Juan G Navea

List of Publications by Year
in descending order

23 papers	566 citations	623734 14 h-index	677142 22 g-index
24 all docs	24 docs citations	24 times ranked	742 citing authors

#	Article	IF	Citations
1	Physicochemical Characterization of Pelletized Lime Kiln Dust as Potential Liming Material for Acidic Soils. Waste and Biomass Valorization, 2021, 12, 1267-1280.	3.4	8
2	Nitrous Acid (HONO) Formation from the Irradiation of Aqueous Nitrate Solutions in the Presence of Marine Chromophoric Dissolved Organic Matter: Comparison to Other Organic Photosensitizers. ACS Earth and Space Chemistry, 2021, 5, 3056-3064.	2.7	15
3	Particle formation and surface processes on atmospheric aerosols: A review of applied quantum chemical calculations. International Journal of Quantum Chemistry, 2020, 120, e26350.	2.0	30
4	Atmospheric Processing of Anthropogenic Combustion Particles: Effects of Acid Media and Solar Flux on the Iron Mobility from Fly Ash. ACS Earth and Space Chemistry, 2020, 4, 750-761.	2.7	14
5	The classic metalâ€sensing transcription factor MTF1 promotes myogenesis in response to copper. FASEB Journal, 2019, 33, 14556-14574.	0.5	48
6	Ouabain Enhances Cell-Cell Adhesion Mediated by Î²1 Subunits of the Na+,K+-ATPase in CHO Fibroblasts. International Journal of Molecular Sciences, 2019, 20, 2111.	4.1	15
7	Atomic Absorbance Spectroscopy to Measure Intracellular Zinc Pools in Mammalian Cells. Journal of Visualized Experiments, 2019, , .	0.3	7
8	Effects of Coadsorbed Water on the Heterogeneous Photochemistry of Nitrates Adsorbed on TiO₂. Journal of Physical Chemistry A, 2018, 122, 6360-6371.	2.5	30
9	Differential expression of zinc transporters accompanies the differentiation of C2C12 myoblasts. Journal of Trace Elements in Medicine and Biology, 2018, 49, 27-34.	3.0	23
10	Water Adsorption Isotherms on Fly Ash from Several Sources. Langmuir, 2017, 33, 10161-10171.	3.5	23
11	Comparative evaluation of iron leach from different sources of fly ash under atmospherically relevant conditions. Environmental Chemistry, 2016, 13, 902.	1.5	19
12	Structural, chemical and optical properties of the polyethyleneâ€“copper sulfide composite thin films synthesized using polythionic acid as sulfur source. Applied Surface Science, 2015, 347, 520-527.	6.1	6
13	Photochemistry of nitrate chemisorbed on various metal oxide surfaces. Physical Chemistry Chemical Physics, 2015, 17, 20775-20785.	2.8	28
14	Heterogeneous Photochemistry of Trace Atmospheric Gases with Components of Mineral Dust Aerosol. Journal of Physical Chemistry A, 2011, 115, 490-499.	2.5	61
15	The atmospheric lifetimes and concentrations of cyclic methylsiloxanes octamethylcyclotetrasiloxane (D4) and decamethylcyclopentasiloxane (D5) and the influence of heterogeneous uptake. Atmospheric Environment, 2011, 45, 3181-3191.	4.1	49
16	A comparative evaluation of water uptake on several mineral dust sources. Environmental Chemistry, 2010, 7, 162.	1.5	27
17	Effect of Ozone and Relative Humidity on the Heterogeneous Uptake of Octamethylcyclotetrasiloxane and Decamethylcyclopentasiloxane on Model Mineral Dust Aerosol Components. Journal of Physical Chemistry A, 2009, 113, 7030-7038.	2.5	21
18	Carbon dioxide (C16O2 and C18O2) adsorption in zeolite Y materials: effect of cation, adsorbed water and particle size. Energy and Environmental Science, 2009, 2, 401.	30.8	76

#	Article	IF	Citations
19	Thermal Lens Spectroscopy in Liquid Argon Solutions:Â (Î”ν= 6) Câˆ’H Vibrational Overtone Absorption of Methaneâ€. Journal of Physical Chemistry A, 2006, 110, 1594-1599.	2.5	17
20	Spectroscopic Study of Low-Pressure Water Plasmas and Their Reactions with Liquid Hydrocarbons. Energy & Fuels, 2002, 16, 172-176.	5.1	10
21	Oxidation of Cycloalkanes and Diesel Fuels by Means of Oxygen Low Pressure Plasmas. Energy & Fuels, 2002, 16, 1470-1475.	5.1	13
22	Oxidation of Long Chain Hydrocarbons by Means of Low-Pressure Plasmas. Energy & Fuels, 2001, 15, 881-886.	5.1	14
23	ZIP11 Regulates Nuclear Zinc Homeostasis in HeLa Cells and Is Required for Proliferation and Establishment of the Carcinogenic Phenotype. Frontiers in Cell and Developmental Biology, 0, 10, .	3.7	10