Davi Oliveira

List of Publications by Year
in descending order

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20 papers	158 citations	1307594 7 h-index	1199594 12 g-index
20 all docs	20 docs citations	20 times ranked	155 citing authors

#	Article	IF	Citations
1	Gamma transmission system for detection of scale in oil exploration pipelines. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 784, 616-620.	1.6	29
2	X-ray imaging inspection of fiberglass reinforced by epoxy composite. Nuclear Instruments & Methods in Physics Research B, 2015, 349, 184-191.	1.4	21
3	Archeological ceramic artifacts characterization through computed microtomography and <scp>X</scp>â€ray fluorescence. X-Ray Spectrometry, 2017, 46, 427-434.	1.4	21
4	Characterization of scale deposition in oil pipelines through X-Ray Microfluorescence and X-Ray microtomography. Applied Radiation and Isotopes, 2019, 151, 247-255.	1.5	15
5	Analysis of metallic archaeological artifacts by x-ray computed microtomography technique. Applied Radiation and Isotopes, 2019, 151, 274-279.	1.5	13
6	Analysis of milk trace elements with a home-made portable automated total reflection x-ray fluorescence system. Radiation Physics and Chemistry, 2019, 156, 216-221.	2.8	11
7	Characterization of a sacred statuette replica of â€œNossa Senhora da ConceiÃ§Ã£o Aparecidaâ€•using X-ray spectrometry techniques. Radiation Physics and Chemistry, 2020, 167, 108266.	2.8	7
8	Development and characterization of a portable CT system for wooden sculptures analysis. Radiation Physics and Chemistry, 2022, 200, 110409.	2.8	7
9	Utilization of nondestructive techniques for analysis of the Martian meteorite <scp>NWA</scp> 6963 and its implications for astrobiology. X-Ray Spectrometry, 2018, 47, 86-91.	1.4	6
10	X-ray microtomography system for small and light samples using a flat panel detector. Review of Scientific Instruments, 2017, 88, 105112.	1.3	5
11	Analysis of two meteorite fragments (lunar and martian) using X-Ray microfluorescence and X-Ray computed microtomography techniques. Applied Radiation and Isotopes, 2019, 152, 156-161.	1.5	5
12	Visualization method for radiographic films through silver intensity mapping using Xâ€ray fluorescence. X-Ray Spectrometry, 2017, 46, 361-366.	1.4	4
13	Evaluation of the structural characteristics and the fading effects of image plates. X-Ray Spectrometry, 2019, 48, 375-381.	1.4	4
14	Probing the chemical and mineralogical characteristics of the Martian meteorite NWA 7397 through Î¼Raman and Î¼XRF non-destructively. International Journal of Astrobiology, 2019, 18, 73-78.	1.6	4
15	Crude oil analysis by Xâ€ray scattering technique. X-Ray Spectrometry, 2019, 48, 195-201.	1.4	3
16	Micro X-ray fluorescence elemental analysis of spheroid cultures of human neuroblastoma cells. Radiation Physics and Chemistry, 2020, 167, 108190.	2.8	2
17	Annulus flooding detection system in flexible pipes using gamma rays transmission technique. Applied Radiation and Isotopes, 2022, 184, 110177.	1.5	1
18	Sensitometric curve of radiographic films by X-ray fluorescence. Journal of Physics: Conference Series, 2018, 975, 012037.	0.4	0

#	Article	IF	Citations
19	Characterization of carbonate rocks through Xâ€ray microfluorescence and Xâ€ray computed microtomography. X-Ray Spectrometry, 2019, 48, 543.	1.4	0
20	Adapted use of fluorescence map in commercial equipment for characteristic x-ray transmittance measurements. Measurement: Sensors, 2021, 18, 100337.	1.7	0