Safia Hamoudi

List of Publications by Year
in descending order

47 papers	2,386 citations	331670 21 h-index	233421 45 g-index
47 all docs	47 docs citations	47 times ranked	2915 citing authors

#	Article	IF	Citations
1	Magnetic hybrid nanomaterials for the removal of pesticides from water. , 2022, , 283-312.		0
2	Physical and Enzymatic Hydrolysis Modifications of Potato Starch Granules. Polymers, 2022, 14, 2027.	4.5	8
3	Palladium and Graphene Oxide Doped ZnO for Aqueous Acetamiprid Degradation under Visible Light. Catalysts, 2022, 12, 709.	3.5	2
4	Visible light driven photocatalytic degradation of aqueous acetamiprid over nitrogen and graphene oxide doped ZnO composites. RSC Advances, 2021, 11, 22508-22516.	3.6	13
5	Flax nanofibrils production via supercritical carbon dioxide preâ€treatment and enzymatic hydrolysis. Canadian Journal of Chemical Engineering, 2020, 98, 84-95.	1.7	7
6	Laccase-Mediated Grafting of Phenolic Compounds onto Lignocellulosic Flax Nanofibers. Journal of Natural Fibers, 2020, , 1-10.	3.1	4
7	Biological Activity of the Mentha spicata L. and Salvia officinalis L. (Lamiaceae) Essential Oils on Sytophilusgranarius L. and Triboliumconfusum Jac. Du Val. Infested Stored Wheat. Biology and Life Sciences Forum, 2020, 4, .	0.6	1
8	Synthesis and characterization of graphene oxide functionalized with MnFe2O4 and supported on activated carbon for glyphosate adsorption in fixed bed column. Chemical Engineering Research and Design, 2019, 123, 59-71.	5.6	49
9	Graphene oxide impregnated with iron oxide nanoparticles for the removal of atrazine from the aqueous medium. Separation Science and Technology, 2019, 54, 2653-2670.	2.5	22
10	Development of Î±- and Î³-Fe₂O₃decorated graphene oxides for glyphosate removal from water. Environmental Technology (United Kingdom), 2019, 40, 1118-1137.	2.2	51
11	Bioremediation of Polluted Soil Sites with Crude Oil Hydrocarbons Using Carrot Peel Waste. Environments - MDPI, 2018, 5, 124.	3.3	19
12	Removal of Cr(VI) from Aqueous Solutions Using Amino-Functionalized Carbon Nanospheres Adsorbents. Water Environment Research, 2018, 90, 1925-1937.	2.7	4
13	Acylation of unprotected lactose with 1,18â€octadecâ€9â€enedioyl chloride for the synthesis of monocatenary and bolaform agroâ€based surfactants. Canadian Journal of Chemical Engineering, 2018, 96, 2253-2262.	1.7	4
14	Heterogeneous olefinâ€metathesis: Comparative perspective of the activity with respect to unsaturated fatty acid methyl esters. Canadian Journal of Chemical Engineering, 2017, 95, 1850-1863.	1.7	8
15	Removal of lead (II) and cadmium (II) cations from water using surfaceâ€modified graphene. Canadian Journal of Chemical Engineering, 2017, 95, 508-515.	1.7	11
16	Synthesis, Characterization and Application of ZrCl4-Graphene Composite Supported on Activated Carbon for Efficient Removal of Fluoride to Obtain Drinking Water. Water, Air, and Soil Pollution, 2016, 227, 1.	2.4	11
17	Magnetic MnFe 2 O 4 â€“graphene hybrid composite for efficient removal of glyphosate from water. Chemical Engineering Journal, 2016, 295, 391-402.	12.7	234
18	Production of Lactobionic Acid from its Sodium Salt Solution by Ion-Exchange on a Commercial Strong Acid Resin: Kinetic Data and Modeling. Separation Science and Technology, 2015, 50, 1890-1898.	2.5	3

#	Article	IF	Citations
19	Synthesis, characterization and insights into stable and well organized hexagonal mesoporous zinc-doped alumina as promising metathesis catalysts carrier. Dalton Transactions, 2015, 44, 9823-9838.	3.3	34
20	Investigation of Ammonium Ion Removal from Aqueous Solutions Using Arene- and Propylsulfonic Acid Functionalized Mesoporous Silica Adsorbents. Journal of Environmental Quality, 2014, 43, 1032-1042.	2.0	5
21	Mono- and quaternary-ammonium functionalized mesoporous silica materials for nitrate adsorptive removal from water and wastewaters. Journal of Porous Materials, 2014, 21, 685-690.	2.6	15
22	Modeling Breakthrough Curves for Adsorption of Monobasic Phosphate Using Ammonium-Functionalized MCM-48. Separation Science and Technology, 2013, 48, 2099-2107.	2.5	5
23	Sulfur Promotion in Conjugated Isomerization of Safflower Oil over Bifunctional Structured Rh/SBAâ€15 Catalysts. ChemCatChem, 2013, 5, 1917-1934.	3.7	7
24	Functionalized value-added products via metathesis of methyloleate over methyltrioxorhenium supported on ZnCl2-promoted mesoporous alumina. Fuel, 2013, 110, 32-39.	6.4	25
25	Metathesis of methyloleate over methyltrioxorhenium supported on ZnCl2-promoted mesoporous alumina. Applied Catalysis A: General, 2013, 455, 155-163.	4.3	22
26	Adsorption of nitrate and phosphate ions from aqueous solutions using organically-functionalized silica materials: Kinetic modeling. Fuel, 2013, 110, 107-113.	6.4	85
27	Removal of ammonium cations from aqueous solution using areneâ€sulphonic acid functionalised SBAâ€15 as adsorbent. Canadian Journal of Chemical Engineering, 2012, 90, 18-25.	1.7	5
28	Adsorptive removal of nitrate and phosphate anions from aqueous solutions using functionalised SBAâ€15: Effects of the organic functional group. Canadian Journal of Chemical Engineering, 2012, 90, 34-40.	1.7	23
29	Conjugated linoleic acid formation by hydrogenation/isomerisation of safflower oil over bifunctional structured catalyst Rh/SBAâ€15. Canadian Journal of Chemical Engineering, 2012, 90, 41-50.	1.7	10
30	Synthesis of CaCO₃ nanoparticles by controlled precipitation of saturated carbonate and calcium nitrate aqueous solutions. Canadian Journal of Chemical Engineering, 2012, 90, 26-33.	1.7	66
31	Editorial â€•XVIIth World Congress of CIGR joint symposium on nanotechnologies applied to biosystems engineering and the environment, QuÃ©bec City, Canada. Canadian Journal of Chemical Engineering, 2012, 90, 7-7.	1.7	1
32	Synthesis of Gold Catalysts Supported on Mesoporous Silica Materials: Recent Developments. Catalysts, 2011, 1, 97-154.	3.5	87
33	Adsorptive removal of dihydrogenphosphate ion from aqueous solutions using mono, di- and tri-ammonium-functionalized SBA-15. Journal of Colloid and Interface Science, 2010, 343, 615-621.	9.4	46
34	Chemocatalytic Oxidation of Lactose to Lactobionic Acid over Pdâ^'Bi/SBA-15: Reaction Kinetics and Modeling. Industrial & Engineering Chemistry Research, 2010, 49, 6878-6889.	3.7	25
35	Low Trans and Saturated Vegetable Oil Hydrogenation over Nanostructured Pd/Silica Catalysts: Process Parameters and Mass-Transfer Features Effects. Industrial & Engineering Chemistry Research, 2009, 48, 1081-1089.	3.7	13
36	Adsorption of phosphate and nitrate anions on ammonium-functionnalized mesoporous silicas. Journal of Porous Materials, 2008, 15, 315-323.	2.6	87

#	Article	IF	Citations
37	Adsorptive Removal of Phosphate and Nitrate Anions from Aqueous Solutions Using Ammonium-Functionalized Mesoporous Silica. Industrial & Engineering Chemistry Research, 2007, 46, 8806-8812.	3.7	101
38	Adsorption of phosphate and nitrate anions on ammonium-functionalized MCM-48: Effects of experimental conditions. Journal of Colloid and Interface Science, 2007, 311, 375-381.	9.4	171
39	Hydrogenation of Vegetable Oils with Minimum trans and Saturated Fatty Acid Formation Over a New Generation of Pd-catalyst. Topics in Catalysis, 2006, 37, 113-120.	2.8	55
40	1-Butanol etherification over sulfonated mesostructured silica and organo-silica. Microporous and Mesoporous Materials, 2005, 79, 129-136.	4.4	68
41	Cubic Mesoporous Silica with Tailored Large Pores. Journal of Porous Materials, 2004, 11, 47-54.	2.6	11
42	Enzymatic hydrolysis of dissolved corn stalk hemicelluloses: reaction kinetics and modeling. Journal of Chemical Technology and Biotechnology, 2003, 78, 802-808.	3.2	32
43	Periodic mesoporous organosilica from micellar oligomer template solutionElectronic supplementary information (ESI): available: TG/DTG data. See http://www.rsc.org/suppdata/cc/b2/b207134g/. Chemical Communications, 2002, , 2118-2119.	4.1	70
44	Periodic Mesoporous Silica-Based Organicâ"Inorganic Nanocomposite Materials. Chemistry of Materials, 2001, 13, 3151-3168.	6.7	814
45	Synthesis and Characterization of Titanium-Substituted Large Pore SSZ-42 Zeolite. Catalysis Letters, 2001, 77, 227-231.	2.6	12
46	Solubility and Infinite Dilution Activity Coefficient for 5-Chlorovanillin and 4-Chloroguaiacol in Water over the Temperature Range 280 to 363 K. Journal of Chemical & Engineering Data, 2000, 45, 404-408.	1.9	12
47	Inhibition and Deactivation Effects in Catalytic Wet Oxidation of High-Strength Alcohol-Distillery Liquors. Industrial & Engineering Chemistry Research, 1999, 38, 2268-2274.	3.7	28