

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	MicroRaman Spectral Study of the PO ₄ and CO ₃ Vibrational Modes in Synthetic and Biological Apatites. <i>Calcified Tissue International</i> , 1998, 63, 475-481.	1.5	549
2	XRD and FTIR crystallinity indices in sound human tooth enamel and synthetic hydroxyapatite. <i>Materials Science and Engineering C</i> , 2013, 33, 4568-4574.	3.8	160
3	Infrared and Raman microspectrometry study of fluor-fluor-hydroxy and hydroxy-apatite powders. <i>Journal of Materials Science: Materials in Medicine</i> , 1997, 8, 271-276.	1.7	158
4	Structure and Substitutions in Fluorapatite. , 2001, 2, 36-48.		84
5	Adsorption/desorption of human serum albumin on hydroxyapatite: a critical analysis of the Langmuir model.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 5557-5561.	3.3	72
6	Transmission electron microscopy of lattice planes in human alveolar bone apatite crystals. <i>Calcified Tissue International</i> , 1987, 40, 332-338.	1.5	49
7	HREM study of irradiation damage in human dental enamel crystals. <i>Ultramicroscopy</i> , 1991, 35, 305-322.	0.8	48
8	Human Tooth Enamel: A Raman Polarized Approach. <i>Applied Spectroscopy</i> , 2002, 56, 1030-1034.	1.2	48
9	Adsorption kinetics of human plasma albumin on negatively charged hydroxyapatites. Surface charge effects. <i>Colloids and Surfaces</i> , 1989, 40, 293-305.	0.9	36
10	Crystallographic structure of human tooth enamel by electron microscopy and x-ray diffraction: hexagonal or monoclinic?. <i>Journal of Microscopy</i> , 2012, 248, 102-109.	0.8	35
11	Adsorption of human albumin onto hydroxyapatite. Static and dynamic studies. <i>Colloids and Surfaces</i> , 1988, 32, 159-171.	0.9	34
12	New Preparation Method of Bone Samples for Raman Microspectrometry. <i>Applied Spectroscopy</i> , 1998, 52, 312-313.	1.2	31
13	Investigations on crystalline interface within a molecular composite crystal by microscopic techniques. <i>Journal of Materials Chemistry</i> , 2007, 17, 1559-1562.	6.7	31
14	A structural basis for the carious dissolution of the apatite crystals of human tooth enamel. <i>Ultramicroscopy</i> , 1983, 12, 367-371.	0.8	29
15	Electron beam interaction, damage and reconstruction of hydroxyapatite. <i>Physica B: Condensed Matter</i> , 2009, 404, 1867-1873.	1.3	25
16	High-resolution electron microscopy of human enamel crystals. <i>Journal of Microscopy</i> , 1990, 160, 183-201.	0.8	24
17	High resolution electron microscopy study of amorphous calcium phosphate. <i>Journal of Crystal Growth</i> , 1993, 129, 149-162.	0.7	22
18	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. <i>Biophysical Journal</i> , 1986, 50, 1185-1193.	0.2	21

#	ARTICLE	IF	CITATIONS
19	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
20	Modification of hydroxyapatite surface properties by electron irradiation. Radiation Physics and Chemistry, 2020, 177, 109192.	1.4	4
21	<title>Application of Laser Engineering to Industrial Measurement of Commercialized Diamonds</title>. , 1980, , .		1
22	<title>Measurements Of Electron Microscope Image Content For Biomedical Applications Through A Digital-Optical Process</title>. , 1981, 0310, 213.		0