Marcos Tadeu Tavares Pacheco

List of Publications by Year
in descending order

157 papers	3,166 citations	147801 31 h-index	189892 50 g-index
163 all docs	163 docs citations	163 times ranked	3466 citing authors

#	Article	IF	Citations
1	Low-Level Laser Therapy Induces Dose-Dependent Reduction of TNFÎ± Levels in Acute Inflammation. Photomedicine and Laser Surgery, 2006, 24, 33-37.	2.0	246
2	Raman spectroscopy in forensic analysis: identification of cocaine and other illegal drugs of abuse. Journal of Raman Spectroscopy, 2016, 47, 28-38.	2.5	133
3	Effect of low-power GaAlAs laser (660 nm) on bone structure and cell activity: an experimental animal study. Lasers in Medical Science, 2003, 18, 89-94.	2.1	124
4	Correlation between near-infrared Raman spectroscopy and the histopathological analysis of atherosclerosis in human coronary arteries. Lasers in Surgery and Medicine, 2002, 30, 290-297.	2.1	115
5	Dose and Wavelength of Laser Light Have Influence on the Repair of Cutaneous Wounds. Photomedicine and Laser Surgery, 2004, 22, 19-25.	0.9	95
6	Rapid Identification of Bacterial Species by Fluorescence Spectroscopy and Classification Through Principal Components Analysis. Journal of Fluorescence, 2003, 13, 489-493.	2.5	89
7	Comparison between Wound Healing in Induced Diabetic and Nondiabetic Rats after Low-Level Laser Therapy. Photomedicine and Laser Surgery, 2006, 24, 474-479.	2.0	81
8	Raman spectroscopy study of atherosclerosis in human carotid artery. Journal of Biomedical Optics, 2005, 10, 031117.	2.6	79
9	Discriminating model for diagnosis of basal cell carcinoma and melanomain vitrobased on the Raman spectra of selected biochemicals. Journal of Biomedical Optics, 2012, 17, 077003.	2.6	67
10	Discrimination of Basal Cell Carcinoma and Melanoma from Normal Skin Biopsies in Vitro Through Raman Spectroscopy and Principal Component Analysis. Photomedicine and Laser Surgery, 2012, 30, 381-387.	2.0	65
11	Use of 660-nm Diode Laser in the Prevention and Treatment of Human Oral Mucositis Induced by Radiotherapy and Chemotherapy. Photomedicine and Laser Surgery, 2010, 28, 233-237.	2.0	63
12	Effect of LLLT Gaâ€“Alâ€“As (685Ânm) on LPS-induced inflammation of the airway and lung in the rat. Lasers in Medical Science, 2005, 20, 11-20.	2.1	62
13	The Impact of Photodynamic Therapy on the Viability ofStreptococcus mutansin a Planktonic Culture. Photomedicine and Laser Surgery, 2007, 25, 513-518.	2.0	62
14	The effect of the association of NIR laser therapy BMPs, and guided bone regeneration on tibial fractures treated with wire osteosynthesis: Raman spectroscopy study. Journal of Photochemistry and Photobiology B: Biology, 2007, 89, 125-130.	3.8	60
15	Analysis of mitochondria, endoplasmic reticulum and actin filaments after PDT with AlPcS 4. Lasers in Medical Science, 2004, 18, 207-212.	2.1	50
16	Analysis of Near-infrared Raman Spectroscopy as a New Technique for a Transcutaneous Non-invasive Diagnosis of Blood Components. Lasers in Medical Science, 2001, 16, 2-9.	2.1	47
17	Laser Light Is Capable of Inducing Proliferation of Carcinoma Cells in Culture: A Spectroscopicin VitroStudy. Photomedicine and Laser Surgery, 2005, 23, 300-303.	2.0	47
18	The effects of low-level light emitting diode on the repair process of Achilles tendon therapy in rats. Lasers in Medical Science, 2009, 24, 659-665.	2.1	47

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19	Identification of hepatitis C in human blood serum by near-infrared Raman spectroscopy. Spectroscopy, 2008, 22, 387-395.	0.8	46
20	Differentiating Normal and Basal Cell Carcinoma Human Skin Tissues In Vitro Using Dispersive Raman Spectroscopy: A Comparison Between Principal Components Analysis and Simplified Biochemical Models. Photomedicine and Laser Surgery, 2010, 28, S-119-S-127.	2.0	46
21	Identification of Different Forms of Cocaine and Substances Used in Adulteration Using Nearâ€infrared Raman Spectroscopy andÂInfrared Absorption Spectroscopy. Journal of Forensic Sciences, 2015, 60, 171-178.	1.6	44
22	Low level laser therapy partially restores trachea muscle relaxation response in rats with tumor necrosis factor Î±-mediated smooth airway muscle dysfunction. Lasers in Surgery and Medicine, 2006, 38, 773-778.	2.1	43
23	Mitochondrial membrane potential after low-power laser irradiation. Lasers in Medical Science, 2004, 18, 204-206.	2.1	41
24	Exercise Order Interacts With Rest Interval During Upper-Body Resistance Exercise. Journal of Strength and Conditioning Research, 2010, 24, 1573-1577.	2.1	40
25	Effect of Low-Level Laser Therapy on Hemorrhagic Lesions Induced by Immune Complex in Rat Lungs. Photomedicine and Laser Surgery, 2007, 25, 112-117.	2.0	37
26	Compound parabolic concentrator probe for efficient light collection in spectroscopy of biological tissue. Applied Optics, 1996, 35, 758.	2.1	36
27	Vickerâ€™s hardness and Raman spectroscopy evaluation of a dental composite cured by an argon laser and a halogen lamp. Journal of Biomedical Optics, 2004, 9, 601.	2.6	36
28	Discrimination of nonâ€melanoma skin lesions from nonâ€tumor human skin tissues in vivo using Raman spectroscopy and multivariate statistics. Lasers in Surgery and Medicine, 2015, 47, 6-16.	2.1	36
29	Quantification of cocaine in ternary mixtures using partial least squares regression applied to <scp>Raman</scp> and <scp>Fourier</scp> transform infrared spectroscopy. Journal of Raman Spectroscopy, 2017, 48, 1732-1743.	2.5	36
30	Discriminating Neoplastic and Normal Brain Tissuesin VitroThrough Raman Spectroscopy: A Principal Components Analysis Classification Model. Photomedicine and Laser Surgery, 2013, 31, 595-604.	2.0	35
31	Quantifying glucose and lipid components in human serum by Raman spectroscopy and multivariate statistics. Lasers in Medical Science, 2017, 32, 787-795.	2.1	35
32	Development of Catheters With Low Fiber Background Signals for Raman Spectroscopic Diagnosis Applications. Artificial Organs, 2000, 24, 231-234.	1.9	34
33	Study of the effect of oral administration of L-arginine on muscular performance in healthy volunteers: An isokinetic study. Isokinetics and Exercise Science, 2002, 10, 153-158.	0.4	32
34	Near-Infrared Raman Spectroscopy of Human Coronary Arteries: Histopathological Classification Based on Mahalanobis Distance. Photomedicine and Laser Surgery, 2003, 21, 203-208.	0.9	32
35	Low power laser radiation at 685nm stimulates stem-cell proliferation rate in Dugesia tigrina during regeneration. Journal of Photochemistry and Photobiology B: Biology, 2005, 80, 203-207.	3.8	31
36	Laser-Induced Fluorescence at 488Ânm Excitation for Detecting Benign and Malignant Lesions in Stomach Mucosa. Journal of Fluorescence, 2008, 18, 35-40.	2.5	31

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37	Near Infrared Raman Spectroscopy (NIRS): A technique for doping control. Spectroscopy, 2006, 20, 185-194.	0.8	30
38	Effects of laser photherapy on bone defects grafted with mineral trioxide aggregate, bone morphogenetic proteins, and guided bone regeneration: A Raman spectroscopic study. Journal of Biomedical Materials Research - Part A, 2010, 95A, 1041-1047.	4.0	30
39	QUANTIFICATION OF BINARY MIXTURES OF COCAINE AND ADULTERANTS USING DISPERSIVE RAMAN AND FT-IR SPECTROSCOPY AND PRINCIPAL COMPONENT REGRESSION. Instrumentation Science and Technology, 2012, 40, 441-456.	1.8	29
40	Raman spectroscopy applied to identify metabolites in urine of physically active subjects. Journal of Photochemistry and Photobiology B: Biology, 2017, 176, 92-99.	3.8	28
41	The effect of the association of near infrared laser therapy, bone morphogenetic proteins, and guided bone regeneration on tibial fractures treated with internal rigid fixation: A Raman spectroscopic study. Journal of Biomedical Materials Research - Part A, 2010, 94A, 1257-1263.	4.0	27
42	Low-level laser therapy can reduce lipopolysaccharide-induced contractile force dysfunction and TNF-Î± levels in rat diaphragm muscle. Lasers in Medical Science, 2006, 21, 238-244.	2.1	26
43	Effects of continuous vs interval exercise training on oxygen uptake efficiency slope in patients with coronary artery disease. Brazilian Journal of Medical and Biological Research, 2016, 49, e4890.	1.5	25
44	Radiative quantum efficiency of CdSe/ZnS quantum dots suspended in different solvents. Optics Communications, 2007, 280, 225-229.	2.1	23
45	Biochemical characterization of pathogenic bacterial species using Raman spectroscopy and discrimination model based on selected spectral features. Lasers in Medical Science, 2021, 36, 289-302.	2.1	23
46	Detecting urine metabolites related to training performance in swimming athletes by means of Raman spectroscopy and principal component analysis. Journal of Photochemistry and Photobiology B: Biology, 2018, 185, 223-234.	3.8	22
47	Discrimination of non-melanoma skin cancer and keratosis from normal skin tissue in vivo and ex vivo by Raman spectroscopy. Vibrational Spectroscopy, 2019, 100, 131-141.	2.2	22
48	Classification model based on Raman spectra of selected morphological and biochemical tissue constituents for identification of atherosclerosis in human coronary arteries. Lasers in Medical Science, 2011, 26, 645-655.	2.1	21
49	Safflower oil: an integrated assessment of phytochemistry, antiulcerogenic activity, and rodent and environmental toxicity. Revista Brasileira De Farmacognosia, 2014, 24, 538-544.	1.4	21
50	USE OF DISPERSIVE RAMAN SPECTROSCOPY IN THE DETERMINATION OF UNSATURATED FAT IN COMMERCIAL EDIBLE OIL- AND FAT-CONTAINING INDUSTRIALIZED FOODS. Instrumentation Science and Technology, 2009, 38, 107-123.	1.8	20
51	Using the laser-induced fluorescence spectroscopy in the differentiation between normal and neoplastichuman breast tissue. Lasers in Medical Science, 2003, 18, 171-176.	2.1	19
52	Use of Near-Infrared Raman Spectroscopy for Identification of Atherosclerotic Plaques in the Carotid Artery. Photomedicine and Laser Surgery, 2007, 25, 482-486.	2.0	18
53	Determination of sucrose concentration in lemon-type soft drinks by dispersive Raman spectroscopy. Spectroscopy, 2009, 23, 217-226.	0.8	18
54	Side-viewing fiberoptic catheter for biospectroscopy applications. Lasers in Medical Science, 2004, 19, 15-20.	2.1	17

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55	Effects of Treatment for Manipulation of Teeth and Er:YAG Laser Irradiation on Dentin: A Raman Spectroscopy Analysis. Photomedicine and Laser Surgery, 2007, 25, 50-57.	2.0	17
56	High efficiency and high brightness Raman conversion of dye laser radiation. Optics Communications, 1985, 55, 188-192.	2.1	16
57	Dentin Evaluation after Nd:YAG Laser Irradiation Using Short and Long Pulses. Photomedicine and Laser Surgery, 2004, 22, 43-50.	0.9	16
58	Force, Reaction Time, and Precision of Kung Fu Strikes. Perceptual and Motor Skills, 2009, 109, 295-303.	1.3	16
59	Raman Spectroscopy Validation of DIAGNOdent-Assisted Fluorescence Readings on Tibial Fractures Treated with Laser Phototherapy, BMPs, Guided Bone Regeneration, and Miniplates. Photomedicine and Laser Surgery, 2010, 28, S-89-S-97.	2.0	16
60	Characterization of nutritional parameters in bovine milk by Raman spectroscopy with least squares modeling. Instrumentation Science and Technology, 2016, 44, 85-97.	1.8	16
61	Comparison of Force, Power, and Striking Efficiency for a Kung Fu Strike Performed by Novice and Experienced Practitioners: Preliminary Analysis. Perceptual and Motor Skills, 2008, 106, 188-196.	1.3	15
62	Optimizing the Raman signal for characterizing organic samples: The effect of slit aperture and exposure time. Spectroscopy, 2009, 23, 71-80.	0.8	15
63	Biochemical changes on the repair of surgical bone defects grafted with biphasic synthetic micro-granular HA + Î²-tricalcium phosphate induced by laser and LED phototherapies and assessed by Raman spectroscopy. Lasers in Medical Science, 2017, 32, 663-672.	2.1	15
64	Diagnosing COVID-19 in human serum using Raman spectroscopy. Lasers in Medical Science, 2022, 37, 2217-2226.	2.1	15
65	Radiative quantum efficiency of CdSe/ZnS core-shell colloidal solutions: Size-dependence. Optics Communications, 2008, 281, 5925-5928.	2.1	14
66	DISCRETE WAVELET TRANSFORM FOR DENOISING RAMAN SPECTRA OF HUMAN SKIN TISSUES USED IN A DISCRIMINANT DIAGNOSTIC ALGORITHM. Instrumentation Science and Technology, 2010, 38, 268-282.	1.8	14
67	Paraconsistent analysis network applied in the treatment of Raman spectroscopy data to support medical diagnosis of skin cancer. Medical and Biological Engineering and Computing, 2016, 54, 1453-1467.	2.8	14
68	Independent Component Analysis Applied to Raman Spectra for Classification ofIn VitroHuman Coronary Arteries. Instrumentation Science and Technology, 2008, 36, 134-145.	1.8	13
69	Near-infrared Raman spectroscopy to detect anti-Toxoplasma gondii antibody in blood sera of domestic cats: quantitative analysis based on partial least-squares multivariate statistics. Journal of Biomedical Optics, 2010, 15, 047002.	2.6	13
70	Discrimination of prostate carcinoma from benign prostate tissue fragments in vitro by estimating the gross biochemical alterations through Raman spectroscopy. Lasers in Medical Science, 2014, 29, 1469-1477.	2.1	13
71	Identification of Calcifications in Cardiac Valves by Near Infrared Raman Spectroscopy. Photomedicine and Laser Surgery, 2007, 25, 287-290.	2.0	12
72	Analysis of Raman spectroscopy data with algorithms based on paraconsistent logic for characterization of skin cancer lesions. Vibrational Spectroscopy, 2019, 103, 102929.	2.2	12

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73	Quantification of anhydrous ethanol and detection of adulterants in commercial Brazilian gasoline by Raman spectroscopy. Instrumentation Science and Technology, 2019, 47, 90-106.	1.8	11
74	Detecting active ingredients of insect repellents and sunscreens topically in skin by Raman spectroscopy. Journal of Biomedical Optics, 2018, 23, 1.	2.6	11
75	Optothermal transfer simulation in laser-irradiated human dentin. Journal of Biomedical Optics, 2003, 8, 298.	2.6	10
76	Molecular analysis of Er:YAG laser irradiation on dentin. Brazilian Dental Journal, 2006, 17, 15-19.	1.1	10
77	Fluorescence Spectroscopy for Diagnostic Differentiation in Uteriâ€™s Cervix Biopsies with Cervical/Vaginal Atypical Cytology. Journal of Fluorescence, 2008, 18, 979-985.	2.5	10
78	Raman spectroscopy for differential diagnosis of endophthalmitis and uveitis in rabbit iris in vitro. Experimental Eye Research, 2010, 91, 362-368.	2.6	10
79	Effects of Different Swimming Exercise Intensities on Bone Tissue Composition in Mice: A Raman Spectroscopy Study. Photomedicine and Laser Surgery, 2011, 29, 217-225.	2.0	10
80	Differential diagnosis between experimental endophthalmitis and uveitis in vitreous with Raman spectroscopy and principal components analysis. Journal of Photochemistry and Photobiology B: Biology, 2012, 107, 73-78.	3.8	9
81	AvaliaÃ§Ã£o do Ã¡cido lÃ¡ctico intramuscular atravÃ©s da espectroscopia Raman: novas perspectivas em medicina do esporte. Revista Brasileira De Medicina Do Esporte, 2003, 9, 388-395.	0.2	8
82	Normal-subtracted preprocessing of Raman spectra aiming to discriminate skin actinic keratosis and neoplasias from benign lesions and normal skin tissues. Lasers in Medical Science, 2020, 35, 1141-1151.	2.1	8
83	Assessment of the influence of the dose and wavelength of LLLT on the repair of cutaneous wounds. , 2003, , .		7
84	Optical Fiber Catheter with Distal End Bending Mechanism Control for Raman Biospectroscopy. Instrumentation Science and Technology, 2007, 36, 43-55.	1.8	7
85	Effect of exercise training on ventilatory efficiency in patients with heart disease: a review. Brazilian Journal of Medical and Biological Research, 2016, 49, .	1.5	7
86	Ultrastructural effects of two phthalocyanines in CHO-K1 and HeLa cells after laser irradiation. Biocell, 2003, 27, 301-9.	0.7	7
87	A synchronously pumped waveguide CH4 Raman laser at 1.54 Î¼m. Optics Communications, 1988, 65, 279-282.	2.1	6
88	Detection of Polymolecular Associations in Hydrophobized Chitosan Derivatives using Fluorescent Probes. Journal of Fluorescence, 2008, 18, 973-977.	2.5	6
89	Fluorescence and Reflectance Spectroscopy for Identification of Atherosclerosis in Human Carotid Arteries Using Principal Components Analysis. Photomedicine and Laser Surgery, 2008, 26, 329-335.	2.0	6
90	Detecting creatine excreted in the urine of swimming athletes by means of Raman spectroscopy. Lasers in Medical Science, 2020, 35, 455-464.	2.1	6

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91	Diagnostic model based on Raman spectra of normal, hyperplasia and prostate adenocarcinoma tissuesin vitro. Spectroscopy, 2011, 25, 89-102.	0.8	6
92	Optical Fiber Device and Biological Tissue Phantoms for Determination of Optical Parameters in the Nearâ€Infrared Region. Instrumentation Science and Technology, 2004, 32, 489-505.	1.8	5
93	XeCl Excimer Laser Ablation of Rabbit Tibia Bone: Morphology of the Irradiated Site and Self-Limiting Effect. Photomedicine and Laser Surgery, 2005, 23, 561-566.	2.0	5
94	Cytotoxicity of Octal-Bromide Zinc Phthalocyanine After Photodynamic Therapy with Different Light Sources. Photomedicine and Laser Surgery, 2008, 26, 455-459.	2.0	5
95	Use of dispersive Raman spectroscopy to detect the cytotoxic action of viscum album in adenocarcinoma of colon. Journal of Laser Applications, 2009, 21, 163-168.	1.7	5
96	Classification System of Raman Spectra using Cluster Analysis to Diagnose Coronary Artery Lesions. Instrumentation Science and Technology, 2009, 37, 327-344.	1.8	5
97	Catheters: instrumental advancements in biomedical applications of optical fibers. Lasers in Medical Science, 2009, 24, 621-626.	2.1	5
98	Paraconsistent Annotated Logic Algorithms Applied in Management and Control of Communication Network Routes. Sensors, 2021, 21, 4219.	3.8	5
99	Higher-stokes order Raman conversion to the near infrared: High efficiency and brightness via a capillary waveguide amplifier. Optics Communications, 1986, 60, 107-110.	2.1	4
100	Modeling and simulation of multicellular tumor growth using a nonlinear matter wave equation. Mathematical and Computer Modelling, 2005, 41, 1299-1306.	2.0	4
101	Near Infrared Raman Spectroscopy System for Real Time Monitoring of Fast Processes: A Resin Composite Photopolymerization Application. Instrumentation Science and Technology, 2007, 35, 609-617.	1.8	4
102	Metabolic and cardiorespiratory parameter analysis of young female adults during horseback riding at a walking gait. Isokinetics and Exercise Science, 2008, 16, 263-267.	0.4	4
103	ProRaman: a program to classify Raman spectra. Analyst, The, 2009, 134, 1203.	3.5	4
104	Dispersive Raman spectroscopy for the invitroidentification and quantification of injected vancomycin intra-vitreous. Spectroscopy, 2011, 25, 103-112.	0.8	4
105	Raman Spectroscopy: New Perspectives for Its Clinical Application in Diagnosis. Photomedicine and Laser Surgery, 2013, 31, 463-465.	2.0	4
106	Could the bone mineral density (T-score) be correlated with the Raman spectral features of keratin from womenâ€™s nails and be used to predict osteoporosis?. Lasers in Medical Science, 2015, 30, 287-294.	2.1	4
107	Analysis of Human Tooth Pulp Chamber Temperature After 670â€‰nm Laser Irradiation: In Vitro Study. Photomedicine and Laser Surgery, 2017, 35, 515-519.	2.0	4
108	Multivariate Method Based on Raman Spectroscopy for Quantification of Dipyrone in Oral Solutions. Journal of Spectroscopy, 2018, 2018, 1-10.	1.3	4

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109	Diagnosing basal cell carcinoma in vivo by near-infrared Raman spectroscopy: a Principal Components Analysis discrimination algorithm. , 2012, , .		3
110	Intercalation of Bi2Sr2CaCu2O8+Î´single crystal with C60: Characterization and micro-Raman investigation. Journal of Applied Physics, 1997, 81, 2400-2405.	2.5	2
111	Photodynamic diagnostic in atherosclerotic artery wall of rabbits. , 2001, 4244, 434.		2
112	Effect of low-power laser therapy on edema dynamics: sensing by using the electrical capacitance method. , 2004, 5319, 355.		2
113	Structural Evaluation of Mechanically Alloyed Ti-Nb Powders. Materials Science Forum, 2008, 591-593, 141-146.	0.3	2
114	Analysis of the alteration in the optical configuration of Raman spectrometer: Optimization of signal-to-noise ratio (SNR) in a specific wavelength range of clinical interest. Spectroscopy, 2008, 22, 467-474.	0.8	2
115	Raman spectroscopy for the identification of differences in the composition of automobile lubricant oils related to SAE specifications and additives. Instrumentation Science and Technology, 2021, 49, 164-181.	1.8	2
116	Catheter with dielectric optical filter deposited upon the fiber optic end for Ramanin vivobiospectroscopy applications. Spectroscopy, 2008, 22, 459-466.	0.8	2
117	<title>Effects of acid and laser treatments on dentin nanocrystals</title>. , 2001, 4249, 115.		1
118	Analysis of the picosecond magneto-optical phenomena in scattering media of biological interest. Physics in Medicine and Biology, 2002, 47, 1519-1534.	3.0	1
119	<title>The effect of low-intensity laser therapy on wound healing in Streptozotocin-induced diabetic rats</title>. , 2004, , .		1
120	<title>Near-infrared Raman spectroscopy to detect the calcification of the annular mitral valve</title>. , 2004, , .		1
121	Study of normal, fibrous and calcified aortic valve tissue by Raman and reflectance spectroscopy. , 2007, 6424, 280.		1
122	A Novel Opto-Mechanical System Coupled to a Spectrophotometer for Measuring Coatings on Small Size Substrates and Optical Fiber Filters. Instrumentation Science and Technology, 2009, 37, 544-556.	1.8	1
123	Could Raman spectroscopy discriminate the biochemical alterations among prostate carcinoma and benign prostate tissues? An in vitro study. , 2012, , .		1
124	Temperature-Induced Chemical Changes in Lubricant Automotive Oils Evaluated Using Raman Spectroscopy. Applied Spectroscopy, 2021, 75, 145-155.	2.2	1
125	Diagnosis of atherosclerosis in human carotid artery by FT-Raman spectroscopy: Principal Components Analysis algorithm. , 2004, , .		1
126	Automated diagnosis and treatment by lasers employing Raman spectroscopy and catheter with optical fibers. Spectroscopy, 2011, 25, 147-154.	0.8	1

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127	Radiative and nonradiative recombination times in semiconducting films. Optical and Quantum Electronics, 1982, 14, 331-338.	3.3	0
128	Light-absorption-induced heating causes altered surface reflectance of an oblique laser probe beam to achieve high signal-to-noise in a laser absorption spectrometer prism device. , 1992, 1646, 410.		0
129	<title>Optical characterization of optical fiber submitted to radial strength</title>. , 1995, , .		0
130	<title>Distribution of protoporphyrin IX (PPIX) induced by aminolevulinic acid (5-ALA) in the skin and liver of rats</title>. , 1999, , .		0
131	Enlargement of the apical gap after laser root resection. , 2000, , .		0
132	Observation of visible photons during infrared irradiation of bovine liver in the nonablative regime. , 2000, , .		0
133	Er:YAG and Nd:YAG laser irradiation effect on dental root cut: a SEM analysis. , 2000, 4161, 80.		0
134	<title>Fluorescence in iliac artery wall of rabbit induced by AlPc</title>. , 2000, , .		0
135	Picosecond magneto-optical phenomena in scattering media: toward a new method for biological tissue characterization. , 2001, , .		0
136	<title>Comparative study of Al- and Zn-phthalocyanine uptake in rabbit iliac artery by transadvantitial measurements of induced fluorescence</title>. , 2001, , .		0
137	In-vitro study of the conventional and laser apicoectomy effects on dentin permeability. , 2001, , .		0
138	Depth of dentin modification induced by Nd:YAG laser irradiation. , 2001, 4433, 61.		0
139	Effect of pulsed Nd:YAG on dentin morphological changes. , 2002, , .		0
140	Mathematical simulation of the thermal diffusion in dentine irradiated with Nd:YAG laser using finite difference method. , 2002, 4610, 67.		0
141	Time-resolved measurements of sodium emission in the plume generated by laser ablation of myocardium tissue. , 2004, , .		0
142	<title>Raman study of human dentin irradiated with Er:YAG laser</title>. , 2004, , .		0
143	Comparison between the fluorescence spectroscopy and the125I albumin-labeling technique for the study of skin edema dynamics. , 2004, 5326, 113.		0
144	A scattered-light-based system for the probe beam monitoring of laser ablation dynamic. , 2004, , .		0

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145	Er:YAG laser irradiation of human dentin: Raman study of collagen. , 2004, , .		0
146	Preparation of Nb-40Ti Powders by High-Energy Milling. Materials Science Forum, 2005, 498-499, 146-151.	0.3	0
147	Analysis of colon tumors in rats by near-infrared Raman spectroscopy. , 2007, 6427, 245.		0
148	Thermal -lens study of thermo-optical properties of CdSe/ZnS quantum dots embedded into PMMA matrix. , 2007, 6481, 18.		0
149	Classification Model for Skin Cancer Diagnosis in Vitro Using Raman Spectroscopy. , 2010, , .		0
150	Diagnostic Model for Differentiating Human Malignant Prostate Lesion from Normal Tissue in Vitro by Raman Spectroscopy. , 2010, , .		0
151	Discriminating model for skin cancer diagnosisin vivothrough Raman spectroscopy. , 2013, , .		0
152	Could the differences in the biochemistry of prostate carcinoma compared to benign prostate tissue biopsy fragments be evaluated through Raman spectroscopy?. Proceedings of SPIE, 2013, , .	0.8	0
153	Identification of Metabolites in Urine of Physical Exercise Practitioners by Raman Spectroscopy. IFMBE Proceedings, 2019, , 821-824.	0.3	0
154	PDD applied in the dog transmissible venereal tumor. , 2003, , .		0
155	Low-threshold operation of a waveguide CH4 Raman laser at 1.54 Î¼m. IEE Proceedings, Part J: Optoelectronics, 1987, 134, 187.	0.4	0
156	DiscriminaÃ§Ã£o entre gasolinas comum e adulterada por tÃ©cnica de espectroscopia Raman e anÃ¡lise de componente principal (PCA) e lÃ³gica paraconsistente anotada (LPA) / Discrimination between regular and adulterated gasoline by Raman spectroscopy technique and principal component analysis (PCA) and paraconsistent annotated logic (PLE). Brazilian Journal of Development, 2022, 8, 390-410.	0.1	0
157	A AnÃ¡lise de VibraÃ§Ã£o em TubulaÃ§Ãµes de Processo e o Emprego de Diretrizes Normativas na PrevenÃ§Ã£o de Falha por Fadiga Associada a FIV: Estudo de Caso / The Analysis of Vibration in Process Piping and the Use of Normative Guidelines in the Prevention of Failure due to Fatigue Associated with FIV: A Case Study. Brazilian Journal of Development, 2022, 8, 10830-10837.	0.1	0