Adriana Barrinha Fernandes

List of Publications by Year
in descending order

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32 papers	477 citations	759233 12 h-index	713466 21 g-index
34 all docs	34 docs citations	34 times ranked	621 citing authors

#	Article	IF	Citations
1	Correlating the amount of urea, creatinine, and glucose in urine from patients with diabetes mellitus and hypertension with the risk of developing renal lesions by means of Raman spectroscopy and principal component analysis. Journal of Biomedical Optics, 2013, 18, 087004.	2.6	76
2	Quantifying creatinine and urea in human urine through Raman spectroscopy aiming at diagnosis of kidney disease. Journal of Biomedical Optics, 2016, 21, 037001.	2.6	67
3	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
4	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
5	Photobiomodulation: Shining Light on COVID-19. Photobiomodulation, Photomedicine, and Laser Surgery, 2020, 38, 395-397.	1.4	25
6	Detecting alterations of glucose and lipid components in human serum by near-infrared Raman spectroscopy. Research on Biomedical Engineering, 2015, 31, 160-168.	2.2	24
7	Use of photodynamic therapy in the treatment of bovine subclinical mastitis. Photodiagnosis and Photodynamic Therapy, 2018, 21, 246-251.	2.6	22
8	Estimating the concentration of urea and creatinine in the human serum of normal and dialysis patients through Raman spectroscopy. Lasers in Medical Science, 2016, 31, 1415-1423.	2.1	20
9	Effect of light-emitting diode (ÊŽ 627Ânm and 945Ânm ÊŽ) treatment on first intention healing: Immunohistochemical analysis. Lasers in Medical Science, 2015, 30, 397-401.	2.1	19
10	Raman spectroscopy for a rapid diagnosis of sickle cell disease in human blood samples: a preliminary study. Lasers in Medical Science, 2015, 30, 247-253.	2.1	18
11	Use of Ozonated Water for Disinfecting Gastrointestinal Endoscopes. Ozone: Science and Engineering, 2016, 38, 346-351.	2.5	17
12	Discrimination model applied to urinalysis of patients with diabetes and hypertension aiming at diagnosis of chronic kidney disease by Raman spectroscopy. Lasers in Medical Science, 2017, 32, 1605-1613.	2.1	15
13	Comparative Analysis of Ozone and Ultrasound Effect on the Elimination ofGiardia spp.Cysts from Wastewater. Ozone: Science and Engineering, 2014, 36, 138-143.	2.5	14
14	Disinfection of Dental Instruments Contaminated withStreptococcus mutansUsing Ozonated Water Alone or Combined with Ultrasound. Ozone: Science and Engineering, 2015, 37, 85-89.	2.5	14
15	Diagnosing sickle cell disease and iron deficiency anemia in human blood by Raman spectroscopy. Lasers in Medical Science, 2020, 35, 1065-1074.	2.1	14
16	Analytical performance of Raman spectroscopy in assaying biochemical components in human serum. Lasers in Medical Science, 2022, 37, 287-298.	2.1	12
17	Association of Ang-(1â€“7) and des-Arg9BK as new biomarkers of obesity and cardiometabolic risk factors in adolescents. Hypertension Research, 2021, 44, 969-977.	2.7	10
18	Effect of Ozone as Acaricide: Action of the Ozone on the Cuticle and Respiratory Spiracle of TickRhipicephalus sanguineussensu lato. Ozone: Science and Engineering, 2018, 40, 183-190.	2.5	7

#	Article	IF	Citations
19	LED phototherapy in full-thickness burns induced by CO2 laser in rats skin. Lasers in Medical Science, 2018, 33, 1537-1547.	2.1	6
20	Preliminary Study: Comparative Analysis of the Effects of Ozone and Ultrasound on Streptococcus Mutans. Ozone: Science and Engineering, 2021, 43, 263-275.	2.5	6
21	Ozonation of Bovine Peritoneal Membrane for Preservation: Preliminary Investigation. Ozone: Science and Engineering, 2022, 44, 587-592.	2.5	5
22	Identification and quantification of Î²-caryophyllene in copaiba oil using Raman spectroscopy. Instrumentation Science and Technology, 2018, 46, 265-276.	1.8	4
23	Influence of neural mobilization in the sympathetic slump position on the behavior of the autonomic nervous system. Research on Biomedical Engineering, 2018, 34, 329-336.	2.2	3
24	Analysis of Damage on theStreptococcus mutansImmersed in Ozonated Water: Preliminary Study for Application as Mouth Rinse. Ozone: Science and Engineering, 2019, 41, 242-249.	2.5	3
25	Systemic Effects of Photobiomodulation on Blood Components in the Treatment of Community-Acquired Pneumonia. Photobiomodulation, Photomedicine, and Laser Surgery, 2022, 40, 51-58.	1.4	3
26	Analysis of pain relief and functional recovery in patients with rotator cuff tendinopathy through therapeutic ultrasound and photobiomodulation therapy: a comparative study. Lasers in Medical Science, 2022, 37, 3155-3167.	2.1	3
27	Effect of Ozone on EngorgedRhipicephalus microplus(Acari: Ixodidae) Females During the Pre-Laying Period. Ozone: Science and Engineering, 2019, 41, 286-293.	2.5	2
28	Inactivation of Staphylococcus aureus in Surgical Needles by Exposure to Ozone Gas and Low Pressure. Ozone: Science and Engineering, 2023, 45, 19-27.	2.5	2
29	Biomarkers of chronic kidney disease in the urine of diabetic/hypertensive patients by means of Raman spectroscopy. , 2016, , .		0
30	Diagnosing Iron Deficiency Anemia by Raman Spectroscopy Analysis. IFMBE Proceedings, 2019, , 785-789.	0.3	0
31	AvaliaÃ§Ã£o do uso da contracepÃ§Ã£o de emergÃªncia em bairros da periferia do estado de SÃ£o Paulo. Research, Society and Development, 2021, 10, e34101522409.	0.1	0
32	Mass transfer of ozone-bloodâ€"venturi use and influences on hematological parameters. Research on Biomedical Engineering, 0, , .	2.2	0