

Eleonore Welcomme

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

689
citations

840776

11
h-index

839539

18
g-index

22
all docs

22
docs citations

22
times ranked

898
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing the structure of heterogeneous diluted materials by diffraction tomography. <i>Nature Materials</i> , 2008, 7, 468-472.	27.5	200
2	Early Use of PbS Nanotechnology for an Ancient Hair Dyeing Formula. <i>Nano Letters</i> , 2006, 6, 2215-2219.	9.1	141
3	Classification of lead white pigments using synchrotron radiation micro X-ray diffraction. <i>Applied Physics A: Materials Science and Processing</i> , 2007, 89, 825-832.	2.3	75
4	Synchrotron-Based X-ray Spectromicroscopy Used for the Study of an Atypical Micrometric Pigment in 16th Century Paintings. <i>Analytical Chemistry</i> , 2007, 79, 6988-6994.	6.5	56
5	Investigation of white pigments used as make-up during the Greco-Roman period. <i>Applied Physics A: Materials Science and Processing</i> , 2006, 83, 551-556.	2.3	47
6	U ²³⁵ -Mo/Al-Si interaction: Influence of Si concentration. <i>Journal of Nuclear Materials</i> , 2010, 399, 189-199.	2.7	30
7	Hard X-ray diffraction scanning tomography with sub-micrometre spatial resolution: application to an annealed ²³⁵ U _{0.85} Mo _{0.15} particle. <i>Journal of Applied Crystallography</i> , 2011, 44, 1111-1119.	4.5	26
8	Multiparametric Study of the Synthesis of ThSiO ₄ under Hydrothermal Conditions. <i>Inorganic Chemistry</i> , 2018, 57, 9393-9402.	4.0	19
9	Preparation of CeSiO ₄ from aqueous precursors under soft hydrothermal conditions. <i>Dalton Transactions</i> , 2019, 48, 7551-7559.	3.3	14
10	Oxidation as an Early Stage in the Multistep Thermal Decomposition of Uranium(IV) Oxalate into U ₃ O ₈ . <i>Inorganic Chemistry</i> , 2020, 59, 8589-8602.	4.0	14
11	Formation of CeSiO ₄ from cerium(III) silicate precursors. <i>Dalton Transactions</i> , 2019, 48, 10455-10463.	3.3	13
12	Impact of Carbonate Ions on the Synthesis of ThSiO ₄ under Hydrothermal Conditions. <i>Inorganic Chemistry</i> , 2018, 57, 12398-12408.	4.0	11
13	Soft Hydrothermal Synthesis of Hafnon, HfSiO ₄ . <i>Crystal Growth and Design</i> , 2020, 20, 1820-1828.	3.0	11
14	The formation of PuSiO ₄ under hydrothermal conditions. <i>Dalton Transactions</i> , 2020, 49, 6434-6445.	3.3	11
15	Actinide mixed oxide conversion by advanced thermal denitration route. <i>Journal of Nuclear Materials</i> , 2019, 519, 157-165.	2.7	7
16	<i>In situ</i> study of the synthesis of thorite (ThSiO ₄) under environmental representative conditions. <i>Dalton Transactions</i> , 2020, 49, 11512-11521.	3.3	7
17	Formation of plutonium(IV) silicate species in very alkaline reactive media. <i>Dalton Transactions</i> , 2021, 50, 12528-12536.	3.3	5
18	Conversion of actinide nitrate surrogates into oxide using combustion synthesis process: A facile approach. <i>Journal of Nuclear Materials</i> , 2019, 525, 14-21.	2.7	2

#	ARTICLE	IF	CITATIONS
19	Selective 3D imaging of diamond/C60 growth's pellet by X-ray micro-diffraction computed-tomography. Acta Crystallographica Section A: Foundations and Advances, 2007, 63, s71-s71.	0.3	0
20	Probing the structure of heterogeneous diluted materials by diffraction tomography. Acta Crystallographica Section A: Foundations and Advances, 2008, 64, C54-C54.	0.3	0
21	Imaging and structural analysis of heterogeneous diluted materials by diffraction tomography. Acta Crystallographica Section A: Foundations and Advances, 2008, 64, C183-C183.	0.3	0
22	Hard X-ray diffraction scanning tomography with sub-micrometer spatial resolution. Acta Crystallographica Section A: Foundations and Advances, 2010, 66, s100-s100.	0.3	0