

Fabrice Om Gaslain

List of Publications by Year in descending order

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35
papers

544
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758635

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docs citations

37
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812
citing authors

#	ARTICLE	IF	CITATIONS
1	Principal image decomposition for multi-detector backscatter electron topography reconstruction. <i>Ultramicroscopy</i> , 2021, 227, 113200.	0.8	3
2	2D characterization at submicron scale of crack propagation of 17-4PH parts produced by Atomic Diffusion Additive Manufacturing (ADAM) process. <i>Procedia Structural Integrity</i> , 2021, 34, 13-19.	0.3	1
3	Revisiting the identification of commercial and historical green earth pigments. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 584, 124035.	2.3	22
4	On the effect of a thermal treatment on the tensile and fatigue properties of weak zones of similar Ti17 linear friction welded joints and parent material. <i>Materials Characterization</i> , 2020, 169, 110570.	1.9	13
5	Hydrogel-Tissue Adhesion Using Blood Coagulation Induced by Silica Nanoparticle Coatings. <i>ACS Applied Bio Materials</i> , 2020, 3, 8808-8819.	2.3	10
6	Modulating the structure of organofunctionalized hydroxyapatite/tripolyphosphate/chitosan spheres for dye removal. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103980.	3.3	19
7	Three-Dimensional Characterization of Cracks in a Columnar Thermal Barrier Coating System for Gas Turbine Applications. <i>Integrating Materials and Manufacturing Innovation</i> , 2019, 8, 400-412.	1.2	1
8	Confinement and Time Immemorial: Prebiotic Synthesis of Nucleotides on a Porous Mineral Nanoreactor. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 4192-4196.	2.1	6
9	Local microstructural characterization of an aged UR45N rolled steel: Application of the nanogauges grating coupled EBSD technique. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 759, 537-551.	2.6	4
10	Morphological and Chemical Characterization of Laser Treated Surface on Copper. <i>Key Engineering Materials</i> , 2019, 813, 254-260.	0.4	1
11	Investigation of nanoscale strains at the austenitic stainless steel 316L surface: Coupling between nanogauges gratings and EBSD technique during in situ tensile test. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 740-741, 315-335.	2.6	10
12	Intergranular Oxidation of Nickel-Base Alloys: Potentialities of Focused Ion Beam Tomography. <i>Oxidation of Metals</i> , 2017, 88, 447-457.	1.0	10
13	Multiscale Experimental and Numerical Approach to the Powder Particle Shape Effect on Al-Al ₂ O ₃ Coating Build-Up. <i>Journal of Thermal Spray Technology</i> , 2017, 26, 1445-1460.	1.6	11
14	The role of intergranular chromium carbides on intergranular oxidation of nickel based alloys in pressurized water reactors primary water. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016, 109, 012004.	0.3	2
15	Rumpling of nickel aluminide coatings: a reassessment of respective influence of thermal grown oxide and phase transformations. <i>Materials at High Temperatures</i> , 2016, 33, 318-324.	0.5	7
16	Experimental and thermodynamic analysis of differences in phase transformation of Pt-modified nickel aluminide coating during isothermal and cyclic oxidation. <i>Surface and Coatings Technology</i> , 2016, 307, 915-925.	2.2	4
17	Red 33 dye co-encapsulated with cetyltrimethylammonium in mesoporous silica materials. <i>Dyes and Pigments</i> , 2016, 127, 1-8.	2.0	5
18	Melanin Polymerization Held in Check: A Composite of Dihydroxyphenylalanine with Zeolite Beta. <i>Journal of Physical Chemistry C</i> , 2015, 119, 8736-8747.	1.5	13

#	ARTICLE	IF	CITATIONS
19	Structure and Sorption Properties of a Zeolite-Templated Carbon with the EMT Structure Type. Langmuir, 2014, 30, 297-307.	1.6	24
20	Direct grafting of ethylene sulfide onto silicic acid magadiite. Microporous and Mesoporous Materials, 2014, 196, 292-299.	2.2	12
21	TEM investigations on the effect of chromium content and of stress relief treatment on precipitation in Alloy 82. Journal of Nuclear Materials, 2013, 442, 262-269.	1.3	10
22	Organically Modified Ordered Mesoporous Siliceous Solids. , 2009, , 283-308.		10
23	Rapid and Direct Synthesis of Spherical Organotalc. Clays and Clay Minerals, 2009, 57, 35-39.	0.6	9
24	One-step preparation of thiol-modified mesoporous silica spheres with various functionalization levels and different pore structures. Journal of Sol-Gel Science and Technology, 2009, 49, 112-124.	1.1	40
25	Effect of the zeolite crystal size on the structure and properties of carbon replicas made by a nanocasting process. Carbon, 2009, 47, 1066-1073.	5.4	26
26	Factors affecting the reactivity of thiol-functionalized mesoporous silica adsorbents toward mercury(II). Talanta, 2009, 79, 877-886.	2.9	72
27	Synthesis of dithiocarbamate-functionalized mesoporous silica-based materials: interest of one-step grafting. New Journal of Chemistry, 2009, 33, 528-537.	1.4	15
28	Control of framework stoichiometry in MeGaPO laumontites using 1-methylimidazole as structure-directing agent. Microporous and Mesoporous Materials, 2008, 112, 368-376.	2.2	5
29	Study of mercury(II) binding to thiol-modified ordered mesoporous silicas by analytical and electrochemical analyses: influence of the pore structure and the functionalization process. Studies in Surface Science and Catalysis, 2007, 165, 417-420.	1.5	4
30	<i>catena</i> -Poly[bis(ethane-1,2-diammonium) [manganese(II)-di-1/4-phosphato- μ_4 - μ_3 -O]O]: a one-dimensional manganese phosphate. Acta Crystallographica Section C: Crystal Structure Communications, 2007, 63, m537-m540.		1
31	First zeolite carbon replica with a well resolved X-ray diffraction pattern. Chemical Communications, 2006, , 991.	2.2	92
32	Synthesis and crystal structure of a 3-D zinc phosphate, [C ₅ N ₂ H ₁₄][Zn ₂ (PO ₃ (OH)) ₃], containing (4.8) net sheets. Comptes Rendus Chimie, 2005, 8, 521-529.	0.2	7
33	Synthesis, structure and magnetic characterisation of a new layered ammonium manganese(ii) diphosphate hydrate, (NH ₄) ₂ [Mn ₃ (P ₂ O ₇) ₂ (H ₂ O) ₂] Electronic supplementary information (ESI) available: powder XRD data, atomic coordinates and thermal parameters, IR data, bond valence calculations, TGA. See http://www.rsc.org/suppdata/im/b3/b304003h/ . Journal of Materials Chemistry, 2003, 13, 1950.	6.7	32
34	Title is missing!. Journal of Materials Chemistry, 2001, 11, 3172-3179.	6.7	27
35	Rapid synthesis of hybrid fluorides by microwave heating. Journal of Fluorine Chemistry, 2000, 101, 161-163.	0.9	16