

Srgio Augusto Lopes De Souza

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

81
papers

1,036
citations

19
h-index

29
g-index

89
ext. papers

1,236
ext. citations

3.2
avg, IF

3.77
L-index

#	Paper	IF	Citations
81	Intraperitoneal but not intravenous cryopreserved mesenchymal stromal cells home to the inflamed colon and ameliorate experimental colitis. <i>PLoS ONE</i> , 2012 , 7, e33360	3.7	96
80	Biodistribution of bone marrow mononuclear cells after intra-arterial or intravenous transplantation in subacute stroke patients. <i>Regenerative Medicine</i> , 2013 , 8, 145-55	2.5	85
79	Intravenous and intra-arterial administration of bone marrow mononuclear cells after focal cerebral ischemia: Is there a difference in biodistribution and efficacy?. <i>Stem Cell Research</i> , 2012 , 9, 1-8	1.6	61
78	Heavy metal tolerance (Cr, Ag and Hg) in bacteria isolated from sewage. <i>Brazilian Journal of Microbiology</i> , 2012 , 43, 1620-1631	2.2	58
77	Bone marrow mononuclear cell therapy for patients with cirrhosis: a Phase 1 study. <i>Liver International</i> , 2011 , 31, 391-400	7.9	47
76	The nasal delivery of nanoencapsulated statins - an approach for brain delivery. <i>International Journal of Nanomedicine</i> , 2016 , 11, 6575-6590	7.3	47
75	Biological Impact of Transpulmonary Driving Pressure in Experimental Acute Respiratory Distress Syndrome. <i>Anesthesiology</i> , 2015 , 123, 423-33	4.3	43
74	Copper-64: a real theranostic agent. <i>Drug Design, Development and Therapy</i> , 2018 , 12, 3235-3245	4.4	37
73	Bone Marrow-Derived Mononuclear Cell Therapy Accelerates Renal Ischemia-Reperfusion Injury Recovery by Modulating Inflammatory, Antioxidant and Apoptotic Related Molecules. <i>Cellular Physiology and Biochemistry</i> , 2017 , 41, 1736-1752	3.9	31
72	(99m)Tc-anti-TNF- β scintigraphy in RA: a comparison pilot study with MRI and clinical examination. <i>Rheumatology</i> , 2011 , 50, 2044-50	3.9	30
71	Intratracheal instillation of bone marrow-derived cell in an experimental model of silicosis. <i>Respiratory Physiology and Neurobiology</i> , 2009 , 169, 227-33	2.8	26
70	Heavy metal tolerance (Cr, Ag AND Hg) in bacteria isolated from sewage. <i>Brazilian Journal of Microbiology</i> , 2012 , 43, 1620-31	2.2	26
69	Safety of Allogeneic Canine Adipose Tissue-Derived Mesenchymal Stem Cell Intraspinal Transplantation in Dogs with Chronic Spinal Cord Injury. <i>Stem Cells International</i> , 2017 , 2017, 3053759	5	22
68	Use of 99mTc-anti-CD3 scintigraphy in the differential diagnosis of rheumatic diseases. <i>Rheumatology</i> , 2010 , 49, 933-9	3.9	22
67	Monitoring rheumatoid arthritis synovitis with 99mTc-anti-CD3. <i>British Journal of Radiology</i> , 2008 , 81, 25-9	3.4	22
66	Preliminary results of [99mTc]OKT3 scintigraphy to evaluate acute rejection in renal transplants. <i>Transplantation Proceedings</i> , 2004 , 36, 2664-7	1.1	22
65	Pilot safety study of intrabronchial instillation of bone marrow-derived mononuclear cells in patients with silicosis. <i>BMC Pulmonary Medicine</i> , 2015 , 15, 66	3.5	21

64	Interesterified fat or palm oil as substitutes for partially hydrogenated fat in maternal diet can predispose obesity in adult male offspring. <i>Clinical Nutrition</i> , 2015 , 34, 904-10	5.9	20
63	Infusion of bone marrow mononuclear cells reduces lung fibrosis but not inflammation in the late stages of murine silicosis. <i>PLoS ONE</i> , 2014 , 9, e109982	3.7	19
62	Use of 99mTc-mononuclear leukocyte scintigraphy in nosocomial fever. <i>Acta Radiologica</i> , 2006 , 47, 699-704	7.0	19
61	Sustained effect of bone marrow mononuclear cell therapy in axonal regeneration in a model of optic nerve crush. <i>Brain Research</i> , 2014 , 1587, 54-68	3.7	17
60	Rheumatoid arthritis: Nuclear Medicine state-of-the-art imaging. <i>World Journal of Orthopedics</i> , 2014 , 5, 312-8	2.2	17
59	Diagnosis of renal allograft rejection and acute tubular necrosis by 99mTc-mononuclear leukocyte imaging. <i>Transplantation Proceedings</i> , 2004 , 36, 2997-3001	1.1	17
58	Eicosapentaenoic acid potentiates the therapeutic effects of adipose tissue-derived mesenchymal stromal cells on lung and distal organ injury in experimental sepsis. <i>Stem Cell Research and Therapy</i> , 2019 , 10, 264	8.3	15
57	Bone-marrow mononuclear cells reduce neurodegeneration in hippocampal CA1 layer after transient global ischemia in rats. <i>Brain Research</i> , 2013 , 1522, 1-11	3.7	14
56	Olive Oil, Palm Oil, and Hybrid Palm Oil Distinctly Modulate Liver Transcriptome and Induce NAFLD in Mice Fed a High-Fat Diet. <i>International Journal of Molecular Sciences</i> , 2018 , 20,	6.3	13
55	Radiopharmaceutical stem cell tracking for neurological diseases. <i>BioMed Research International</i> , 2014 , 2014, 417091	3	12
54	Radioactive synovectomy with (90) yttrium and (153) samarium hydroxyapatite in haemophilic joints: preliminary study on radiation safety. <i>Haemophilia</i> , 2013 , 19, 632-6	3.3	12
53	Intravenous Human Umbilical Cord-Derived Mesenchymal Stromal Cell Administration in Models of Moderate and Severe Intracerebral Hemorrhage. <i>Stem Cells and Development</i> , 2020 , 29, 586-598	4.4	11
52	Iodine-123 metaiodobenzylguanidine cardiac imaging as a method to detect early sympathetic neuronal dysfunction in chagasic patients with normal or borderline electrocardiogram and preserved ventricular function. <i>Clinical Nuclear Medicine</i> , 2011 , 36, 757-61	1.7	10
51	Therapeutic effects of bone marrow-derived mononuclear cells from healthy or silicotic donors on recipient silicosis mice. <i>Stem Cell Research and Therapy</i> , 2017 , 8, 259	8.3	9
50	Dietary supplementation with hybrid palm oil alters liver function in the common Marmoset. <i>Scientific Reports</i> , 2018 , 8, 2765	4.9	9
49	Endotoxin-Induced Emphysema Exacerbation: A Novel Model of Chronic Obstructive Pulmonary Disease Exacerbations Causing Cardiopulmonary Impairment and Diaphragm Dysfunction. <i>Frontiers in Physiology</i> , 2019 , 10, 664	4.6	8
48	A pilot study evaluating 99mTc-anti-TNF-alpha scintigraphy in gravesSophtalmopathy patients with different clinical activity score. <i>Hormone and Metabolic Research</i> , 2013 , 45, 765-8	3.1	8
47	Comparison between Variable and Conventional Volume-Controlled Ventilation on Cardiorespiratory Parameters in Experimental Emphysema. <i>Frontiers in Physiology</i> , 2016 , 7, 277	4.6	8

46	A new approach for radiosynoviorthesis: A dose-optimized planning method based on Monte Carlo simulation and synovial measurement using 3D slicer and MRI. <i>Medical Physics</i> , 2017 , 44, 3821-3829	4.4	7
45	In Vivo Tracking of Cell Therapies for Cardiac Diseases with Nuclear Medicine. <i>Stem Cells International</i> , 2016 , 2016, 3140120	5	7
44	Autologous bone marrow-derived mononuclear cell therapy in three patients with severe asthma. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 167	8.3	6
43	^{99m} Tc-Anti-TNF- β scintigraphy: a new perspective within different methods in the diagnostic approach of active Graves ophthalmopathy. <i>Clinical Nuclear Medicine</i> , 2012 , 37, 1097-101	1.7	6
42	(^{99m} Tc)ixolaris targets glioblastoma-associated tissue factor: in vitro and pre-clinical applications. <i>Thrombosis Research</i> , 2015 , 136, 432-9	8.2	5
41	⁹⁰ Yttrium-hydroxyapatite: a new therapeutic option for radioactive synovectomy in haemophilic synovitis. <i>Haemophilia</i> , 2011 , 17, e985-9	3.3	5
40	Use of (^{99m} Tc)-doxorubicin scintigraphy in females with breast cancer: a pilot study. <i>British Journal of Radiology</i> , 2015 , 88, 20150268	3.4	4
39	^{99m} -Technetium binding site in bone marrow mononuclear cells. <i>Stem Cell Research and Therapy</i> , 2015 , 6, 115	8.3	4
38	Comment on: Use of ^{99m} Tc-anti-CD3 scintigraphy in the differential diagnosis of rheumatic diseases: reply. <i>Rheumatology</i> , 2011 , 50, 423-423	3.9	4
37	^{99m} Tc-thymine scintigraphy may be a promising method in the diagnosis of breast cancer. <i>Clinics</i> , 2013 , 68, 283-9	2.3	4
36	Effects of Protective Mechanical Ventilation With Different PEEP Levels on Alveolar Damage and Inflammation in a Model of Open Abdominal Surgery: A Randomized Study in Obese Versus Non-obese Rats. <i>Frontiers in Physiology</i> , 2019 , 10, 1513	4.6	4
35	Effects of Different Doses of Mesenchymal Stem Cells on Functional Recovery After Compressive Spinal-Cord Injury in Mice. <i>Neuroscience</i> , 2019 , 400, 17-32	3.9	4
34	Monitoring bone changes due to calcium, magnesium, and phosphorus loss in rat femurs using Quantitative Ultrasound. <i>Scientific Reports</i> , 2018 , 8, 11963	4.9	3
33	Use of (^{99m} Tc)-anti-TNF- β scintigraphy in a patient with non-radiographic axial spondyloarthritis. <i>Annals of Nuclear Medicine</i> , 2014 , 28, 936-9	2.5	3
32	Radiolabeling of cramoll 1,4: evaluation of the biodistribution. <i>International Journal of Peptides</i> , 2011 , 2011, 945397		3
31	Challenges and perspectives in the treatment of patients with haemophilia in Brasil. <i>Revista Da Associação Médica Brasileira</i> , 2018 , 64, 872-875	1.4	3
30	Technetium- ^{99m} -anti-tumour necrosis factor alpha scintigraphy as promising predictor of response to corticotherapy in chronic active GravesSophtalmopathy. <i>Clinical Physiology and Functional Imaging</i> , 2019 , 39, 135-142	2.4	3
29	Qualitative and quantitative scintigraphy in sialorrhoea before and after botulinum toxin injection. <i>Laryngoscope</i> , 2019 , 129, 2521-2526	3.6	2

28	Development of I-ixolaris as a theranostic agent: metastatic melanoma preclinical studies. <i>Clinical and Experimental Metastasis</i> , 2020 , 37, 489-497	4.7	2
27	Perspectives on haemophilia access in Brazil?. <i>Haemophilia</i> , 2018 , 24, e255-e256	3.3	2
26	A Novel Restraining Device for Small Animal Imaging Exams: Validation in Rabbits. <i>BioMed Research International</i> , 2015 , 2015, 571729	3	2
25	Uso da ^{99m} Tc-Timina na identificaçã de metástases de tumor venéreo transmissível canino com apresentaçã cutânea. <i>Pesquisa Veterinaria Brasileira</i> , 2008 , 28, 367-370	0.4	2
24	Detecçã e exfese de lesões mamárias nã palpáveis orientadas por cirurgia radioguiada com injeçã de ar para controle radiològico. <i>Revista Brasileira De Ginecologia E Obstetricia</i> , 2005 , 27, 650-655	1.1	2
23	Anthropomorphic Phantoms - Potential for More Studies and Training in Radiology. <i>International Journal of Radiology & Radiation Therapy</i> , 2017 , 2,	0.5	2
22	Extramedullary relapse of acute myeloid leukemia mimicking a necrotizing external otitis: could mononuclear leukocyte scintigraphy be the best diagnostic method?. <i>Brazilian Journal of Otorhinolaryngology</i> , 2016 , 82, 487-90	1.6	2
21	The Manufacture of GMP-Grade Bone Marrow Stromal Cells with Validated In Vivo Bone-Forming Potential in an Orthopedic Clinical Center in Brazil. <i>Stem Cells International</i> , 2019 , 2019, 2608482	5	2
20	Scintigraphy for detecting tumour necrosis factor- α in the skin of patients with psoriatic arthritis. <i>Scandinavian Journal of Rheumatology</i> , 2017 , 46, 377-380	1.9	1
19	Safety and Localization of Mesenchymal Stromal Cells Derived from Human Adipose Tissue-Associated Hyaluronic Acid: A Preclinical Study. <i>Stem Cells International</i> , 2020 , 2020, 1823427	5	1
18	Cytopathologic evaluation of patients submitted to radiotherapy for uterine cervix cancer. <i>Revista Da Associaçã Mèdica Brasileira</i> , 2017 , 63, 379-385	1.4	1
17	^{99m} Tc-antitumor necrosis factor-alpha scintigraphy for the detection of inflammatory activity in rheumatoid arthritis. <i>Nuclear Medicine Communications</i> , 2021 , 42, 389-395	1.6	1
16	Detection of mammary adenocarcinoma metastases in a cat through ^{99m} Tc-thymine scintigraphy. <i>Veterinaria Mèdica OA</i> , 2020 , 7,	0.9	1
15	¹³¹ I and ^{99m} Tc in Effluents from a Nuclear Medicine Facility and Associated Sewage Treatment Unit. <i>Water, Air, and Soil Pollution</i> , 2021 , 232, 1	2.6	1
14	EXPLORING CORTICAL BONE DENSITY THROUGH THE ULTRASOUND INTEGRATED REFLECTION COEFFICIENT. <i>Acta Ortopèdica Brasileira</i> , 2018 , 26, 255-259	0.6	1
13	Outpatient treatment for haemophilic arthropathy with radiosynovectomy: Radiation dose to family members. <i>Haemophilia</i> , 2019 , 25, 509-513	3.3	0
12	Cryopreserved Rat Thyroid Autotransplantation in the Treatment of Postoperative Hypothyroidism. <i>Frontiers in Endocrinology</i> , 2021 , 12, 625173	5.7	0
11	Reduced activation and CD3 lymphocyte recruitment after TNF-inhibitor use: evaluation of clinical and ^{99m} Tc-OKT3 scintigraphic response in a patient with juvenile idiopathic arthritis. <i>Revista Brasileira De Reumatologia</i> , 2015 , 57, 616-616		

- 10 Reduced activation and CD3 lymphocyte recruitment after TNF-inhibitor use: evaluation of clinical and ^{99m}Tc-OKT3 scintigraphic response in a patient with juvenile idiopathic arthritis. *Revista Brasileira De Reumatologia*, **2017**, 57, 616-619
- 9 Individual dose planning in radiosynoviorthesis treatment: Step by step. *Applied Radiation and Isotopes*, **2020**, 163, 109177 1.7
- 8 Preclinical radiation internal dosimetry in the development of new radiopharmaceuticals using GATE Monte Carlo simulation. *Radiation Physics and Chemistry*, **2020**, 173, 108879 2.5
- 7 Self-kidney transplantation in Takayasu arteritis. *Transplantation*, **2012**, 94, e47-9 1.8
- 6 Monitoring the joint health of patients with haemophilia in a middle-income country: Considerations on the use of the Haemophilia Joint Health Score. *Haemophilia*, **2021**, 27, e267-e269 3.3
- 5 Avaliação de transplantes renais utilizando-se ^{99m}Tc-leucócitos mononucleares. *Radiologia Brasileira*, **2004**, 37, 15-20 1.7
- 4 Aplicação da cintilografia com ^{99m}Tc-leucócitos mononucleares na detecção de focos inflamatórios/infecciosos. *Radiologia Brasileira*, **2008**, 41, 80-80 1.7
- 3 ^{99m}Tc-anti-TNF- β scintigraphy in the assessment of rheumatic disease activity. *Clinical Trials in Degenerative Diseases*, **2017**, 2, 31 0.1
- 2 A cost-effective way to reduce the equivalent eye lens dose from Yttrium-90 radiopharmaceuticals. *Zeitschrift Fur Medizinische Physik*, **2021**, 31, 16-22 7.6
- 1 SPECT performance evaluation on image of Yttrium 90 - Bremsstrahlung using Monte Carlo simulation. *Applied Radiation and Isotopes*, **2021**, 168, 109456 1.7