Carla GrijÃ³ Fonseca

List of Publications by Year
in descending order

10 papers	117 citations	1163117 8 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	129 citing authors

#	Article	IF	Citations
1	Structural and thermodynamic investigation of the hydration-dehydration process of Na+-Montmorillonite using DFTÂcalculations. Applied Clay Science, 2017, 143, 212-219.	5.2	24
2	Na+ as a probe to structural investigation of dehydrated smectites using NMR spectra calculated by DFT. Applied Clay Science, 2016, 126, 132-140.	5.2	16
3	Investigation of the initial stages of the montmorillonite acid-activation process using DFT calculations. Applied Clay Science, 2018, 165, 170-178.	5.2	16
4	Nb2O5 supported on mixed oxides catalyzed oxidative and photochemical conversion of anilines to azoxybenzenes. New Journal of Chemistry, 2019, 43, 5863-5871.	2.8	12
5	Experimental and theoretical study of deactivated HDT catalysts by Si species deposited on their surfaces: Models proposition, structural and thermodynamic analysis. Journal of Catalysis, 2020, 389, 578-591.	6.2	12
6	Structural analysis of dehydrated gibbsite-based layered double hydroxides Liâ€“Alâ€“X (X = Fâ^', Clâ^', Brâ^',) Tj ETQq0 0 0 rgBT /Overloc	2.8	11
7	The role of Zn 2+ dopants in the acid-basic catalysis on MgO(001) surface: Ab initio simulations of the dissociative chemisorption of R-O-Rá€² andAR-S-Rá€² (R,<mml:math) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 517 Td (xmlns:mml=	1.9	10
8	DFT calculations for structural prediction and applications of intercalated lamellar compounds. Dalton Transactions, 2018, 47, 2852-2866.	3.3	10
9	DFT simulations of dissociative chemisorption of sulfur-, nitrogen- and oxygen-containing molecules on mixed oxides with Mg, Al and Zn. Applied Surface Science, 2019, 484, 524-533.	6.1	5
10	On the mixed oxides-supported niobium catalyst towards benzylamine oxidation. Catalysis Today, 2021, 381, 118-125.	4.4	1