

Chukuka S Enwemeka

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2110333/chukuka-s-enwemeka-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

76
papers

4,266
citations

33
h-index

65
g-index

88
ext. papers

4,664
ext. citations

3.3
avg, IF

5.66
L-index

#	Paper	IF	Citations
76	Pulsed blue light, saliva and curcumin significantly inactivate human coronavirus.. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021 , 227, 112378	6.7	0
75	Blue light absorbing pigment in Streptococcus agalactiae does not potentiate the antimicrobial effect of pulsed 450nm light. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021 , 216, 112149	6.7	2
74	Structural membrane changes induced by pulsed blue light on methicillin-resistant Staphylococcus aureus (MRSA). <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021 , 216, 112150	6.7	5
73	The viability of human cells irradiated with 470-nm light at various radiant energies in vitro. <i>Lasers in Medical Science</i> , 2021 , 36, 1661-1670	3.1	5
72	Pulsed blue light inactivates two strains of human coronavirus. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021 , 222, 112282	6.7	6
71	The antimicrobial effect of 400nm femtosecond laser and silver nanoparticles on gram-positive and gram-negative bacteria. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021 , 223, 112300	6.7	3
70	The role of UV and blue light in photo-eradication of microorganisms. <i>Journal of Photochemistry and Photobiology</i> , 2021 , 8, 100064	0.8	3
69	Light as a potential treatment for pandemic coronavirus infections: A perspective. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020 , 207, 111891	6.7	37
68	Optimizing the bactericidal effect of pulsed blue light on Propionibacterium acnes - A correlative fluorescence spectroscopy study. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020 , 202, 111701	6.7	11
67	Pulsed 450 nm blue light suppresses MRSA and Propionibacterium acnes in planktonic cultures and bacterial biofilms. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020 , 202, 111702	6.7	14
66	Pulsed 450nm blue light significantly inactivates Propionibacterium acnes more than continuous wave blue light. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020 , 202, 111719	6.7	13
65	The importance of porphyrins in blue light suppression of Streptococcus agalactiae. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020 , 212, 111996	6.7	7
64	Development of pulsed blue light technologies for bacterial biofilm disruption 2019 ,		1
63	Optimizing the antimicrobial efficacy of pulsed 450-nm light on Propionibacterium acnes through correlation with fluorescence spectroscopy 2019 ,		1
62	Optimal Laser Phototherapy Parameters for Pain Relief. <i>Photomedicine and Laser Surgery</i> , 2018 , 36, 354-362		6
61	Spectrally resolved infrared microscopy and chemometric tools to reveal the interaction between blue light (470nm) and methicillin-resistant Staphylococcus aureus. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017 , 167, 150-157	6.7	34
60	Blue/violet laser inactivates methicillin-resistant Staphylococcus aureus by altering its transmembrane potential. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017 , 170, 118-124	6.7	35

59	Understanding the antimicrobial activity of selected disinfectants against methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). <i>PLoS ONE</i> , 2017 , 12, e0186375	3.7	19
58	A comparison of four methods for determining viability in human dermal fibroblasts irradiated with blue light. <i>Journal of Pharmacological and Toxicological Methods</i> , 2016 , 79, 15-22	1.7	20
57	Blue light does not impair wound healing in vitro. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016 , 160, 53-60	6.7	27
56	The bactericidal effect of 470-nm light and hyperbaric oxygen on methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). <i>Lasers in Medical Science</i> , 2015 , 30, 1153-9	3.1	30
55	The relative antimicrobial effect of blue 405 nm LED and blue 405 nm laser on methicillin-resistant <i>Staphylococcus aureus</i> in vitro. <i>Lasers in Medical Science</i> , 2015 , 30, 2265-71	3.1	35
54	Optimization of the antimicrobial effect of blue light on methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) in vitro. <i>Lasers in Surgery and Medicine</i> , 2015 , 47, 266-72	3.6	40
53	Blue 470 nm light suppresses the growth of <i>Salmonella enterica</i> and methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) in vitro. <i>Lasers in Surgery and Medicine</i> , 2015 , 47, 595-601	3.6	30
52	Whole-Genome Sequence for Methicillin-Resistant <i>Staphylococcus aureus</i> Strain ATCC BAA-1680. <i>Genome Announcements</i> , 2015 , 3,		5
51	Phototherapy promotes healing of cutaneous wounds in undernourished rats. <i>Anais Brasileiros De Dermatologia</i> , 2014 , 89, 899-904	1.6	13
50	Wavelength and bacterial density influence the bactericidal effect of blue light on methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). <i>Photomedicine and Laser Surgery</i> , 2013 , 31, 547-53		55
49	A meta-analysis of the efficacy of laser phototherapy on pain relief. <i>Clinical Journal of Pain</i> , 2010 , 26, 729-36	3.5	60
48	Blue 470-nm light kills methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) in vitro. <i>Photomedicine and Laser Surgery</i> , 2009 , 27, 221-6		135
47	Phototherapy improves healing of chronic venous ulcers. <i>Photomedicine and Laser Surgery</i> , 2009 , 27, 111-8		77
46	Phototherapy promotes healing of chronic diabetic leg ulcers that failed to respond to other therapies. <i>Lasers in Surgery and Medicine</i> , 2009 , 41, 433-41	3.6	110
45	Intricacies of dose in laser phototherapy for tissue repair and pain relief. <i>Photomedicine and Laser Surgery</i> , 2009 , 27, 387-93		107
44	A meta-analysis of the efficacy of phototherapy in tissue repair. <i>Photomedicine and Laser Surgery</i> , 2009 , 27, 695-702		37
43	Phototherapy (LEDs 660/890nm) in the treatment of leg ulcers in diabetic patients: case study. <i>Anais Brasileiros De Dermatologia</i> , 2009 , 84, 279-83	1.6	16
42	Visible 405 nm SLD light photo-destroys methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) in vitro. <i>Lasers in Surgery and Medicine</i> , 2008 , 40, 734-7	3.6	118

41	Combined 660 and 880 nm Light Improves Healing of Recalcitrant Diabetic Ulcers. <i>Lecture Notes in Electrical Engineering</i> , 2008 , 23-32	0.2	
40	Blue Light Photo-Destroys Methicillin Resistant Staphylococcus aureus (MRSA) In-Vitro. <i>Lecture Notes in Electrical Engineering</i> , 2008 , 33-37	0.2	1
39	Low level laser therapy is not low. <i>Photomedicine and Laser Surgery</i> , 2006 , 24, 532; author reply 532-3		3
38	An inexpensive, automated instrument for laser irradiation of cultured cells. <i>Photomedicine and Laser Surgery</i> , 2004 , 22, 233-9		2
37	The efficacy of laser therapy in wound repair: a meta-analysis of the literature. <i>Photomedicine and Laser Surgery</i> , 2004 , 22, 241-7		237
36	The efficacy of low-power lasers in tissue repair and pain control: a meta-analysis study. <i>Photomedicine and Laser Surgery</i> , 2004 , 22, 323-9		256
35	Therapeutic light. <i>Rehab Management</i> , 2004 , 17, 20-5, 56-7		3
34	The variation of heating depth with therapeutic ultrasound frequency in physiotherapy. <i>Ultrasound in Medicine and Biology</i> , 2003 , 29, 113-8	3.5	24
33	Soft tissue thermodynamics before, during, and after cold pack therapy. <i>Medicine and Science in Sports and Exercise</i> , 2002 , 34, 45-50	1.2	107
32	Glycation-induced matrix stability in the rabbit achilles tendon. <i>Archives of Biochemistry and Biophysics</i> , 2002 , 399, 174-80	4.1	79
31	Laser photostimulation accelerates wound healing in diabetic rats. <i>Wound Repair and Regeneration</i> , 2001 , 9, 248-55	3.6	135
30	The biomechanical integrity of bone in experimental diabetes. <i>Diabetes Research and Clinical Practice</i> , 2001 , 54, 1-8	7.4	93
29	THE BIOLOGICAL EFFECTS OF LASER THERAPY AND OTHER PHYSICAL MODALITIES ON CONNECTIVE TISSUE REPAIR PROCESSES. <i>Laser Therapy</i> , 2000 , 12, 22-30	0.8	28
28	ATTENUATION AND PENETRATION OF VISIBLE 632.8nm AND INVISIBLE INFRA-RED 904nm LIGHT IN SOFT TISSUES. <i>Laser Therapy</i> , 2000 , 13, 95-101	0.8	59
27	Matrix remodeling in healing rabbit Achilles tendon. <i>Wound Repair and Regeneration</i> , 1999 , 7, 518-27	3.6	58
26	Laser photostimulation of collagen production in healing rabbit Achilles tendons. <i>Lasers in Surgery and Medicine</i> , 1998 , 22, 281-7	3.6	174
25	Biochemistry and biomechanics of healing tendon. <i>Medicine and Science in Sports and Exercise</i> , 1998 , 30, 788-793	1.2	10
24	Biochemistry and biomechanics of healing tendon: Part I. Effects of rigid plaster casts and functional casts. <i>Medicine and Science in Sports and Exercise</i> , 1998 , 30, 788-93	1.2	19

23	Biochemistry and biomechanics of healing tendon: Part II. Effects of combined laser therapy and electrical stimulation. <i>Medicine and Science in Sports and Exercise</i> , 1998 , 30, 794-800	1.2	19
22	EDITORIAL, 10.3. <i>Laser Therapy</i> , 1998 , 10, 101-102	0.8	
21	Biochemistry and biomechanics of healing tendon. <i>Medicine and Science in Sports and Exercise</i> , 1998 , 30, 794-800	1.2	7
20	Laser photostimulation of collagen production in healing rabbit achilles tendons 1998 , 22, 281		2
19	Combined ultrasound, electrical stimulation, and laser promote collagen synthesis with moderate changes in tendon biomechanics. <i>American Journal of Physical Medicine and Rehabilitation</i> , 1997 , 76, 288-296	2.6	49
18	A simplified method for the analysis of hydroxyproline in biological tissues. <i>Clinical Biochemistry</i> , 1996 , 29, 225-9	3.5	972
17	BIOMECHANICAL EFFECTS OF THREE DIFFERENT PERIODS OF GaAs LASER PHOTOSTIMULATION ON TENOTOMIZED TENDONS. <i>Laser Therapy</i> , 1994 , 6, 181-188	0.8	38
16	Functional loading augments the initial tensile strength and energy absorption capacity of regenerating rabbit Achilles tendons. <i>American Journal of Physical Medicine and Rehabilitation</i> , 1992 , 71, 31-8	2.6	52
15	Effects of exercise and food restriction on rat skeletal muscles. <i>Tissue and Cell</i> , 1992 , 24, 491-8	2.7	13
14	Ultrastructural morphometry of matrical changes induced by exercise and food restriction in the rat calcaneal tendon. <i>Tissue and Cell</i> , 1992 , 24, 499-510	2.7	28
13	Ultrastructural morphometry of membrane-bound intracytoplasmic collagen fibrils in tendon fibroblasts exposed to He:Ne laser beam. <i>Tissue and Cell</i> , 1992 , 24, 511-23	2.7	41
12	Connective tissue plasticity: ultrastructural, biomechanical, and morphometric effects of physical factors on intact and regenerating tendons. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 1991 , 14, 198-212	4.2	26
11	Membrane-bound intracellular collagen fibrils in fibroblasts and myofibroblasts of regenerating rabbit calcaneal tendons. <i>Tissue and Cell</i> , 1991 , 23, 173-90	2.7	27
10	Laser vascular tissue fusion: development, current status, and future perspectives. <i>Photomedicine and Laser Surgery</i> , 1990 , 8, 47-54		49
9	Biostimulatie van helende wonden met laser: specifieke effecten en werkingsmechanismen. <i>Stimulus</i> , 1990 , 9, 13-17		
8	The biomechanical effects of low-intensity ultrasound on healing tendons. <i>Ultrasound in Medicine and Biology</i> , 1990 , 16, 801-7	3.5	115
7	The effects of therapeutic ultrasound on tendon healing. A biomechanical study. <i>American Journal of Physical Medicine and Rehabilitation</i> , 1989 , 68, 283-7	2.6	107
6	Inflammation, cellularity, and fibrillogenesis in regenerating tendon: implications for tendon rehabilitation. <i>Physical Therapy</i> , 1989 , 69, 816-25	3.3	105

5	Laser biostimulation of healing wounds: specific effects and mechanisms of action. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 1988 , 9, 333-8	4.2	38
4	Postural correction in persons with neck pain (I. A survey of neck positions recommended by physical therapists). <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 1986 , 8, 235-9	4.2	16
3	Postural Correction in Persons with Neck Pain (II. Integrated Electromyography of the Upper Trapezius in Three Simulated Neck Positions). <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 1986 , 8, 240-2	4.2	20
2	Physical deformities in Nigerian schools. <i>International Journal of Rehabilitation Research</i> , 1984 , 7, 163-172.8		4
1	Some family problems associated with the presence of a child with handicap in Nigeria. <i>Child: Care, Health and Development</i> , 1982 , 8, 133-40	2.8	3