

Lilach Gavish

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

469
citations

932766

10
h-index

713013

21
g-index

25
all docs

25
docs citations

25
times ranked

593
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-level laser irradiation modulates matrix metalloproteinase activity and gene expression in porcine aortic smooth muscle cells. <i>Lasers in Surgery and Medicine</i> , 2006, 38, 779-786.	1.1	108
2	Low level laser irradiation stimulates mitochondrial membrane potential and disperses subnuclear promyelocytic leukemia protein. <i>Lasers in Surgery and Medicine</i> , 2004, 35, 369-376.	1.1	89
3	Irradiation with 780 nm diode laser attenuates inflammatory cytokines but upregulates nitric oxide in lipopolysaccharide-stimulated macrophages: Implications for the prevention of aneurysm progression. <i>Lasers in Surgery and Medicine</i> , 2008, 40, 371-378.	1.1	86
4	Therapeutic Efficacy of Home-Use Photobiomodulation Devices: A Systematic Literature Review. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2019, 37, 4-16.	0.7	26
5	Microcirculatory Response to Photobiomodulation—Why Some Respond and Others Do Not: A Randomized Controlled Study. <i>Lasers in Surgery and Medicine</i> , 2020, 52, 863-872.	1.1	21
6	Low-level laser irradiation inhibits abdominal aortic aneurysm progression in apolipoprotein E-deficient mice. <i>Cardiovascular Research</i> , 2009, 83, 785-792.	1.8	18
7	Low level laser arrests abdominal aortic aneurysm by collagen matrix reinforcement in apolipoprotein E-deficient mice. <i>Lasers in Surgery and Medicine</i> , 2012, 44, 664-674.	1.1	18
8	Inadequate reinforcement of transmedial disruptions at branch points subtends aortic aneurysm formation in apolipoprotein-E-deficient mice. <i>Cardiovascular Pathology</i> , 2014, 23, 152-159.	0.7	16
9	At-Home Self-Applied Photobiomodulation Device for the Treatment of Diabetic Foot Ulcers in Adults With Type 2 Diabetes: Report of 4 Cases. <i>Canadian Journal of Diabetes</i> , 2020, 44, 375-378.	0.4	13
10	Photobiomodulation and estrogen stabilize mitochondrial membrane potential in angiotensin-II-challenged porcine aortic smooth muscle cells. <i>Journal of Biophotonics</i> , 2021, 14, e202000329.	1.1	12
11	Treatment of diabetic foot ulcers in a frail population with severe co-morbidities using at-home photobiomodulation laser therapy: a double-blind, randomized, sham-controlled pilot clinical study. <i>Lasers in Medical Science</i> , 2022, 37, 919-928.	1.0	11
12	Contradictory Effects of Hypercholesterolemia and Diabetes Mellitus on the Progression of Abdominal Aortic Aneurysm. <i>American Journal of Cardiology</i> , 2015, 115, 399-401.	0.7	9
13	Therapeutic Efficacy of Home-Use Photobiomodulation Devices: A Systematic Literature Review. <i>Photomedicine and Laser Surgery</i> , 2018, , .	2.1	9
14	Lessons from Animal Models of Arterial Aneurysm. <i>Aorta</i> , 2013, 1, 244-254.	0.1	8
15	Arrest of progression of pre-induced abdominal aortic aneurysm in apolipoprotein E-deficient mice by low level laser phototherapy. <i>Lasers in Surgery and Medicine</i> , 2014, 46, 781-790.	1.1	8
16	Supportive care of cancer patients with a self-applied photobiomodulation device: a case series. <i>Supportive Care in Cancer</i> , 2021, 29, 4743-4749.	1.0	5
17	Early Maladaptive Cardiovascular Responses are Associated with Mortality in a Porcine Model of Hemorrhagic Shock. <i>Shock</i> , 2020, 53, 485-492.	1.0	4
18	Photobiomodulation as an Adjunctive Treatment to Physiotherapy for Reduction of Anterior Knee Pain in Combat Soldiers: A Prospective, Double-Blind, Randomized, Pragmatic, Sham-Controlled Trial. <i>Lasers in Surgery and Medicine</i> , 2021, 53, 1376-1385.	1.1	3

#	ARTICLE	IF	CITATIONS
19	Assessment of the Efficacy and Safety of a Novel, Low-Cost, Junctional Tourniquet in a Porcine Model of Hemorrhagic Shock. <i>Military Medicine</i> , 2020, 185, 96-102.	0.4	2
20	Ventilating the Bearded: A Randomized Crossover Trial Comparing a Novel Bag-Valve-Guedel Adaptor to a Standard Mask. <i>Military Medicine</i> , 2020, 185, e1300-e1308.	0.4	1
21	Novel self-fixation chest drain device tested in a swine model of pneumo-hemothorax. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2021, 30, 40-46.	0.6	1
22	Photobiomodulation for Diabetic Foot Ulcers? Show Me!. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2021, 39, 631-633.	0.7	1
23	Chapter 26 Low-Level Laser and Experimental Aortic Aneurysm. , 2016, , 471-490.		0
24	Remote ischemic preconditioning improves tissue oxygenation in a porcine model of controlled hemorrhage without fluid resuscitation. <i>Scientific Reports</i> , 2021, 11, 10808.	1.6	0
25	A mathematical model of cardiovascular dynamics for the diagnosis and prognosis of hemorrhagic shock. <i>Mathematical Medicine and Biology</i> , 2021, 38, 417-441.	0.8	0