

# Marco Andrey C Frade

## List of Publications by Year in Descending Order

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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.

111  
papers

1,864  
citations

24  
h-index

39  
g-index

119  
ext. papers

2,319  
ext. citations

3.9  
avg, IF

4.74  
L-index

#	Paper	IF	Citations
111	Asymptomatic low pulse oximetry measurements in leprosy patients in the time of COVID-19: Dapsone side effect.. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , <b>2022</b> , 55, e0491	1.5	
110	Innovative mapping of skin sensitivity by monofilaments to record the diagnosis and therapeutic follow-up of leprosy.. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , <b>2022</b> , 55, e0386	1.5	1
109	Functionalized Titanium Nanoparticles Induce Oxidative Stress and Cell Death in Human Skin Cells.. <i>International Journal of Nanomedicine</i> , <b>2022</b> , 17, 1495-1509	7.3	0
108	Viral load is associated with mitochondrial dysfunction and altered monocyte phenotype in acute severe SARS-CoV-2 infection.. <i>International Immunopharmacology</i> , <b>2022</b> , 108, 108697	5.8	2
107	Leprosy case series in the emergency room: A warning sign for a challenging diagnosis. <i>Brazilian Journal of Infectious Diseases</i> , <b>2021</b> , 25, 101634	2.8	0
106	Lucio's phenomenon: A systematic literature review of definition, clinical features, histopathogenesis and management. <i>Indian Journal of Dermatology, Venereology and Leprology</i> , <b>2021</b> , 1-14	0.8	0
105	Latent leprosy infection identified by dual RLEP and anti-PGL-I positivity: Implications for new control strategies. <i>PLoS ONE</i> , <b>2021</b> , 16, e0251631	3.7	1
104	Ex vivo model of human skin (hOSEC) for assessing the dermatokinetics of the anti-melanoma drug Dacarbazine. <i>European Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 160, 105769	5.1	3
103	Semmes-Weinstein monofilament: A tool to quantify skin sensation in macular lesions for leprosy diagnosis. <i>Indian Journal of Dermatology, Venereology and Leprology</i> , <b>2021</b> , 87, 807-815	0.8	2
102	Active search strategies, clinicoimmunobiological determinants and training for implementation research confirm hidden endemic leprosy in inner So Paulo, Brazil. <i>PLoS Neglected Tropical Diseases</i> , <b>2021</b> , 15, e0009495	4.8	1
101	The risk of leprosy in patients using immunobiologics and conventional immunosuppressants for the treatment of dermatological and rheumatological diseases: a cohort study. <i>Journal of the European Academy of Dermatology and Venereology</i> , <b>2021</b> , 35, e21-e24	4.6	1
100	Physico-chemical characterization and tissue healing changes by <i>Hancornia speciosa</i> Gomes latex biomembrane. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2021</b> , 109, 938-948	3.5	4
99	Flame Hair: Auxiliary Trichoscopic Finding in Radiotherapy-Induced Alopecia. <i>Skin Appendage Disorders</i> , <b>2021</b> , 7, 224-226	1.4	
98	Efficacy of 0.2% hyaluronic acid in the healing of skin abrasions in rats. <i>Heliyon</i> , <b>2021</b> , 7, e07572	3.6	4
97	Innovative tracking, active search and follow-up strategies for new leprosy cases in the female prison population. <i>PLoS Neglected Tropical Diseases</i> , <b>2021</b> , 15, e0009716	4.8	0
96	Methylprednisolone pulse therapy for leprosy neuritis: A retrospective study with sensory testing and peripheral nerve ultrasonography correlation. <i>Indian Journal of Dermatology, Venereology and Leprology</i> , <b>2021</b> , 1-3	0.8	1
95	Consensus on the diagnosis and management of chronic leg ulcers - Brazilian Society of Dermatology. <i>Anais Brasileiros De Dermatologia</i> , <b>2020</b> , 95 Suppl 1, 1-18	1.6	8

94	A Case of Linear Alopecia of the Scalp. <i>Skin Appendage Disorders</i> , <b>2020</b> , 6, 389-392	1.4	
93	Healing effects of natural latex serum 1% from <i>Hevea brasiliensis</i> in an experimental skin abrasion wound model. <i>Anais Brasileiros De Dermatologia</i> , <b>2020</b> , 95, 418-427	1.6	6
92	Effect of photobiomodulation associated with cell therapy in the process of cutaneous regeneration in third degree burns in rats. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2020</b> , 14, 673-683	4.4	6
91	Leprosy in urban space, areas of risk for disability and worsening of this health condition in Foz Do Iguaçu, the border region between Brazil, Paraguay and Argentina. <i>BMC Public Health</i> , <b>2020</b> , 20, 119	4.1	1
90	Experimental models and methods for cutaneous wound healing assessment. <i>International Journal of Experimental Pathology</i> , <b>2020</b> , 101, 21-37	2.8	48
89	Leprosy in a prison population: A new active search strategy and a prospective clinical analysis. <i>PLoS Neglected Tropical Diseases</i> , <b>2020</b> , 14, e0008917	4.8	4
88	Thermographic Characterization of Cutaneous Ulcers of Different Etiologies. <i>Journal of Medical Systems</i> , <b>2020</b> , 44, 160	5.1	2
87	Leprosy in a prison population: A new active search strategy and a prospective clinical analysis <b>2020</b> , 14, e0008917		
86	Leprosy in a prison population: A new active search strategy and a prospective clinical analysis <b>2020</b> , 14, e0008917		
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83	Leprosy in a prison population: A new active search strategy and a prospective clinical analysis <b>2020</b> , 14, e0008917		
82	Leprosy in a prison population: A new active search strategy and a prospective clinical analysis <b>2020</b> , 14, e0008917		
81	The skin health of fishermen in Guanabara Bay, Rio de Janeiro, Brazil. <i>International Journal of Dermatology</i> , <b>2019</b> , 58, 483-490	1.7	2
80	Development, characterization and pre-clinical trials of an innovative wound healing dressing based on propolis (EPP-AF <sup>®</sup> ) -containing self-microemulsifying formulation incorporated in biocellulose membranes. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 136, 570-578	7.9	14
79	Novel polymeric dressing to the treatment of infected chronic wound. <i>Applied Microbiology and Biotechnology</i> , <b>2019</b> , 103, 4767-4778	5.7	17
78	Epidermal necrolysis: SCORTEN performance in AIDS and non-AIDS patients. <i>Anais Brasileiros De Dermatologia</i> , <b>2019</b> , 94, 17-23	1.6	7
77	Tissue Constructs with Human Adipose-Derived Mesenchymal Stem Cells to Treat Bone Defects in Rats. <i>Materials</i> , <b>2019</b> , 12,	3.5	17

76	Cross-sectional screening study for Leishmania DNA and antibodies in biologic-treated patients with psoriasis living in an area endemic for leishmaniasis. <i>British Journal of Dermatology</i> , <b>2019</b> , 181, 1337-1339	4	3
75	Photobiomodulation effect on the proliferation of adipose tissue mesenchymal stem cells. <i>Lasers in Medical Science</i> , <b>2019</b> , 34, 677-683	3.1	10
74	Are leprosy case numbers reliable?. <i>Lancet Infectious Diseases</i> , <b>2018</b> , 18, 135-137	25.5	21
73	Phylogenomics and antimicrobial resistance of the leprosy bacillus <i>Mycobacterium leprae</i> . <i>Nature Communications</i> , <b>2018</b> , 9, 352	17.4	61
72	Lucio's phenomenon: A life-threatening medical emergency. <i>International Journal of Infectious Diseases</i> , <b>2018</b> , 69, 94-95	10.5	2
71	Th17 Response of Borderline-Lepromatous Leprosy Inhibits Rash Manifestation of Dapsone Hypersensitivity Syndrome: Case Report. <i>American Journal of Dermatopathology</i> , <b>2018</b> , 40, 205-208	0.9	0
70	Social determinants, their relationship with leprosy risk and temporal trends in a tri-border region in Latin America. <i>PLoS Neglected Tropical Diseases</i> , <b>2018</b> , 12, e0006407	4.8	15
69	miRNome Expression Analysis Reveals New Players on Leprosy Immune Physiopathology. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 463	8.4	4
68	Assessment of Chitosan-Based Hydrogel and Photodynamic Inactivation against <i>Propionibacterium acnes</i> . <i>Molecules</i> , <b>2018</b> , 23,	4.8	28
67	Clinical Manifestation, Dermoscopy, and Scanning Electron Microscopy in Two Cases of Contagious Ecthyma (Orf Nodule). <i>Case Reports in Dermatological Medicine</i> , <b>2018</b> , 2018, 2094086	0.8	
66	3D-Printed Poly( $\epsilon$ -caprolactone)/Graphene Scaffolds Activated with P1-Latex Protein for Bone Regeneration. <i>3D Printing and Additive Manufacturing</i> , <b>2018</b> , 5, 127-137	4	27
65	Evidence of zoonotic leprosy in Pará, Brazilian Amazon, and risks associated with human contact or consumption of armadillos. <i>PLoS Neglected Tropical Diseases</i> , <b>2018</b> , 12, e0006532	4.8	45
64	Evaluation and Comparison of Wound Healing Properties of an Ointment (AlpaWash) Containing Brazilian Micronized Propolis and <i>Peucedanum ostruthium</i> Leaf Extract in Skin Ulcer in Rats. <i>International Journal of Pharmaceutical Compounding</i> , <b>2018</b> , 22, 154-163	0.2	2
63	Leprosy in Children. <i>Current Infectious Disease Reports</i> , <b>2017</b> , 19, 23	3.9	17
62	Ultrasound elastography assessment of the median nerve in leprosy patients. <i>Muscle and Nerve</i> , <b>2017</b> , 56, 393-398	3.4	10
61	Lipoxin A4 encapsulated in PLGA microparticles accelerates wound healing of skin ulcers. <i>PLoS ONE</i> , <b>2017</b> , 12, e0182381	3.7	27
60	Skin changes in streptozotocin-induced diabetic rats. <i>Biochemical and Biophysical Research Communications</i> , <b>2017</b> , 490, 1154-1161	3.4	21
59	Leprosy with ulnar nerve abscess: ultrasound findings in a child. <i>Skeletal Radiology</i> , <b>2017</b> , 46, 137-140	2.7	12

58	The oral cavity in leprosy: what clinicians need to know. <i>Oral Diseases</i> , <b>2017</b> , 23, 749-756	3.5	11
57	Evidence of hidden leprosy in a supposedly low endemic area of Brazil. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2017</b> , 112, 822-828	2.6	19
56	Unexpectedly high leprosy seroprevalence detected using a random surveillance strategy in midwestern Brazil: A comparison of ELISA and a rapid diagnostic test. <i>PLoS Neglected Tropical Diseases</i> , <b>2017</b> , 11, e0005375	4.8	39
55	Xenogeneic Mesenchymal Stromal Cells Improve Wound Healing and Modulate the Immune Response in an Extensive Burn Model. <i>Cell Transplantation</i> , <b>2016</b> , 25, 201-15	4	37
54	Cellularized versus decellularized scaffolds for bone regeneration. <i>Materials Letters</i> , <b>2016</b> , 182, 318-322	3.3	25
53	<i>Struthanthus vulgaris</i> ointment prevents an over expression of inflammatory response and accelerates the cutaneous wound healing. <i>Journal of Ethnopharmacology</i> , <b>2016</b> , 190, 319-27	5	18
52	Comparison of collagen content in skin wounds evaluated by biochemical assay and by computer-aided histomorphometric analysis. <i>Pharmaceutical Biology</i> , <b>2016</b> , 54, 2555-2559	3.8	81
51	Ultrasonography of Leprosy Neuropathy: A Longitudinal Prospective Study. <i>PLoS Neglected Tropical Diseases</i> , <b>2016</b> , 10, e0005111	4.8	14
50	Morphological, mechanical and biological assessment of PCL/pristine graphene scaffolds for bone regeneration. <i>International Journal of Bioprinting</i> , <b>2016</b> , 2,	6.2	33
49	Factors associated with seropositivity for APGL-I among household contacts of leprosy patients. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , <b>2016</b> , 49, 83-9	1.5	5
48	Clinical Manifestation, Histopathology, and Imaging of Traumatic Injuries Caused by Brazilian Porcupine ( ) Quills. <i>Case Reports in Dermatological Medicine</i> , <b>2016</b> , 2016, 7851986	0.8	4
47	Enhancing the Hydrophilicity and Cell Attachment of 3D Printed PCL/Graphene Scaffolds for Bone Tissue Engineering. <i>Materials</i> , <b>2016</b> , 9,	3.5	163
46	Wound healing modulation by a latex protein-containing polyvinyl alcohol biomembrane. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2016</b> , 389, 747-56	3.4	7
45	What do we actually know about leprosy worldwide?. <i>Lancet Infectious Diseases</i> , <b>2016</b> , 16, 778	25.5	26
44	Development of lamellar gel phase emulsion containing marigold oil ( <i>Calendula officinalis</i> ) as a potential modern wound dressing. <i>European Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 71, 62-72	5.1	26
43	Ex vivo Model of Human Skin (hOSEC) as Alternative to Animal use for Cosmetic Tests. <i>Procedia Engineering</i> , <b>2015</b> , 110, 67-73		19
42	Phototherapy improves wound healing in rats subjected to high-fat diet. <i>Lasers in Medical Science</i> , <b>2015</b> , 30, 1481-8	3.1	4
41	Color and Texture Influence on Computer-Aided Diagnosis of Dermatological Ulcers <b>2015</b> ,		2

40	Osteogenic Differentiation of Adipose-derived Mesenchymal Stem Cells into Polycaprolactone (PCL) Scaffold. <i>Procedia Engineering</i> , <b>2015</b> , 110, 59-66		19
39	Chitosan-alginate membranes accelerate wound healing. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2015</b> , 103, 1013-22	3.5	62
38	Skin conditions in diabetes mellitus: a clinical practice based panel. <i>Diabetology and Metabolic Syndrome</i> , <b>2015</b> , 7, A31	5.6	78
37	Spatial epidemiology and serologic cohorts increase the early detection of leprosy. <i>BMC Infectious Diseases</i> , <b>2015</b> , 15, 527	4	34
36	Prolonged viability of human organotypic skin explant in culture method (hOSEC). <i>Anais Brasileiros De Dermatologia</i> , <b>2015</b> , 90, 347-50	1.6	21
35	Asymmetric Nerve Enlargement: A Characteristic of Leprosy Neuropathy Demonstrated by Ultrasonography. <i>PLoS Neglected Tropical Diseases</i> , <b>2015</b> , 9, e0004276	4.8	16
34	Estresse oxidativo e micronutrientes na hanseníase. <i>Revista De Nutricao</i> , <b>2015</b> , 28, 349-357	1.8	2
33	Genistein prevents ultraviolet B radiation-induced nitrosative skin injury and promotes cell proliferation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2015</b> , 144, 20-7	6.7	21
32	NFB activation in cutaneous lesions of leprosy is associated with development of multibacillary infection. <i>Journal of Inflammation Research</i> , <b>2014</b> , 7, 133-8	4.8	3
31	Phototherapy promotes healing of cutaneous wounds in undernourished rats. <i>Anais Brasileiros De Dermatologia</i> , <b>2014</b> , 89, 899-904	1.6	13
30	Baropodometric Evaluations and Sensitivity Alterations in Plantar Ulcer Formation in Leprosy. <i>International Journal of Lower Extremity Wounds</i> , <b>2014</b> , 13, 110-115	1.6	2
29	Leprosy: Education as first priority. <i>Journal of Neurosciences in Rural Practice</i> , <b>2014</b> , 5, S3-4	1.1	1
28	Hyaluronidase modulates inflammatory response and accelerates the cutaneous wound healing. <i>PLoS ONE</i> , <b>2014</b> , 9, e112297	3.7	46
27	Segmentation of dermatological ulcers using clustering of color components <b>2013</b> ,		4
26	Clinical and immunohistopathological aspects of venous ulcers treatment by Low-Intensity Pulsed Ultrasound (LIPUS). <i>Ultrasonics</i> , <b>2013</b> , 53, 870-9	3.5	11
25	A Comparative Study of Cell Therapy and Fibrin Glue Applied to Chronic Venous Ulcers. <i>Procedia Engineering</i> , <b>2013</b> , 59, 85-91		2
24	Classification of color images of dermatological ulcers. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2013</b> , 17, 136-42	7.2	23
23	Autoimmune hepatitis associated with leprosy in a child. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2013</b> , 56, e15-6	2.8	

22	Chronic Ulcers: Updating Epidemiology, Physiopathology, and Therapies. <i>Ulcers</i> , <b>2013</b> , 2013, 1-1		19
21	New sonographic measures of peripheral nerves: a tool for the diagnosis of peripheral nerve involvement in leprosy. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2013</b> , 108,	2.6	19
20	Antimicrobial activity of copaiba (Copaifera langsdorffii) oleoresin on bacteria of clinical significance in cutaneous wounds. <i>Revista Brasileira De Plantas Medicinai</i> s, <b>2013</b> , 15, 664-669		12
19	High anti-phenolic glycolipid-IgM titers and hidden leprosy cases, Amazon region. <i>Emerging Infectious Diseases</i> , <b>2012</b> , 18, 889-90	10.2	7
18	The vegetal biomembrane in the healing of chronic venous ulcers. <i>Anais Brasileiros De Dermatologia</i> , <b>2012</b> , 87, 45-51	1.6	26
17	Clinical and immunological evaluation after BCG-id vaccine in leprosy patients in a 5-year follow-up study. <i>Journal of Inflammation Research</i> , <b>2012</b> , 5, 125-35	4.8	5
16	High rates of undiagnosed leprosy and subclinical infection amongst school children in the Amazon Region. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2012</b> , 107 Suppl 1, 60-7	2.6	41
15	Natural-biomembrane dressing and hypersensitivity. <i>Anais Brasileiros De Dermatologia</i> , <b>2011</b> , 86, 885-91	1.6	9
14	The inflammatory stimulus of a natural latex biomembrane improves healing in mice. <i>Brazilian Journal of Medical and Biological Research</i> , <b>2011</b> , 44, 1036-47	2.8	51
13	Experimental models of malnutrition and its effect on skin trophism. <i>Anais Brasileiros De Dermatologia</i> , <b>2011</b> , 86, 681-8	1.6	18
12	Classification of dermatological ulcers based on tissue composition and color texture features <b>2011</b> ,		3
11	Segmentation and analysis of the tissue composition of dermatological ulcers <b>2010</b> ,		9
10	Phototherapy improves healing of chronic venous ulcers. <i>Photomedicine and Laser Surgery</i> , <b>2009</b> , 27, 111-8		77
9	Phototherapy promotes healing of chronic diabetic leg ulcers that failed to respond to other therapies. <i>Lasers in Surgery and Medicine</i> , <b>2009</b> , 41, 433-41	3.6	110
8	Tactile threshold detection in leprosy patients with an electronic algometer. <i>Journal of Neuroscience Methods</i> , <b>2009</b> , 179, 319-22	3	1
7	Phototherapy (LEDs 660/890nm) in the treatment of leg ulcers in diabetic patients: case study. <i>Anais Brasileiros De Dermatologia</i> , <b>2009</b> , 84, 279-83	1.6	16
6	Color image processing and content-based image retrieval techniques for the analysis of dermatological lesions. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2008</b> , 2008, 1230-3	0.9	15
5	Combined 660 and 880 nm Light Improves Healing of Recalcitrant Diabetic Ulcers. <i>Lecture Notes in Electrical Engineering</i> , <b>2008</b> , 23-32	0.2	

4	Úlceras cutâneas na hanseníase: perfil clínico-epidemiológico dos pacientes. <i>Anais Brasileiros De Dermatologia</i> , <b>2007</b> , 82, 433-437	1.6	6
3	Úlceras de perna: um estudo de casos em Juiz de Fora-MG (Brasil) e região. <i>Anais Brasileiros De Dermatologia</i> , <b>2005</b> , 80, 41-46	1.6	17
2	Pitiríase versicolor e síndrome da imunodeficiência adquirida (SIDA). <i>Anais Brasileiros De Dermatologia</i> , <b>2003</b> , 78, 569-577	1.6	1
1	Chronic phlebopathic cutaneous ulcer: a therapeutic proposal. <i>International Journal of Dermatology</i> , <b>2001</b> , 40, 238-40	1.7	53