

Etienne Bres

List of Publications by Year in descending order

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22
papers

1,478
citations

471061

17
h-index

794141

19
g-index

22
all docs

22
docs citations

22
times ranked

1993
citing authors

#	ARTICLE	IF	CITATIONS
1	Modification of hydroxyapatite surface properties by electron irradiation. Radiation Physics and Chemistry, 2020, 177, 109192.	1.4	4
2	XRD and FTIR crystallinity indices in sound human tooth enamel and synthetic hydroxyapatite. Materials Science and Engineering C, 2013, 33, 4568-4574.	3.8	160
3	Crystallographic structure of human tooth enamel by electron microscopy and x-ray diffraction: hexagonal or monoclinic?. Journal of Microscopy, 2012, 248, 102-109.	0.8	35
4	Electron beam interaction, damage and reconstruction of hydroxyapatite. Physica B: Condensed Matter, 2009, 404, 1867-1873.	1.3	25
5	STEM-HAADF electron microscopy analysis of the central dark line defect of human tooth enamel crystallites. Journal of Materials Science: Materials in Medicine, 2008, 19, 877-882.	1.7	17
6	Investigations on crystalline interface within a molecular composite crystal by microscopic techniques. Journal of Materials Chemistry, 2007, 17, 1559-1562.	6.7	31
7	Human Tooth Enamel: A Raman Polarized Approach. Applied Spectroscopy, 2002, 56, 1030-1034.	1.2	48
8	Structure and Substitutions in Fluorapatite. , 2001, 2, 36-48.		84
9	MicroRaman Spectral Study of the PO ₄ and CO ₃ Vibrational Modes in Synthetic and Biological Apatites. Calcified Tissue International, 1998, 63, 475-481.	1.5	549
10	New Preparation Method of Bone Samples for Raman Microspectrometry. Applied Spectroscopy, 1998, 52, 312-313.	1.2	31
11	Infrared and Raman microspectrometry study of fluor-fluor-hydroxy and hydroxy-apatite powders. Journal of Materials Science: Materials in Medicine, 1997, 8, 271-276.	1.7	158
12	High resolution electron microscopy study of amorphous calcium phosphate. Journal of Crystal Growth, 1993, 129, 149-162.	0.7	22
13	HREM study of irradiation damage in human dental enamel crystals. Ultramicroscopy, 1991, 35, 305-322.	0.8	48
14	Adsorption/desorption of human serum albumin on hydroxyapatite: a critical analysis of the Langmuir model.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 5557-5561.	3.3	72
15	High-resolution electron microscopy of human enamel crystals. Journal of Microscopy, 1990, 160, 183-201.	0.8	24
16	Adsorption kinetics of human plasma albumin on negatively charged hydroxyapatites. Surface charge effects. Colloids and Surfaces, 1989, 40, 293-305.	0.9	36
17	Adsorption of human albumin onto hydroxyapatite. Static and dynamic studies. Colloids and Surfaces, 1988, 32, 159-171.	0.9	34
18	Transmission electron microscopy of lattice planes in human alveolar bone apatite crystals. Calcified Tissue International, 1987, 40, 332-338.	1.5	49

#	ARTICLE	IF	CITATIONS
19	Theoretical detection of a dark contrast line in twinned apatite bicrystals and its possible correlation with the chemical properties of human dentin and enamel crystals. Biophysical Journal, 1986, 50, 1185-1193.	0.2	21
20	A structural basis for the carious dissolution of the apatite crystals of human tooth enamel. Ultramicroscopy, 1983, 12, 367-371.	0.8	29
21	<title>Measurements Of Electron Microscope Image Content For Biomedical Applications Through A Digital-Optical Process</title>. , 1981, 0310, 213.		0
22	<title>Application of Laser Engineering to Industrial Measurement of Commercialized Diamonds</title>. , 1980, , .		1