

MarÃ-a JosÃ© Nuevo SÃ¡nchez

List of Publications by Year in descending order

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38
papers

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38
all docs

38
docs citations

38
times ranked

444
citing authors

#	ARTICLE	IF	CITATIONS
1	Techniques and applications for the study and preservation of the cultural heritage of Extremadura (Spain). <i>Rendiconti Lincei</i> , 2020, 31, 761-772.	2.2	1
2	Spectroscopic analysis of polychromic sculptures belonging to the cultural heritage of Extremadura (Spain). <i>X-Ray Spectrometry</i> , 2019, 48, 490-498.	1.4	2
3	Actions for remediation in cases with large concentration of radon indoor. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 311, 1219-1225.	1.5	3
4	Spectroscopic analysis of decorated vestiges found in the Roman Theatre of Medellán, Badajoz, Spain. <i>Microchemical Journal</i> , 2016, 124, 675-681.	4.5	6
5	Pigments Used in Rock Paintings from the East and West of the Iberian Peninsula Analysed by X-ray Fluorescence:.., 2016, , 31-40.		1
6	<i>In situ</i> energy dispersive X-ray fluorescence analysis of rock art pigments from the Abrigo dos Gaivões™ and Igreja dos Mouros™ caves (Portugal). <i>X-Ray Spectrometry</i> , 2012, 41, 1-5.	1.4	17
7	Application of XRF spectrometry to the study of pigments in glazed ceramic pots. <i>Applied Radiation and Isotopes</i> , 2011, 69, 574-579.	1.5	16
8	Design and construction of a new chamber for measuring the thickness of alpha-particle sources. <i>Applied Radiation and Isotopes</i> , 2008, 66, 804-807.	1.5	5
9	Some geometrical considerations about the influence of topography on the adhesion force as measured by AFM on curved surfaces. <i>Applied Surface Science</i> , 2004, 238, 9-13.	6.1	6
10	Surface characterisation of two strains of <i>Staphylococcus epidermidis</i> with different slime-production by AFM. <i>Applied Surface Science</i> , 2004, 238, 18-23.	6.1	16
11	Direct surface probing of cell wall-defective mutants of <i>Saccharomyces cerevisiae</i> by atomic force microscopy. <i>Applied Surface Science</i> , 2004, 238, 51-63.	6.1	10
12	Artifacts in AFM images revealed using friction maps. <i>Applied Surface Science</i> , 2004, 238, 42-46.	6.1	10
13	Experimental analysis of the influence of surface topography on the adhesion force as measured by an AFM. <i>Journal of Adhesion Science and Technology</i> , 2002, 16, 1737-1747.	2.6	23
14	Comparative Study of the Hydrophobicity of <i>Candida parapsilosis</i> 294 through Macroscopic and Microscopic Analysis. <i>Langmuir</i> , 2002, 18, 3639-3644.	3.5	15
15	Application of atomic and nuclear techniques to the study of inhomogeneities in electrodeposited α -particle sources. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2002, 190, 747-750.	1.4	5
16	Optical interference artifacts in contact atomic force microscopy images. <i>Ultramicroscopy</i> , 2002, 92, 243-250.	1.9	28
17	Study of inhomogeneities in sources prepared for α -particle spectrometry using scanning probe microscopy. <i>Applied Radiation and Isotopes</i> , 2002, 56, 31-36.	1.5	9
18	Surface morphological characterization of yeast cells by scanning force microscopy. <i>Surface and Interface Analysis</i> , 2001, 31, 1027-1030.	1.8	15

#	ARTICLE	IF	CITATIONS
19	Self-diffusion coefficients and shear viscosity of model nanocolloidal dispersions by molecular dynamics simulation. <i>Physical Review E</i> , 1998, 58, 5845-5854.	2.1	21
20	Translational and rotational diffusion of model nanocolloidal dispersions by molecular dynamics simulations. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1998, 94, 1625-1632.	1.7	16
21	Translational and rotational diffusion of model nanocolloidal dispersions studied by molecular dynamics simulations. <i>Journal of Physics Condensed Matter</i> , 1998, 10, 10159-10178.	1.8	37
22	Temperature and density dependence of the self-diffusion coefficient and Mori coefficients of Lennard-Jones fluids by molecular dynamics simulation. <i>Physical Review E</i> , 1997, 55, 4217-4224.	2.1	13
23	Self-diffusion of large solid clusters in a liquid by molecular dynamics simulation. <i>Molecular Physics</i> , 1996, 88, 1503-1516.	1.7	8
24	Self-diffusion of large solid clusters in a liquid by molecular dynamics simulation. <i>Molecular Physics</i> , 1996, 88, 1503-1516.	1.7	4
25	An alternative method for calculating the structure factor in two-dimensional melting. <i>Molecular Physics</i> , 1996, 87, 203-212.	1.7	1
26	Path integral molecular dynamics methods: Application to neon. <i>Journal of Computational Chemistry</i> , 1995, 16, 105-112.	3.3	14
27	Mass dependence of isotope self-diffusion by molecular dynamics. <i>Physical Review E</i> , 1995, 51, 2026-2032.	2.1	37
28	The influence of the relative density of a solute particle on the memory function. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1993, 178, 114-118.	2.1	6
29	Molecular-dynamics ensembles: Fluctuations and correlations near the phase transitions. <i>Physical Review B</i> , 1993, 48, 9216-9222.	3.2	1
30	Physical meaning of the time-correlation length obtained in a computer simulation. <i>Physical Review E</i> , 1993, 48, 1550-1553.	2.1	5
31	Friction coefficient of a Brownian particle: dependence on size and mass. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1992, 167, 65-68.	2.1	0
32	Comparison of link-cell and neighbourhood tables on a range of computers. <i>Computer Physics Communications</i> , 1992, 69, 223-228.	7.5	12
33	General expression for the density dependence of the mori coefficients. <i>Journal of Computational Chemistry</i> , 1992, 13, 1119-1124.	3.3	4
34	Temperature and pressure constraints near the freezing point. <i>Physical Review B</i> , 1991, 43, 3514-3517.	3.2	2
35	A technique for improving the link-cell method. <i>Computer Physics Communications</i> , 1990, 60, 195-199.	7.5	7
36	The effect of dimensionality on Brownian motion. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1990, 148, 408-411.	2.1	3

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37	Statistical error methods in computer simulations. Journal of Computational Physics, 1990, 89, 432-438.	3.8	17
38	Brownian motion in an isothermal-isobaric bath: Mass and size dependence. Physical Review A, 1989, 40, 5856-5859.	2.5	14