

DevÃ's Guillaume

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

317
citations

933264

10
h-index

839398

18
g-index

19
all docs

19
docs citations

19
times ranked

474
citing authors

#	ARTICLE	IF	CITATIONS
1	X-ray photons produced from a plasma-cathode electron beam for radiation biology applications. Applied Physics Letters, 2021, 118, 044102.	1.5	1
2	An implementation of the NiftyRec medical imaging library for PIXE-tomography reconstruction. Nuclear Instruments & Methods in Physics Research B, 2017, 404, 131-139.	0.6	4
3	Quantitative reconstruction of PIXE-tomography data for thin samples using GUPIX X-ray emission yields. Nuclear Instruments & Methods in Physics Research B, 2015, 348, 92-99.	0.6	12
4	A comparison of quantitative reconstruction techniques for PIXE-tomography analysis applied to biological samples. Nuclear Instruments & Methods in Physics Research B, 2014, 331, 248-252.	0.6	12
5	Micro-chemical imaging of Cesium distribution in Arabidopsis thaliana plant and its interaction with potassium and essential trace elements. Biochimie, 2006, 88, 1583-1590.	1.3	69
6	An interdisciplinary approach to investigate the impact of Cobalt in human keratinocyte cell line. Biochimie, 2006, 88, 1619-1629.	1.3	18
7	Three-dimensional densitometry imaging of diatom cells using STIM tomography. Nuclear Instruments & Methods in Physics Research B, 2006, 249, 653-659.	0.6	15
8	Characterization of Si p-n diode for scanning transmission ion microanalysis of biological samples. Review of Scientific Instruments, 2006, 77, 056102.	0.6	10
9	Paparamborde: a software dedicated to quantitative mapping of biological samples using scanning transmission ion microscopy. Nuclear Instruments & Methods in Physics Research B, 2005, 231, 136-141.	0.6	5
10	Fully quantitative imaging of chemical elements in Arabidopsis thaliana tissues using STIM, PIXE and RBS. Nuclear Instruments & Methods in Physics Research B, 2005, 231, 117-122.	0.6	10
11	Calcium, potassium, iron, copper and zinc concentrations in the white and gray matter of the cerebellum and corpus callosum in brain of four genetic mouse strains. Nuclear Instruments & Methods in Physics Research B, 2005, 231, 234-238.	0.6	11
12	Nuclear microprobe determination of platinum quantitative distribution in rat brain tumors after cisplatin or carboplatin injection for PAT treatment of glioma. Nuclear Instruments & Methods in Physics Research B, 2005, 231, 321-325.	0.6	10
13	Iron, transferrin and myelinogenesis. Nuclear Instruments & Methods in Physics Research B, 2003, 210, 349-353.	0.6	1
14	Comparison of STIM and particle backscattering spectrometry mass determination for quantitative microanalysis of cultured cells. Nuclear Instruments & Methods in Physics Research B, 2001, 181, 460-464.	0.6	7
15	In-air scanning transmission ion microscopy of cultured cancer cells. Nuclear Instruments & Methods in Physics Research B, 2001, 181, 475-479.	0.6	13
16	Iron distribution in cancer cells following doxorubicin exposure using proton and X-ray synchrotron radiation microprobes. Nuclear Instruments & Methods in Physics Research B, 2001, 181, 480-484.	0.6	13
17	Chromium mapping in male mice reproductive glands exposed to CrCl ₃ using proton and X-ray synchrotron radiation microbeams. Nuclear Instruments & Methods in Physics Research B, 2001, 181, 485-488.	0.6	12
18	Iron and other elements (Cu, Zn, Ca) contents in retina of rats during development and hereditary retinal degeneration. Nuclear Instruments & Methods in Physics Research B, 2001, 181, 533-538.	0.6	9

#	ARTICLE	IF	CITATIONS
19	Synchrotron hard x-ray microprobe: Fluorescence imaging of single cells. Applied Physics Letters, 2001, 78, 3544-3546.	1.5	85