

Marco Andrey C Frade

List of Publications by Year in descending order

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Version: 2024-02-01

118
papers

2,698
citations

201658

27
h-index

223791

46
g-index

119
all docs

119
docs citations

119
times ranked

3664
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancing the Hydrophilicity and Cell Attachment of 3D Printed PCL/Graphene Scaffolds for Bone Tissue Engineering. <i>Materials</i> , 2016, 9, 992.	2.9	230
2	Experimental models and methods for cutaneous wound healing assessment. <i>International Journal of Experimental Pathology</i> , 2020, 101, 21-37.	1.3	177
3	Phototherapy promotes healing of chronic diabetic leg ulcers that failed to respond to other therapies. <i>Lasers in Surgery and Medicine</i> , 2009, 41, 433-441.	2.1	134
4	Comparison of collagen content in skin wounds evaluated by biochemical assay and by computer-aided histomorphometric analysis. <i>Pharmaceutical Biology</i> , 2016, 54, 2555-2559.	2.9	103
5	Phylogenomics and antimicrobial resistance of the leprosy bacillus <i>Mycobacterium leprae</i> . <i>Nature Communications</i> , 2018, 9, 352.	12.8	95
6	Phototherapy Improves Healing of Chronic Venous Ulcers. <i>Photomedicine and Laser Surgery</i> , 2009, 27, 111-118.	2.0	92
7	Chitosan- α alginate membranes accelerate wound healing. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2015, 103, 1013-1022.	3.4	89
8	The inflammatory stimulus of a natural latex biomembrane improves healing in mice. <i>Brazilian Journal of Medical and Biological Research</i> , 2011, 44, 1036-1047.	1.5	68
9	Evidence of zoonotic leprosy in Par�i, Brazilian Amazon, and risks associated with human contact or consumption of armadillos. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006532.	3.0	65
10	Chronic phlebopathic cutaneous ulcer: a therapeutic proposal. <i>International Journal of Dermatology</i> , 2001, 40, 238-240.	1.0	61
11	Hyaluronidase Modulates Inflammatory Response and Accelerates the Cutaneous Wound Healing. <i>PLoS ONE</i> , 2014, 9, e112297.	2.5	55
12	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> , 2017, 11, e0005375.	3.0	54
13	High rates of undiagnosed leprosy and subclinical infection amongst school children in the Amazon Region. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2012, 107, 60-67.	1.6	51
14	Xenogeneic Mesenchymal Stromal Cells Improve Wound Healing and Modulate the Immune Response in an Extensive Burn Model. <i>Cell Transplantation</i> , 2016, 25, 201-215.	2.5	50
15	Spatial epidemiology and serologic cohorts increase the early detection of leprosy. <i>BMC Infectious Diseases</i> , 2015, 15, 527.	2.9	42
16	Assessment of Chitosan-Based Hydrogel and Photodynamic Inactivation against <i>Propionibacterium acnes</i> . <i>Molecules</i> , 2018, 23, 473.	3.8	39
17	Skin changes in streptozotocin-induced diabetic rats. <i>Biochemical and Biophysical Research Communications</i> , 2017, 490, 1154-1161.	2.1	38
18	Morphological, mechanical and biological assessment of PCL/pristine graphene scaffolds for bone regeneration. <i>International Journal of Bioprinting</i> , 2016, 2, .	3.4	38

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19	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> , 2015, 71, 62-72.	4.0	37
20	Lipoxin A4 encapsulated in PLGA microparticles accelerates wound healing of skin ulcers. <i>PLoS ONE</i> , 2017, 12, e0182381.	2.5	37
21	The vegetal biomembrane in the healing of chronic venous ulcers. <i>Anais Brasileiros De Dermatologia</i> , 2012, 87, 45-51.	1.1	36
22	What do we actually know about leprosy worldwide?. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 778.	9.1	35
23	3D-Printed Poly(ϵ -caprolactone)/Graphene Scaffolds Activated with P1-Latex Protein for Bone Regeneration. <i>3D Printing and Additive Manufacturing</i> , 2018, 5, 127-137.	2.9	33
24	Evidence of hidden leprosy in a supposedly low endemic area of Brazil. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2017, 112, 822-828.	1.6	32
25	New sonographic measures of peripheral nerves: a tool for the diagnosis of peripheral nerve involvement in leprosy. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2013, 108, 257-262.	1.6	31
26	Development, characterization and pre-clinical trials of an innovative wound healing dressing based on propolis (EPP-AFÁ®)-containing self-microemulsifying formulation incorporated in biocellulose membranes. <i>International Journal of Biological Macromolecules</i> , 2019, 136, 570-578.	7.5	31
27	Prolonged viability of human organotypic skin explant in culture method (hOSEC). <i>Anais Brasileiros De Dermatologia</i> , 2015, 90, 347-350.	1.1	30
28	Genistein prevents ultraviolet B radiation-induced nitrosative skin injury and promotes cell proliferation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 144, 20-27.	3.8	30
29	Are leprosy case numbers reliable?. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 135-137.	9.1	30
30	Classification of Color Images of Dermatological Ulcers. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2013, 17, 136-142.	6.3	29
31	Cellularized versus decellularized scaffolds for bone regeneration. <i>Materials Letters</i> , 2016, 182, 318-322.	2.6	28
32	Ultrasonography of Leprosy Neuropathy: A Longitudinal Prospective Study. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005111.	3.0	28
33	Ãšlcera de perna: um estudo de casos em Juiz de Fora-MG (Brasil) e regiÃ£o. <i>Anais Brasileiros De Dermatologia</i> , 2005, 80, 41-46.	1.1	27
34	Asymmetric Nerve Enlargement: A Characteristic of Leprosy Neuropathy Demonstrated by Ultrasonography. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004276.	3.0	26
35	<i>Struthanthus vulgaris</i> ointment prevents an over expression of inflammatory response and accelerates the cutaneous wound healing. <i>Journal of Ethnopharmacology</i> , 2016, 190, 319-327.	4.1	26
36	Social determinants, their relationship with leprosy risk and temporal trends in a tri-border region in Latin America. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006407.	3.0	26

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37	Chronic Ulcers: Updating Epidemiology, Physiopathology, and Therapies. <i>Ulcers</i> , 2013, 2013, 1-1.	1.0	25
38	Novel polymeric dressing to the treatment of infected chronic wound. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 4767-4778.	3.6	25
39	Osteogenic Differentiation of Adipose-derived Mesenchymal Stem Cells into Polycaprolactone (PCL) Scaffold. <i>Procedia Engineering</i> , 2015, 110, 59-66.	1.2	24
40	Color image processing and content-based image retrieval techniques for the analysis of dermatological lesions. , 2008, 2008, 1230-3.		23
41	Ex vivo Model of Human Skin (hOSEC) as Alternative to Animal use for Cosmetic Tests. <i>Procedia Engineering</i> , 2015, 110, 67-73.	1.2	22
42	Leprosy in Children. <i>Current Infectious Disease Reports</i> , 2017, 19, 23.	3.0	22
43	Tissue Constructs with Human Adipose-Derived Mesenchymal Stem Cells to Treat Bone Defects in Rats. <i>Materials</i> , 2019, 12, 2268.	2.9	22
44	Modelos experimentais de desnutri�o e sua influ�ncia no trofismo cut�neo. <i>Anais Brasileiros De Dermatologia</i> , 2011, 86, 681-688.	1.1	21
45	Phototherapy promotes healing of cutaneous wounds in undernourished rats. <i>Anais Brasileiros De Dermatologia</i> , 2014, 89, 899-904.	1.1	20
46	Consensus on the diagnosis and management of chronic leg ulcers - Brazilian Society of Dermatology. <i>Anais Brasileiros De Dermatologia</i> , 2020, 95, 1-18.	1.1	19
47	Viral load is associated with mitochondrial dysfunction and altered monocyte phenotype in acute severe SARS-CoV-2 infection. <i>International Immunopharmacology</i> , 2022, 108, 108697.	3.8	19
48	Fototerapia (LEDs 660/890nm) no tratamento de �lceras de perna em pacientes diab�ticos: estudo de caso. <i>Anais Brasileiros De Dermatologia</i> , 2009, 84, 279-283.	1.1	18
49	Antimicrobial activity of copa�ba (<i>Copaifera langsdorffii</i>) oleoresin on bacteria of clinical significance in cutaneous wounds. <i>Revista Brasileira De Plantas Medicinai</i> s, 2013, 15, 664-669.	0.3	18
50	Leprosy with ulnar nerve abscess: ultrasound findings in a child. <i>Skeletal Radiology</i> , 2017, 46, 137-140.	2.0	18
51	The oral cavity in leprosy: what clinicians need to know. <i>Oral Diseases</i> , 2017, 23, 749-756.	3.0	18
52	Photobiomodulation effect on the proliferation of adipose tissue mesenchymal stem cells. <i>Lasers in Medical Science</i> , 2019, 34, 677-683.	2.1	18
53	Ultrasound elastography assessment of the median nerve in leprosy patients. <i>Muscle and Nerve</i> , 2017, 56, 393-398.	2.2	16
54	miRNome Expression Analysis Reveals New Players on Leprosy Immune Physiopathology. <i>Frontiers in Immunology</i> , 2018, 9, 463.	4.8	16

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55	Segmentation and analysis of the tissue composition of dermatological ulcers. , 2010, , .		15
56	Effect of photobiomodulation associated with cell therapy in the process of cutaneous regeneration in third degree burns in rats. Journal of Tissue Engineering and Regenerative Medicine, 2020, 14, 673-683.	2.7	13
57	Latent leprosy infection identified by dual RLEP and anti-PGL-I positivity: Implications for new control strategies. PLoS ONE, 2021, 16, e0251631.	2.5	13
58	Ãšlceras cutÃ¢neas na hansenÃ¢ase: perfil clÃ¢nico-epidemiolÃ¢gico dos pacientes. Anais Brasileiros De Dermatologia, 2007, 82, 433-437.	1.1	13
59	Leprosy in urban space, areas of risk for disability and worsening of this health condition in Foz Do IguaÃ§u, the border region between Brazil, Paraguay and Argentina. BMC Public Health, 2020, 20, 119.	2.9	12
60	Curativo de biomembrana vegetal e hipersensibilidade. Anais Brasileiros De Dermatologia, 2011, 86, 885-891.	1.1	11
61	Clinical and immunohistopathological aspects of venous ulcers treatment by Low-Intensity Pulsed Ultrasound (LIPUS). Ultrasonics, 2013, 53, 870-879.	3.9	11
62	Wound healing modulation by a latex protein-containing polyvinyl alcohol biomembrane. Naunyn-Schmiedeberg's Archives of Pharmacology, 2016, 389, 747-756.	3.0	11
63	Efficacy of 0.2% hyaluronic acid in the healing of skin abrasions in rats. Heliyon, 2021, 7, e07572.	3.2	11
64	High Anti-Phenolic Glycolipid-IgM Titers and Hidden Leprosy Cases, Amazon Region. Emerging Infectious Diseases, 2012, 18, 889-890.	4.3	10
65	Healing effects of natural latex serum 1% from Hevea brasiliensis in an experimental skin abrasion wound model. Anais Brasileiros De Dermatologia, 2020, 95, 418-427.	1.1	10
66	NDO-BSA, LID-1, and NDO-LID Antibody Responses for Infection and RLEP by Quantitative PCR as a Confirmatory Test for Early Leprosy Diagnosis. Frontiers in Tropical Diseases, 2022, 3, .	1.4	10
67	Semmes-Weinstein monofilament: A tool to quantify skin sensation in macular lesions for leprosy diagnosis. Indian Journal of Dermatology, Venereology and Leprology, 2021, 87, 1-9.	0.6	9
68	Phototherapy improves wound healing in rats subjected to high-fat diet. Lasers in Medical Science, 2015, 30, 1481-1488.	2.1	8
69	Epidermal necrolysis: SCORTEN performance in AIDS and non-AIDS patients. Anais Brasileiros De Dermatologia, 2019, 94, 17-23.	1.1	8
70	Physico-chemical characterization and tissue healing changes by <i>Hancornia speciosa</i> Gomes latex biomembrane. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2021, 109, 938-948.	3.4	8
71	Active search strategies, clinicoimmunobiological determinants and training for implementation research confirm hidden endemic leprosy in inner SÃ£o Paulo, Brazil. PLoS Neglected Tropical Diseases, 2021, 15, e0009495.	3.0	8
72	Leprosy in a prison population: A new active search strategy and a prospective clinical analysis. PLoS Neglected Tropical Diseases, 2020, 14, e0008917.	3.0	8

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73	Clinical and immunological evaluation after BCG-id vaccine in leprosy patients in a 5-year follow-up study. <i>Journal of Inflammation Research</i> , 2012, 5, 125.	3.5	6
74	Baropodometric Evaluations and Sensitivity Alterations in Plantar Ulcer Formation in Leprosy. <i>International Journal of Lower Extremity Wounds</i> , 2014, 13, 110-115.	1.1	6
75	Factors associated with seropositivity for APGL-among household contacts of leprosy patients. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2016, 49, 83-89.	0.9	6
76	Lucio's phenomenon: A systematic literature review of definition, clinical features, histopathogenesis and management. <i>Indian Journal of Dermatology, Venereology and Leprology</i> , 2021, 88, 464-477.	0.6	6
77	NF- κ B activation in cutaneous lesions of leprosy is associated with development of multibacillary infection. <i>Journal of Inflammation Research</i> , 2014, 7, 133.	3.5	5
78	Clinical Manifestation, Histopathology, and Imaging of Traumatic Injuries Caused by Brazilian Porcupine (<i>Sphiggurus villosus</i>) Quills. <i>Case Reports in Dermatological Medicine</i> , 2016, 2016, 1-5.	0.3	5
79	Cross-sectional screening study for <i>Leishmania</i> DNA and antibodies in biologic-treated patients with psoriasis living in an area endemic for leishmaniasis. <i>British Journal of Dermatology</i> , 2019, 181, 1337-1339.	1.5	5
80	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> , 2021, 35, e21-e24.	2.4	5
81	Ex vivo model of human skin (hOSEC) for assessing the dermatokinetics of the anti-melanoma drug Dacarbazine. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 160, 105769.	4.0	5
82	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> , 2018, 22, 154-163.	0.0	5
83	Functionalized Titanium Nanoparticles Induce Oxidative Stress and Cell Death in Human Skin Cells. <i>International Journal of Nanomedicine</i> , 2022, Volume 17, 1495-1509.	6.7	5
84	Classification of dermatological ulcers based on tissue composition and color texture features. , 2011, , .		4
85	Segmentation of dermatological ulcers using clustering of color components. , 2013, , .		4
86	A Comparative Study of Cell Therapy and Fibrin Glue Applied to Chronic Venous Ulcers. <i>Procedia Engineering</i> , 2013, 59, 85-91.	1.2	4
87	Color and Texture Influence on Computer-Aided Diagnosis of Dermatological Ulcers. , 2015, , .		4
88	Leprosy: Education as first priority. <i>Journal of Neurosciences in Rural Practice</i> , 2014, 05, S003-S004.	0.8	3
89	The skin health of fishermen in Guanabara Bay, Rio de Janeiro, Brazil. <i>International Journal of Dermatology</i> , 2019, 58, 483-490.	1.0	3
90	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> , 2021, .	0.6	3

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91	Leprosy case series in the emergency room: A warning sign for a challenging diagnosis. Brazilian Journal of Infectious Diseases, 2021, 25, 101634.	0.6	3
92	Estresse oxidativo e micronutrientes na hanseníase. Revista De Nutricao, 2015, 28, 349-357.	0.4	2
93	<i>Editorial Commentary</i> : Evidences of Aerial Route of <i>Mycobacterium leprae</i> Infection and Doubts About Transmission and Natural Protection in Leprosy. Clinical Infectious Diseases, 2016, 63, 1421-1422.	5.8	2
94	Lucio's phenomenon: A life-threatening medical emergency. International Journal of Infectious Diseases, 2018, 69, 94-95.	3.3	2
95	Th17 Response of Borderline-Lepromatous Leprosy Inhibits Rash Manifestation of Dapsone Hypersensitivity Syndrome: Case Report. American Journal of Dermatopathology, 2018, 40, 205-208.	0.6	2
96	Clinical Manifestation, Dermoscopy, and Scanning Electron Microscopy in Two Cases of Contagious Ecthyma (Orf Nodule). Case Reports in Dermatological Medicine, 2018, 2018, 1-3.	0.3	2
97	Thermographic Characterization of Cutaneous Ulcers of Different Etiologies. Journal of Medical Systems, 2020, 44, 160.	3.6	2
98	Innovative tracking, active search and follow-up strategies for new leprosy cases in the female prison population. PLoS Neglected Tropical Diseases, 2021, 15, e0009716.	3.0	2
99	Pitiríase versicolor e Síndrome da imunodeficiência adquirida (SIDA). Anais Brasileiros De Dermatologia, 2003, 78, 569-577.	1.1	2
100	Tactile threshold detection in leprosy patients with an electronic algometer. Journal of Neuroscience Methods, 2009, 179, 319-322.	2.5	1
101	A Case of Linear Alopecia of the Scalp. Skin Appendage Disorders, 2020, 6, 389-392.	1.0	1
102	Flame Hair: Auxiliary Trichoscopic Finding in Radiotherapy-Induced Alopecia. Skin Appendage Disorders, 2021, 7, 224-226.	1.0	1
103	Combined 660 and 880 nm Light Improves Healing of Recalcitrant Diabetic Ulcers. Lecture Notes in Electrical Engineering, 2008, , 23-32.	0.4	1
104	High-resolution ultrasonography for leprosy neuropathy evaluation. Leprosy Review, 2017, 88, 290-291.	0.3	1
105	Panniculitis by leprosy: Case report of a diagnostic challenge. Asian Pacific Journal of Tropical Disease, 2017, 7, 625-627.	0.5	1
106	Asymptomatic low pulse oximetry measurements in leprosy patients in the time of COVID-19: Dapsone side effect. Revista Da Sociedade Brasileira De Medicina Tropical, 2022, 55, e0491.	0.9	1
107	Innovative mapping of skin sensitivity by monofilaments to record the diagnosis and therapeutic follow-up of leprosy. Revista Da Sociedade Brasileira De Medicina Tropical, 2022, 55, e0386.	0.9	1
108	Serological Immunoassay for Hansen's Disease Diagnosis and Monitoring Treatment: Anti-Mce1A Antibody Response Among Hansen's Disease Patients and Their Household Contacts in Northeastern Brazil. Frontiers in Medicine, 0, 9, .	2.6	1

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109	Autoimmune Hepatitis Associated With Leprosy in a Child. Journal of Pediatric Gastroenterology and Nutrition, 2013, 56, e15-6.	1.8	0
110	Sickle cell anemia patient with chronic leg ulcer submitted to application of autologous keratinocytes previous to allogeneic hematopoietic stem cell transplantation: A case report. Journal of the American Academy of Dermatology, 2014, 70, AB204.	1.2	0
111	Skin conditions in diabetes mellitus: a clinical practice based panel. Diabetology and Metabolic Syndrome, 2015, 7, A31.	2.7	0
112	Nail dystrophy presenting as an early sign of primary systemic amyloidosis. Journal of the American Academy of Dermatology, 2017, 76, AB175.	1.2	0
113	Leprosy in a prison population: A new active search strategy and a prospective clinical analysis. , 2020, 14, e0008917.		0
114	Leprosy in a prison population: A new active search strategy and a prospective clinical analysis. , 2020, 14, e0008917.		0
115	Leprosy in a prison population: A new active search strategy and a prospective clinical analysis. , 2020, 14, e0008917.		0
116	Leprosy in a prison population: A new active search strategy and a prospective clinical analysis. , 2020, 14, e0008917.		0
117	Leprosy in a prison population: A new active search strategy and a prospective clinical analysis. , 2020, 14, e0008917.		0
118	Leprosy in a prison population: A new active search strategy and a prospective clinical analysis. , 2020, 14, e0008917.		0