Basis of the Proallergenic Effects of Cigarette Smoke. <i>Environmental Science &amp; Technology</i> , 2000, 34, 1370-1374.	10.0	6
49	Modelo experimental de lesão raquimedular em ratos com dispositivo para acesso de agentes terapêuticos locais. <i>Acta Ortopédica Brasileira</i> , 2007, 15, 155-157.	0.5	6
50	Serologic and Molecular Profile of Anti-HBc-Positive Blood Bank Donors in an Area of Low Endemicity for HBV. <i>Digestive Diseases and Sciences</i> , 2008, 53, 1370-1374.	2.3	6
51	Diagnosis of pulmonary aspiration: A mouse model using a starch granule test in bronchoalveolar lavage. <i>Respirology</i> , 2008, 13, 594-598.	2.3	6
52	Notch signaling in human iPSC-derived neuronal progenitor lines from Focal Cortical Dysplasia patients. <i>International Journal of Developmental Neuroscience</i> , 2018, 69, 112-118.	1.6	6
53	The antidepressant effect of bone marrow mononuclear cell transplantation in chronic stress. <i>Journal of Psychopharmacology</i> , 2019, 33, 632-639.	4.0	6
54	Migration and Synaptic Aspects of Neurons Derived from Human Induced Pluripotent Stem Cells from Patients with Focal Cortical Dysplasia II. <i>Neuroscience</i> , 2019, 408, 81-90.	2.3	5

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55	Analysis of genes involved in cell proliferation, adhesion, and control of apoptosis during embryonic neurogenesis in Induced Pluripotent Stem Cells (iPSCs) from patients with Focal Cortical Dysplasia. <i>Brain Research Bulletin</i> , 2020, 155, 112-118.	3.0	5
56	Protein and cell engineering of components of the human immunoglobulin E receptor/effector system: applications for therapy and diagnosis. <i>Technology and Health Care</i> , 1998, 6, 195-207.	1.2	4
57	Bone mineral density, metabolic syndrome, and vitamin D in indigenous from south of Brazil. <i>Archives of Osteoporosis</i> , 2013, 8, 134.	2.4	4
58	Dissociation between dopaminergic response and motor behavior following intrastratial, but not intravenous, transplant of bone marrow mononuclear stem cells in a mouse model of Parkinson's disease. <i>Behavioural Brain Research</i> , 2017, 324, 30-40.	2.2	4
59	Assessment of Adhesion and Proliferation of Bone Marrow Mesenchymal Stem Cells in Polymer Matrices with rhGH. <i>International Journal of Oral and Maxillofacial Implants</i> , 2017, 32, e183-e189.	1.4	4
60	HISTOLOGICAL MARKERS OF DEGENERATION AND REGENERATION OF THE HUMAN INTERVERTEBRAL DISK. <i>Coluna/ Columna</i> , 2017, 16, 42-47.	0.2	4
61	Levels of Th1 and Th2 cytokines in children with post-infectious bronchiolitis obliterans. <i>Annals of Tropical Paediatrics</i> , 2005, 25, 261-266.	1.0	3
62	Case Report: Placental Maternal Vascular Malperfusion Affecting Late Fetal Development and Multiorgan Infection Caused by SARS-CoV-2 in Patient With PAI-1 4G/5G Polymorphism. <i>Frontiers in Medicine</i> , 2021, 8, 624166.	2.6	3
63	Adipose tissue mature stem cells in skin healing: a controlled randomized study. <i>Revista Brasileira De Cirurgia Plastica</i> , 2011, 26, 394-401.	0.0	2
64	Tuberculous meningoencephalomyelitis and coinfection with HTLV-I + HTLV-II: case report. <i>Arquivos De Neuro-Psiquiatria</i> , 2006, 64, 125-127.	0.8	2
65	Total Th1/Th2 cytokines profile from peripheral blood lymphocytes in normal pregnancy and preeclampsia syndrome. <i>Hypertension in Pregnancy</i> , 2022, 41, 15-22.	1.1	2
66	Method to obtain endoscopic esophageal samples for primary cell culture: focus on infectious contamination. <i>Digestive Diseases and Sciences</i> , 2000, 45, 1667-1669.	2.3	1
67	Behavior of plasma hemoglobin in an experimental model of occlusive mesenteric ischemia. <i>Journal of Gastrointestinal Surgery</i> , 2003, 7, 603-605.	1.7	1
68	Stem-cell treatment in disc degeneration: What is the evidence?. <i>Coluna/ Columna</i> , 2013, 12, 61-63.	0.2	1
69	Intravenous infusion of bone marrow mononuclear cells promotes functional recovery and improves impaired cognitive function via inhibition of Rho guanine nucleotide triphosphatases and inflammatory signals in a model of chronic epilepsy. <i>Brain Structure and Function</i> , 2020, 225, 2799-2813.	2.3	1
70	Correlation between IL-31 and sCD40L plasma levels in Fingolimod-treated patients with Relapsing-Remitting Multiple Sclerosis (RRMS). <i>Journal of Neuroimmunology</i> , 2021, 350, 577435.	2.3	1
71	Factors related to decreased vitamin D levels in men with spinal cord injury living in a subtropical region. <i>Scientia Medica</i> , 2018, 28, 28381.	0.3	1
72	Modified location of the major histocompatibility protein Kb by co-delivery with VP22 protein. <i>New Biotechnology</i> , 2004, 21, 27-31.	2.7	0

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73	Assessment of the Viability of NIH3T3 Fibroblast Cells Cultured in Polymer Matrices with rhGH. Journal of Polymers and the Environment, 2018, 26, 906-912.	5.0	0
74	Umbilical Mononuclear Cells and Fibroblast Interaction Downregulate the Expression of Cell Cycle Negative Control Genes. Cellular Reprogramming, 2018, 20, 320-327.	0.9	0
75	Epigenomic profile and biological age. PAJAR - Pan-American Journal of Aging Research, 2020, 8, e37125.	0.1	0
76	Use of induced pluripotent stem cells and cerebral organoids to profile Zika virus infection: Features and findings. , 2021, , 85-95.		0
77	Development of an experimental model of neutrophilic pulmonary response induction in mice. Jornal De Pneumologia, 2003, 29, 213-214.	0.1	0
78	Proliferation of human bone marrow stem cells cultured on alfa-tricalcium phosphate cement and titanium discs. Revista De Ciências MÃ©dicas E BiolÃ³gicas, 2014, 13, 7.	0.1	0