

# Denisa Nistor

## List of Publications by Year in descending order

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27  
papers

903  
citations

516710

16  
h-index

552781

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1108  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal removal through synergic coagulation-flocculation using an optimized chitosan-montmorillonite system. <i>Applied Clay Science</i> , 2007, 37, 258-274.	5.2	107
2	Assessment of acid-base strength distribution of ion-exchanged montmorillonites through NH <sub>3</sub> and CO <sub>2</sub> -TPD measurements. <i>Thermochimica Acta</i> , 2006, 449, 27-34.	2.7	103
3	Inclusion interactions of cyclodextrins and crosslinked cyclodextrin polymers with linalool and camphor in <i>Lavandula angustifolia</i> essential oil. <i>Carbohydrate Polymers</i> , 2012, 87, 1963-1970.	10.2	78
4	Retention of aroma compounds from <i>Mentha piperita</i> essential oil by cyclodextrins and crosslinked cyclodextrin polymers. <i>Food Chemistry</i> , 2013, 138, 291-297.	8.2	75
5	Adsorption of lead(II) ions from aqueous solutions onto Cr-pillared clays. <i>Applied Clay Science</i> , 2018, 152, 44-50.	5.2	75
6	Acid-treated clay catalysts for organic dye ozonation - Thorough mineralization through optimum catalyst basicity and hydrophilic character. <i>Journal of Hazardous Materials</i> , 2019, 364, 356-366.	12.4	64
7	OH-enriched organo-montmorillonites for potential applications in carbon dioxide separation and concentration. <i>Separation and Purification Technology</i> , 2013, 108, 181-188.	7.9	59
8	Carbon dioxide retention over montmorillonite-dendrimer materials. <i>Applied Clay Science</i> , 2010, 48, 133-137.	5.2	58
9	TPD study of the reversible retention of carbon dioxide over montmorillonite intercalated with polyol dendrimers. <i>Thermochimica Acta</i> , 2009, 496, 45-49.	2.7	51
10	Vapor phase aldol condensation over fully ion-exchanged montmorillonite-rich catalysts. <i>Applied Catalysis A: General</i> , 2003, 241, 1-13.	4.3	43
11	Polyol-modified layered double hydroxides with attenuated basicity for a truly reversible capture of CO <sub>2</sub> . <i>Adsorption</i> , 2013, 19, 909-918.	3.0	35
12	Thermogravimetric analysis of layered double hydroxides with chloramphenicol and salicylate in the interlayer space. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 93, 373-379.	3.6	31
13	Investigation of the complexation of essential oil components with cyclodextrins. <i>Supramolecular Chemistry</i> , 2015, 27, 620-628.	1.2	26
14	Intrinsic affinity of acid-activated bentonite towards hydrogen and carbon dioxide. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 7964-7972.	7.1	25
15	Thermal and chemical stability of Romanian bentonite. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 106, 965-971.	3.6	18
16	Cu <sup>0</sup> and Pd <sup>0</sup> loaded Organo-Bentonites as Sponge-like Matrices for Hydrogen Reversible Capture at Ambient Conditions. <i>ChemistrySelect</i> , 2016, 1, 1452-1461.	1.5	16
17	EFFECTS OF THE ENVIRONMENTAL STRESS ON TWO FISH POPULATIONS REVEALED BY STATISTICAL AND SPECTRAL ANALYSIS. <i>Environmental Engineering and Management Journal</i> , 2012, 11, 109-124.	0.6	10
18	Professional Competences of the Personnel Working on Quality Control and Food Safety in the Food Industry. <i>Procedia, Social and Behavioral Sciences</i> , 2015, 180, 1030-1037.	0.5	6

#	ARTICLE	IF	CITATIONS
19	Depollution of uranyl polluted waters using pillared clays. Journal of Thermal Analysis and Calorimetry, 2007, 89, 977-981.	3.6	5
20	Etude par desorption thermique programmee des proprietes des argiles modifiees. Journal of Thermal Analysis and Calorimetry, 2004, 76, 913-920.	3.6	4
21	Optimized procedure for clay pillaring with aluminum species used in depollution. Journal of Thermal Analysis and Calorimetry, 2006, 84, 527-530.	3.6	4
22	Modelling of Batch Lactic Acid Fermentation in the Presence of Anionic Clay. Food Technology and Biotechnology, 2014, 52, 448-458.	2.1	3
23	Characterization and Utilization of a Commercial Clay for Ammonia Adsorption Influence of Operating Parameters on Gas Retaining. Revista De Chimie (discontinued), 2008, 59, .	0.4	3
24	Synthesis and characterization of Cr-pillared clays: modelling using factorial design methodology. Journal of Porous Materials, 2015, 22, 1009-1019.	2.6	2
25	MACRO AND ULTRA-MICRO SCALE CHANGES OF RAPESEED SEEDLINGS GERMINATED FROM SEEDS EXPOSED TO UVA-VIS RADIATIONS. Environmental Engineering and Management Journal, 2013, 12, 49-57.	0.6	1
26	ENVIRONMENTALLY FRIENDLY FORMULATIONS OF 2,6-DICHLOROBENZONITRILE PESTICIDE INTERCALATED INTO CALCINED LAYERED DOUBLE HYDROXIDES. Environmental Engineering and Management Journal, 2013, 12, 2465-2471.	0.6	1
27	Syntone Chemistry. Theoretical study on the formation of glycine, alannine and serine. Revista De Chimie (discontinued), 2019, 70, 1707-1711.	0.4	0