Richard E Liebano Pt

List of Publications by Year
in descending order

75 papers	1,535 citations	304602 22 h-index	345118 36 g-index
76 all docs	76 docs citations	76 times ranked	1610 citing authors

#	Article	IF	Citations
1	Transcutaneous electrical nerve stimulation reduces pain, fatigue and hyperalgesia while restoring central inhibition in primary fibromyalgia. Pain, 2013, 154, 2554-2562.	2.0	178
2	Central sensitization and changes in conditioned pain modulation in people with chronic nonspecific low back pain: a caseâ€“control study. Experimental Brain Research, 2015, 233, 2391-2399.	0.7	128
3	An investigation of the development of analgesic tolerance to TENS in humans. Pain, 2011, 152, 335-342.	2.0	102
4	Adjusting Pulse Amplitude During Transcutaneous Electrical Nerve Stimulation (TENS) Application Produces Greater Hypoalgesia. Journal of Pain, 2011, 12, 581-590.	0.7	96
5	Metaâ€analysis of transcutaneous electrical nerve stimulation for relief of spinal pain. European Journal of Pain, 2018, 22, 663-678.	1.4	61
6	Immediate Effects of Region-Specific and Nonâ€“Region-Specific Spinal Manipulative Therapy in Patients With Chronic Low Back Pain: A Randomized Controlled Trial. Physical Therapy, 2013, 93, 748-756.	1.1	60
7	Effect of low level laser therapy (830 nm) with different therapy regimes on the process of tissue repair in partial lesion calcaneous tendon. Lasers in Surgery and Medicine, 2009, 41, 271-276.	1.1	53
8	Helium-neon laser in viability of random skin flap in rats. Lasers in Surgery and Medicine, 2005, 37, 74-77.	1.1	48
9	Transcutaneous electrical nerve stimulation and interferential current demonstrate similar effects in relieving acute and chronic pain: a systematic review with meta-analysis. Brazilian Journal of Physical Therapy, 2018, 22, 347-354.	1.1	47
10	Immediate Effects of Electroacupuncture and Manual Acupuncture on Pain, Mobility and Muscle Strength in Patients with Knee Osteoarthritis: A Randomised Controlled Trial. Acupuncture in Medicine, 2014, 32, 236-241.	0.4	34
11	Effect of lowâ€frequency transcutaneous electrical nerve stimulation (TENS) on the viability of ischemic skin flaps in the rat: An amplitude study. Wound Repair and Regeneration, 2008, 16, 65-69.	1.5	33
12	Experimental model for low level laser therapy on ischemic random skin flap in rats. Acta Cirurgica Brasileira, 2006, 21, 258-262.	0.3	32
13	Effects of Carrier Frequency of Interferential Current on Pressure Pain Threshold and Sensory Comfort in Humans. Archives of Physical Medicine and Rehabilitation, 2013, 94, 95-102.	0.5	31
14	Effects of the carrier frequency of interferential current on pain modulation and central hypersensitivity in people with chronic nonspecific low back pain: A randomized placeboâ€controlled trial. European Journal of Pain, 2016, 20, 1653-1666.	1.4	30
15	Effect of Low-Level Laser Therapy on Mast Cells in Viability of the Transverse Rectus Abdominis Musculocutaneous Flap. Photomedicine and Laser Surgery, 2009, 27, 337-343.	2.1	29
16	Effect of Application Site of Low-Level Laser Therapy in Random Cutaneous Flap Viability in Rats. Photomedicine and Laser Surgery, 2009, 27, 411-416.	2.1	29
17	Effect of Low-Level Laser Therapy with Output Power of 30â€‰mW and 60â€‰mW in the Viability of a Random Skin Flap. Photomedicine and Laser Surgery, 2010, 28, 57-61.	2.1	28
18	Transcutaneous electrical nerve stimulation and conditioned pain modulation influence the perception of pain in humans. European Journal of Pain, 2013, 17, 1539-1546.	1.4	26

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19	Low-level laser therapy and light-emitting diode effects in the secretion of neuropeptides SP and CGRP in rat skin. Lasers in Medical Science, 2014, 29, 1203-1208.	1.0	26
20	Effects of the carrier frequency of interferential current on pain modulation in patients with chronic nonspecific low back pain: a protocol of a randomised controlled trial. BMC Musculoskeletal Disorders, 2013, 14, 195.	0.8	24
21	Effect of high frequency transcutaneous electrical nerve stimulation on viability of random skin flap in rats. Acta Cirurgica Brasileira, 2006, 21, 133-138.	0.3	23
22	Low-level laser irradiation, cyclooxygenase-2 (COX-2) expression and necrosis of random skin flaps in rats. Lasers in Medical Science, 2012, 27, 655-660.	1.0	23
23	Does Preoperative Electrical Stimulation of the Skin Alter the Healing Process?. Journal of Surgical Research, 2011, 166, 324-329.	0.8	20
24	GaAs 904-nm laser irradiation improves myofiber mass recovery during regeneration of skeletal muscle previously damaged by crotoxin. Lasers in Medical Science, 2012, 27, 993-1000.	1.0	16
25	Transcutaneous Electrical Nerve Stimulation for Pain Relief After Liposuction: A Randomized Controlled Trial. Aesthetic Plastic Surgery, 2015, 39, 262-269.	0.5	16
26	Is Interferential Current Before Pilates Exercises More Effective Than Placebo in Patients With Chronic Nonspecific Low Back Pain?. Archives of Physical Medicine and Rehabilitation, 2017, 98, 320-328.	0.5	16
27	Viability of a random pattern dorsal skin flap, in diabetic rats. Acta Cirurgica Brasileira, 2005, 20, 225-228.	0.3	14
28	ComparaÃ§Ã£o do Ãndice de desconforto sensorial durante a estimulaÃ§Ã£o elÃ©trica neuromuscular com correntes excitomotoras de baixa e mÃ©dia frequÃªncia em mulheres saudÃ¡veis. Revista Brasileira De Medicina Do Esporte, 2009, 15, 50-53.	0.1	14
29	What is better in TRAM flap survival: LLLT single or multi-irradiation?. Lasers in Medical Science, 2013, 28, 755-761.	1.0	14
30	Experimental model for transcutaneous electrical nerve stimulation on ischemic random skin flap in rats. Acta Cirurgica Brasileira, 2003, 18, 54-59.	0.3	13
31	The Effect of Burst-Duty-Cycle Parameters of Medium-Frequency Alternating Current on Maximum Electrically Induced Torque of the Quadriceps Femoris, Discomfort, and Tolerated Current Amplitude in Professional Soccer Players. Journal of Orthopaedic and Sports Physical Therapy, 2013, 43, 920-926.	1.7	13
32	Low-level laser therapy and interferential current in patients with knee osteoarthritis: a randomized controlled trial protocol. Pain Management, 2018, 8, 157-166.	0.7	13
33	The influence of stimulus phase duration on discomfort and electrically induced torque of quadriceps femoris. Brazilian Journal of Physical Therapy, 2013, 17, 479-486.	1.1	12
34	Effects of transcutaneous electrical nerve stimulation on pain intensity during application of carboxytherapy in patients with cellulite: A randomized placeboâ€controlled trial. Journal of Cosmetic Dermatology, 2018, 17, 1175-1181.	0.8	12
35	Segmental and extrasegmental hypoalgesic effects of low-frequency pulsed current and modulated kilohertz-frequency currents in healthy subjects: randomized clinical trial. Physiotherapy Theory and Practice, 2021, 37, 916-925.	0.6	12
36	PeptÃdeo relacionado ao gene da calcitonina por iontoforese na viabilidade de retalho cutÃ¢neo randÃ´mico em ratos. Acta Cirurgica Brasileira, 2004, 19, 626-629.	0.3	12

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37	Histamine iontophoresis on the viability of random skin flap in rats. Acta Cirurgica Brasileira, 2009, 24, 48-51.	0.3	11
38	Anthropometry of the Breast Region: How to Measure?. Aesthetic Plastic Surgery, 2014, 38, 344-349.	0.5	11
39	Microwave diathermy and transcutaneous electrical nerve stimulation effects in primary dysmenorrhea: clinical trial protocol. Pain Management, 2017, 7, 359-366.	0.7	11
40	InfluÃªncia do nÃºmero de sÃ©ries e tempo de alongamento estÃ¡tico sobre a flexibilidade dos mÃºsculos isquiotibiais em mulheres sedentÃ¡rias. Revista Brasileira De Medicina Do Esporte, 2009, 15, 420-423.	0.1	10
41	Mechanical Stimulation Improves Survival in Random-Pattern Skin Flaps in Rats. Ultrasound in Medicine and Biology, 2010, 36, 2048-2056.	0.7	10
42	Capsaicin on the viability of random-pattern skin flaps in rats. Acta Cirurgica Brasileira, 2010, 25, 440-443.	0.3	10
43	IncidÃªncia de lesÃµes na prÃ¡tica do rÃºgbi amador no Brasil. Fisioterapia E Pesquisa, 2008, 15, 131-135.	0.3	8
44	Effect of High- and Low-Frequency Transcutaneous Electrical Nerve Stimulation on Angiogenesis and Myofibroblast Proliferation in Acute Excisional Wounds in Rat Skin. Advances in Skin and Wound Care, 2016, 29, 357-363.	0.5	8
45	Synergistic effects of Combined Therapy: nonfocused ultrasound plus Aussie current for noninvasive body contouring. Clinical, Cosmetic and Investigational Dermatology, 2018, Volume 11, 203-212.	0.8	8
46	Perspectives of implementing the biopsychosocial model to treat chronic musculoskeletal pain in primary healthÂcare. Pain Management, 2021, 11, 217-225.	0.7	8
47	Effects of <scp>TENS</scp> in living kidney donors submitted to open nephrectomy: A randomized placeboâ€controlled trial. European Journal of Pain, 2015, 19, 67-76.	1.4	7
48	Does the use of interferential current prior to pilates exercises accelerate improvement of chronic nonspecific low back pain?. Pain Management, 2018, 8, 465-474.	0.7	7
49	Inhibitory effects of low-level laser therapy on skin-flap survival in a rat model. Plastic Surgery, 2015, 23, 35-39.	0.4	6
50	Can transcutaneous electrical nerve stimulation improve achilles tendon healing in rats?. Brazilian Journal of Physical Therapy, 2015, 19, 433-440.	1.1	6
51	Study protocol of hypoalgesic effects of low frequency and burst-modulated alternating currents on healthy individuals. Pain Management, 2018, 8, 71-77.	0.7	6
52	Experimental model of capsular contracture in silicone implants. Acta Cirurgica Brasileira, 2003, 18, 22-28.	0.3	5
53	Inhibitory effects of low-level laser therapy on skin-flap survival in a rat model. Plastic Surgery, 2015, 23, 35-9.	0.4	5
54	Immediate analgesic effect of two modes of transcutaneous electrical nerve stimulation on patients with chronic low back pain: a randomized controlled trial. Einstein (Sao Paulo, Brazil), 2021, 19, eAO6027.	0.3	5

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55	Efeito hipoalgÃ©sico das correntes diadinÃ¢micas de Bernard em indivÃduos saudÃ¡veis. Revista Dor, 2012, 13, 327-331.	0.1	4
56	High voltage pulsed current in collagen realignment, synthesis, and angiogenesis after Achilles tendon partial rupture. Brazilian Journal of Physical Therapy, 2016, 20, 312-319.	1.1	4
57	Correlation of pain sensitization with muscle strength and angular kinematics in women with patellofemoral pain. Clinical Biomechanics, 2021, 81, 105217.	0.5	4
58	Medical devices registration by ANVISA (AgÃªncia Nacional de VigilÃ¢ncia SanitÃ¡ria). Clinics, 2011, 66, 1095-1096.	0.6	4
59	EstimulaÃ§Ã£o elÃ©trica nervosa transcutÃ¢nea nas modalidades convencional e acupuntura na dor induzida pelo frio. Fisioterapia E Pesquisa, 2009, 16, 148-154.	0.3	4
60	Magnesium sulphate given topically by iontophoresis for viability of random skin flaps in rats. Scandinavian Journal of Plastic and Reconstructive Surgery and Hand Surgery, 2009, 43, 197-200.	0.6	3
61	Efeitos local e sistÃªmico do laser de baixa potÃªncia no limiar de dor por pressÃ£o em indivÃduos saudÃ¡veis. Fisioterapia E Pesquisa, 2012, 19, 345-350.	0.3	3
62	IntervenÃ§Ã£o fisioterapÃªutica nas sequelas de drenagem linfÃ¡tica manual iatrogÃªnica: relato de caso. Fisioterapia E Pesquisa, 2011, 18, 188-194.	0.3	2
63	Efeitos da diatermia por ondas curtas no torque do mÃºsculo quadrÃceps femoral durante a estimulaÃ§Ã£o elÃ©trica neuromuscular e contraÃ§Ã£o voluntÃ¡ria em indivÃduos saudÃ¡veis. Revista Brasileira De Medicina Do Esporte, 2013, 19, 247-251.	0.1	2
64	Hypoalgesic effects of specific vs non-specific cervical manipulation in healthy subjects: a randomized crossover trial. Journal of Bodywork and Movement Therapies, 2021, 28, 311-316.	0.5	2
65	Number of objectives and conclusions in dissertations and thesis. Acta Cirurgica Brasileira, 2005, 20, 272-274.	0.3	2
66	Effect of two laser photobiomodulation application protocols on the viability of random skin flap in rats. , 2018, , .		2
67	Photobiomodulation effect in tumoral necrosis factor-alpha(TNF-Î±) on the viability of random skin flap in rats. Lasers in Medical Science, 2022, 37, 1495-1501.	1.0	2
68	EstimulaÃ§Ã£o elÃ©trica funcional na subluxaÃ§Ã£o crÃ´nica do ombro apÃ³s acidente vascular encefÃ¡lico: relato de casos. Fisioterapia E Pesquisa, 2009, 16, 89-93.	0.3	1
69	Effects of transcutaneous electrical nerve stimulation on pain, walking function, respiratory muscle strength and vital capacity in kidney donors: a protocol of a randomized controlled trial. BMC Nephrology, 2013, 14, 7.	0.8	1
70	Transcutaneous electrical nerve stimulation and cervical joint manipulation on pressure pain threshold. Pain Management, 2018, 8, 263-269.	0.7	1
71	Hypoalgesic Effects of Transcutaneous Electrical Nerve Stimulation Combined With Joint Manipulation: A Randomized Clinical Trial. Journal of Manipulative and Physiological Therapeutics, 2021, 44, 244-254.	0.4	1
72	Shockwave therapy associated with progressive exercises in rotator cuff tendinopathy: a clinical trial protocol. Pain Management, 2021, 11, 639-646.	0.7	1

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73	Drenagem linfÃ¡tica manual nos sintomas da sÃndrome prÃ©-menstrual: estudo piloto. Fisioterapia E Pesquisa, 2010, 17, 75-80.	0.3	1
74	Verification of the Effects of Red Light-emitting Diode Therapy on Acute Lung Injury in a Sepsis Model in Rats. Brazilian Archives of Biology and Technology, 0, 63, .	0.5	1
75	Vibration anesthesia during carboxytherapy for cellulite: a study protocol. Pain Management, 2022, , .	0.7	1