

Elena R Remesal

List of Publications by Year in descending order

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8
papers

118
citations

1307594

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1588992

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9
docs citations

9
times ranked

210
citing authors

#	ARTICLE	IF	CITATIONS
1	Water-Gas Shift Reaction on K/Cu(111) and Cu/K/TiO ₂ (110) Surfaces: Alkali Promotion of Water Dissociation and Production of H ₂ . ACS Catalysis, 2019, 9, 10751-10760.	11.2	38
2	Adsorption of Prototypical Asphaltenes on Silica: First-Principles DFT Simulations Including Dispersion Corrections. Journal of Physical Chemistry B, 2018, 122, 618-624.	2.6	21
3	Molecular dynamics simulations of the role of salinity and temperature on the hydrocarbon/water interfacial tension. Theoretical Chemistry Accounts, 2017, 136, 1.	1.4	16
4	Potassium and Water Coadsorption on TiO ₂ (110): OH-Induced Anchoring of Potassium and the Generation of Single-Site Catalysts. Journal of Physical Chemistry Letters, 2016, 7, 3866-3872.	4.6	14
5	Adsorption of prototypical amino acids on silica: Influence of the pre-adsorbed water multilayer. Surface Science, 2016, 646, 239-246.	1.9	10
6	Analysis of the variables that modify the robustness of Ti-SiO ₂ catalysts for alkene epoxidation: Role of silylation, deactivation and potential solutions. Molecular Catalysis, 2018, 459, 55-60.	2.0	9
7	Understanding the Photocatalytic Properties of Pt/CeO _x /TiO ₂ : Structural Effects on Electronic and Optical Properties. ChemPhysChem, 2019, 20, 1624-1629.	2.1	8
8	Optoelectronic properties of Ag ₂ S/graphene and FeS ₂ /graphene nanostructures and interfaces: A density functional study including dispersion forces. Journal of Materials Research, 2022, 37, 1047-1058.	2.6	2