

Jorge H Torres

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

505
citations

840776

11
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

186
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental evaluation of mathematical models for predicting the thermal response of tissue to laser irradiation. <i>Applied Optics</i> , 1993, 32, 597.	2.1	71
2	Cryogen spray cooling: Effects of droplet size and spray density on heat removal. <i>Lasers in Surgery and Medicine</i> , 2001, 28, 103-112.	2.1	65
3	Epidermal protection with cryogen spray cooling during high fluence pulsed dye laser irradiation: An ex vivo study. <i>Lasers in Surgery and Medicine</i> , 2000, 27, 373-383.	2.1	56
4	Methodology for Estimation of Time-Dependent Surface Heat Flux due to Cryogen Spray Cooling. <i>Annals of Biomedical Engineering</i> , 2002, 30, 19-33.	2.5	48
5	An analysis of heat removal during cryogen spray cooling and effects of simultaneous airflow application. <i>Lasers in Surgery and Medicine</i> , 2001, 28, 477-486.	2.1	43
6	Effects of Cryogen Spray Cooling and High Radiant Exposures on Selective Vascular Injury During Laser Irradiation of Human Skin. <i>Archives of Dermatology</i> , 2003, 139, 743-50.	1.4	38
7	Limitations of a thermal camera in measuring surface temperature of laser-irradiated tissues. <i>Lasers in Surgery and Medicine</i> , 1990, 10, 510-523.	2.1	36
8	Effects of surface irrigation on the thermal response of tissue during laser irradiation. <i>Lasers in Surgery and Medicine</i> , 1994, 14, 386-395.	2.1	33
9	Tissue optical property measurements: Overestimation of absorption coefficient with spectrophotometric techniques. <i>Lasers in Surgery and Medicine</i> , 1994, 14, 249-257.	2.1	32
10	Laser photocoagulation of prostate: Influence of dosimetry. <i>Lasers in Surgery and Medicine</i> , 1995, 17, 49-58.	2.1	22
11	Comparison of Thermocoagulation Effects of Low Power, Slow Heating Versus High Power, Rapid Heating Nd: YAG Laser Regimens in a Canine Prostate Model. <i>Journal of Urology</i> , 1995, 153, 196-200.	0.4	19
12	Disparate absorption of argon laser radiation by fibrous versus fatty plaque: Implications for laser angioplasty. <i>Lasers in Surgery and Medicine</i> , 1990, 10, 149-157.	2.1	11
13	Comparison of the thermal tissue effects produced by aged sapphire and silica hemispherical tips. <i>Lasers in Surgery and Medicine</i> , 1994, 14, 47-58.	2.1	11
14	Optical characterization and coagulation performance of side-emitting fiber delivery systems for laser therapy of benign prostatic hyperplasia: A comparative study. <i>Urology</i> , 1996, 47, 845-851.	1.0	6
15	Lifetime testing of sapphire and sculpted silica fiber scalpels. <i>Lasers in Surgery and Medicine</i> , 1995, 16, 189-196.	2.1	5
16	An analysis of heat removal during cryogen spray cooling and effects of simultaneous airflow application. <i>Lasers in Surgery and Medicine</i> , 2001, 28, 477-486.	2.1	5
17	Epidermal protection with cryogen spray cooling during high fluence pulsed dye laser irradiation: An ex vivo study. <i>Lasers in Surgery and Medicine</i> , 2000, 27, 373-383.	2.1	4
18	An analysis of heat removal during cryogen spray cooling and effects of simultaneous airflow application. <i>Lasers in Surgery and Medicine</i> , 2001, 29, 193-193.	2.1	0