Adenilson de Souza da Fonseca

List of Publications by Citations

92 papers	559 citations	13 h-index	17 g-index
94 ext. papers	642 ext. citations	2.5 avg, IF	3.78 L-index

#	Paper	IF	Citations
92	Effect of laser therapy on DNA damage. *Lasers in Surgery and Medicine*, **2010**, 42, 481-8	3.6	43
91	Laser for treatment of aphthous ulcers on bacteria cultures and DNA. *Photochemical and Photobiological Sciences*, **2012**, 11, 1476-83	4.2	27
90	Low-level infrared laser effect on plasmid DNA. *Lasers in Medical Science*, **2012**, 27, 121-30	3.1	25
89	Low-intensity infrared laser increases plasma proteins and induces oxidative stress in vitro. *Lasers in Medical Science*, **2012**, 27, 211-7	3.1	20
88	Photobiomodulation prevents DNA fragmentation of alveolar epithelial cells and alters the mRNA levels of caspase 3 and Bcl-2 genes in acute lung injury. *Photochemical and Photobiological Sciences*, **2018**, 17, 975-983	4.2	19
87	DNA repair gene expression in biological tissues exposed to low-intensity infrared laser. *Lasers in Medical Science*, **2013**, 28, 1077-84	3.1	19
86	Low-level red laser improves healing of second-degree burn when applied during proliferative phase. *Lasers in Medical Science*, **2015**, 30, 1297-304	3.1	18
85	Low intensity infrared laser induces filamentation in Escherichia coli cells. *Laser Physics*, **2011**, 21, 1829-1837	1.2	18
84	DNA repair in bacterial cultures and plasmid DNA exposed to infrared laser for treatment of pain. *Laser Physics Letters*, **2013**, 10, 065606	1.5	16
83	Cell viability, reactive oxygen species, apoptosis, and necrosis in myoblast cultures exposed to low-level infrared laser. *Lasers in Medical Science*, **2016**, 31, 841-8	3.1	14
82	Acute Lung Injury in Response to Intratracheal Instillation of Lipopolysaccharide in an Animal Model of Emphysema Induced by Elastase. *Inflammation*, **2018**, 41, 174-182	5.1	13
81	Infrared laser effects at fluences used for treatment of dentin hypersensitivity on DNA repair in Escherichia coli and plasmids. *Optics and Laser Technology*, **2014**, 64, 46-52	4.2	13
80	Low intensity infrared laser effects on Escherichia coli cultures and plasmid DNA. *Laser Physics*, **2012**, 22, 1635-1641	1.2	13
79	DNA damage in blood cells exposed to low-level lasers. *Lasers in Surgery and Medicine*, **2015**, 47, 361-8	3.6	12
78	Low-intensity red and infrared lasers affect mRNA expression of DNA nucleotide excision repair in skin and muscle tissue. *Lasers in Medical Science*, **2016**, 31, 429-35	3.1	12
77	Expression of DNA repair genes in burned skin exposed to low-level red laser. *Lasers in Medical Science*, **2014**, 29, 1953-7	3.1	11
76	Assessment of effects of a Cordia salicifolia extract on the radiolabeling of blood constituents and on the morphology of red blood cells. *Journal of Medicinal Food*, **2008**, 11, 767-72	2.8	10

75	Low-level laser irradiation alters mRNA expression from genes involved in DNA repair and genomic stabilization in myoblasts. *Laser Physics Letters*, **2016**, 13, 075601	1.5	10
74	Low-level infrared laser modulates muscle repair and chromosome stabilization genes in myoblasts. *Lasers in Medical Science*, **2016**, 31, 1161-7	3.1	10
73	Low-intensity red and infrared laser effects at high fluences on Escherichia coli cultures. *Brazilian Journal of Medical and Biological Research*, **2015**, 48, 945-52	2.8	9
72	Therapeutic low-intensity red laser for herpes labialis on plasmid survival and bacterial transformation. *Photochemical and Photobiological Sciences*, **2013**, 12, 930-5	4.2	9
71	Effect of a peel passion fruit flour (Passiflora edulis f. flavicarpa) extract on the labeling of blood constituents with technetium-99m and on the morphology of red blood cells. *Brazilian Archives of Biology and Technology*, **2007**, 50, 153-159	1.8	9
70	Effects of Cinnamomum zeylanicum treatment on radiolabeling of blood bonstituents and morphology of red blood cells in Wistar rats. *Brazilian Archives of Biology and Technology*, **2008**, 51, 143-149	1.8	8
69	Apoptosis induced by low-level laser in polymorphonuclear cells of acute joint inflammation: comparative analysis of two energy densities. *Lasers in Medical Science*, **2017**, 32, 975-983	3.1	7
68	Low-intensity red and infrared lasers on XPA and XPC gene expression. *Laser Physics Letters*, **2014**, 11, 095601	1.5	7
67	Effects of a tomato (Solanum lycopersicum) extract on the labeling of blood constituents with technetium-99m. *Revista Brasileira De Farmacognosia*, **2008**, 18, 190-196	2	7
66	Is there a measure for low power laser dose?. *Lasers in Medical Science*, **2019**, 34, 223-234	3.1	7
65	Chronic Obstructive Pulmonary Disease: From Injury to Genomic Stability. *COPD: Journal of Chronic Obstructive Pulmonary Disease*, **2017**, 14, 439-450	2	6
64	B Vitamins for Neuropathy and Neuropathic Pain. *Vitamins & Minerals*, **2017**, 06,		6
63	Low-level red laser therapy alters effects of ultraviolet C radiation on Escherichia coli cells. *Brazilian Journal of Medical and Biological Research*, **2015**, 48, 939-44	2.8	6
62	Low intensity red laser action onEscherichia colicultures submitted to stress conditions. *Laser Physics*, **2014**, 24, 125603	1.2	6
61	Low intensity infrared laser affects expression of oxidative DNA repair genes in mitochondria and nucleus. *Laser Physics*, **2014**, 24, 115605	1.2	6
60	Low-intensity infrared lasers alter actin gene expression in skin and muscle tissue. *Laser Physics*, **2013**, 23, 025602	1.2	5
59	Clinical Assessment of Treatment Outcomes Following <i>Borago officinalis</i> Extract Therapy in Patients Presenting with Cyclical Mastalgia. *International Journal of Clinical Medicine*, **2015**, 06, 363-371	0.3	5
58	Effect of low-level laser therapy on the inflammatory response in an experimental model of ventilator-induced lung injury. *Photochemical and Photobiological Sciences*, **2020**, 19, 1356-1363	4.2	5

57	Comparison of the action of diclofenac alone versus diclofenac plus B vitamins on mobility in patients with low back pain. *Journal of Drug Assessment*, **2016**, 5, 1-3	1.5	5
56	Dichromatic and monochromatic laser radiation effects on survival and morphology ofPantoea agglomerans. *Laser Physics*, **2017**, 27, 055602	1.2	4
55	TP53 and ATM mRNA expression in skin and skeletal muscle after low-level laser exposure. *Journal of Cosmetic and Laser Therapy*, **2017**, 19, 227-231	1.8	4
54	Low-level lasers affectEscherichia colicultures in hyperosmotic stress. *Laser Physics*, **2015**, 25, 085602	1.2	4
53	DNA fragmentation and nuclear phenotype in tendons exposed to low-intensity infrared laser **2015** ,		4
52	Dichromatic laser radiation effects on DNA ofEscherichia coliand plasmids. *Laser Physics*, **2015**, 25, 045603	1.2	4
51	Photobiomodulation effects on mRNA levels from genomic and chromosome stabilization genes in injured muscle. *Lasers in Medical Science*, **2018**, 33, 1513-1519	3.1	4
50	High-Resolution Melting (HRM) of Hypervariable Mitochondrial DNA Regions for Forensic Science. *Journal of Forensic Sciences*, **2018**, 63, 536-540	1.8	4
49	Low-level lasers affect uncoupling protein gene expression in skin and skeletal muscle tissues. *Laser Physics*, **2016**, 26, 035601	1.2	4
48	The effects of a low-intensity red laser on bacterial growth, filamentation and plasmid DNA. *Laser Physics*, **2013**, 23, 075602	1.2	4
47	Nucleotide excision repair pathway assessment in DNA exposed to low-intensity red and infrared lasers. *Brazilian Journal of Medical and Biological Research*, **2015**, 48, 929-38	2.8	4
46	Acetylsalicylic acid and morphology of red blood cells. *Brazilian Archives of Biology and Technology*, **2010**, 53, 575-582	1.8	4
45	Effects of chronic sucralose sweetener on the labeling of blood constituents with technetium-99m, morphology of red blood cells and the biodistribution of sodium pertechnetate in rats. *Brazilian Archives of Biology and Technology*, **2008**, 51, 127-133	1.8	4
44	In vitro and in vivo studies of an aqueous extract of Matricaria recutita (German chamomile) on the radiolabeling of blood constituents, on the morphology of red blood cells and on the biodistribution of the radiopharmaceutical sodium pertechnetate. *Pharmacognosy Magazine*, **2013**,	0.8	4
43	Modulation of immune response to induced-arthritis by low-level laser therapy. *Journal of Biophotonics*, **2019**, 12, e201800120	3.1	4
42	Genomic stability and telomere regulation in skeletal muscle tissue. *Biomedicine and Pharmacotherapy*, **2018**, 98, 907-915	7.5	3
41	Effects of resveratrol, grape juice or red wine consumption Irisin levels and fibronectin type III domain containing protein 5 and uncoupoling protein gene expression modulation in rats. *Clinical Nutrition Experimental*, **2016**, 5, 1-5	2	3
40	Sucralose sweetener does not modify radiolabeling of blood constituents and morphology of red blood cells. *Medicinal Chemistry Research*, **2012**, 21, 1084-1089	2.2	3

39	An experimental model to study the effects of a senna extract on the blood constituent labeling and biodistribution of a radiopharmaceutical in rats. *Clinics*, **2011**, 66, 483-6	2.3	3
38	A Review of Scientific Papers About Head and Neck Cancers. *Brazilian Archives of Biology and Technology*, **2008**, 51, 63-69	1.8	3
37	Comet Assay to Determine DNA Damage Induced by REM Sleep Deprivation in Rats. *Pakistan Journal of Biological Sciences*, **2004**, 7, 1334-1339	0.8	3
36	Emphysema induced by elastase enhances acute inflammatory pulmonary response to intraperitoneal LPS in rats. *International Journal of Experimental Pathology*, **2016**, 97, 430-437	2.8	3
35	Low-power laser alters mRNA levels from DNA repair genes in acute lung injury induced by sepsis in Wistar rats. *Lasers in Medical Science*, **2019**, 34, 157-168	3.1	3
34	Could adverse effects and complications of selective laser trabeculoplasty be decreased by low-power laser therapy?. *International Ophthalmology*, **2019**, 39, 243-257	2.2	3
33	Photobiomodulation via multiple-wavelength radiations. *Lasers in Medical Science*, **2020**, 35, 307-316	3.1	3
32	Dichromatic and monochromatic laser radiation effects on antibiotic resistance, biofilm formation, and division rate of Pantoea agglomerans. *Laser Physics*, **2018**, 28, 065606	1.2	3
31	Nuclear phenotype evaluation in skeletal muscle fromWistarrats exposed to low-level lasers. *Laser Physics*, **2017**, 27, 035601	1.2	2
30	Photobiomodulation can prevent apoptosis in cells from mouse periodontal ligament. *Lasers in Medical Science*, **2020**, 35, 1841-1848	3.1	2
29	Low power lasers on genomic stability. *Journal of Photochemistry and Photobiology B: Biology*, **2018**, 180, 186-197	6.7	2
28	Low power infrared laser modifies the morphology of lung affected with acute injury induced by sepsis. *Laser Physics*, **2018**, 28, 065601	1.2	2
27	Biological effects of an aqueous extract of Salix alba on the survival of Escherichia coli AB1157 cultures submitted to the action of stannous chloride. *Biological Research*, **2009**, 42,	7.6	2
26	Aptamer-based radiopharmaceuticals for diagnostic imaging and targeted radiotherapy of epithelial tumors. *Brazilian Archives of Biology and Technology*, **2008**, 51, 77-82	1.8	2
25	Effect of an extract of Centella asiatica on the biodistribution of sodium pertechnetate (Na99mTcO4) and on the fixation of radioactivity on blood constituents. *Brazilian Archives of Biology and Technology*, **2008**, 51, 215-219	1.8	2
24	Effects of fenoprofen on the labeling of blood constituents with technetium-99m, the morphology of red blood cells and the plasmid. *Brazilian Archives of Biology and Technology*, **2008**, 51, 135-141	1.8	2
23	The effect of an extract from Ganoderma lucidum (reishi) on the labeling of blood constituents with technetium-99m and on the survival of Escherichia coli. *Brazilian Archives of Biology and Technology*, **2008**, 51, 157-162	1.8	2
22	Low-level lasers and mRNA levels of reference genes used inEscherichia coli. *Laser Physics Letters*, **2016**, 13, 115602	1.5	2

21	Low-power lasers on bacteria: stimulation, inhibition, or effectless?. *Lasers in Medical Science*, **2021**, 36, 1791-1805	3.1	2
20	Low-level lasers on microRNA and uncoupling protein 2 mRNA levels in human breast cancer cells. *Laser Physics*, **2017**, 27, 065601	1.2	1
19	Pulsed low-level infrared laser alters mRNA levels from muscle repair genes dependent on power output inWistarrats. *Laser Physics Letters*, **2017**, 14, 105603	1.5	1
18	DNA repair and genomic stability in lungs affected by acute injury. *Biomedicine and Pharmacotherapy*, **2019**, 119, 109412	7.5	1
17	Photobiomodulation can alter mRNA levels cell death-related. *Lasers in Medical Science*, **2019**, 34, 1373-1380	3.1	1
16	Emphysema induced by elastase alters the mRNA relative levels from DNA repair genes in acute lung injury in response to sepsis induced by lipopolysaccharide administration in Wistar rats. *Experimental Lung Research*, **2018**, 44, 79-88	2.3	1
15	Low-level laser effects on bacterial cultures submitted to heat stress. *Laser Physics*, **2016**, 26, 065601	1.2	1
14	Evaluation of biological effects of the naproxen. *Medicinal Chemistry Research*, **2012**, 21, 1433-1438	2.2	1
13	Cellular and molecular effects of electromagnetic radiation and sonic waves. *South African Journal of Science*, **2013**, 109+, 1-4	1.3	1
12	Evaluation of metalloproteinases-2, -9, and -13 post photobiomodulation in mice talocrural joint. *Lasers in Medical Science*, **2020**, 35, 633-640	3.1	1
11	Effect of low power lasers on prokaryotic and eukaryotic cells under different stress condition: a review of the literature. *Lasers in Medical Science*, **2021**, 36, 1139-1150	3.1	1
10	5-Aza-2Sdeoxycytidine induces a greater inflammatory change, at the molecular levels, in normoxic than hypoxic tumor microenvironment. *Molecular Biology Reports*, **2021**, 48, 1161-1169	2.8	1
9	An ex vivo model of human skin photoaging induced by UVA radiation compatible with summer exposure in Brazil. *Journal of Photochemistry and Photobiology B: Biology*, **2021**, 221, 112255	6.7	1
8	Low power blue LED exposure increases effects of doxorubicin on MDA-MB-231 breast cancer cells. *Photodiagnosis and Photodynamic Therapy*, **2018**, 24, 250-255	3.5	0
7	Low-power infrared laser modulates telomere length in heart tissue from an experimental model of acute lung injury. *Photochemical and Photobiological Sciences*, **2021**, 20, 653-661	4.2	0
6	Low-power lasers on amblyopia. *Laser Physics Letters*, **2019**, 16, 073001	1.5	
5	Low power infrared laser in pulsed emission mode modulates mRNA levels from pro-inflammatory and anti-inflammatory cytokines favoring repair process in injured muscle. *Laser Physics*, **2018**, 28, 085602	1.2	
4	Low-level lasers alter mRNA levels from traditional reference genes used in breast cancer cells. *Laser Physics*, **2017**, 27, 075601	1.2	

List of Publications

3	Low-Power Red and Infrared Laser Effects on Cells Deficient in DNA Repair. *Journal of Lasers in Medical Sciences*, **2019**, 10, 157-162	1.6
2	Assessment of Acute Episodes in Chronic Stable Angina: A Clinical-Laboratory Approach to the Use of the Coronary Vasodilator Propatyl Nitrate. *World Journal of Cardiovascular Diseases*, **2016**, 06, 246-252	9
1	Low-power therapeutic lasers on mRNA levels.. *Lasers in Medical Science*, **2022**, 1	3.1