

# Safia Hamoudi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8257491/publications.pdf>

Version: 2024-02-01

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	Periodic Mesoporous Silica-Based Organic~Inorganic Nanocomposite Materials. <i>Chemistry of Materials</i> , 2001, 13, 3151-3168.	6.7	814
2	Magnetic MnFe <sub>2</sub> O <sub>4</sub> ~graphene hybrid composite for efficient removal of glyphosate from water. <i>Chemical Engineering Journal</i> , 2016, 295, 391-402.	12.7	234
3	Adsorption of phosphate and nitrate anions on ammonium-functionalized MCM-48: Effects of experimental conditions. <i>Journal of Colloid and Interface Science</i> , 2007, 311, 375-381.	9.4	171
4	Adsorptive Removal of Phosphate and Nitrate Anions from Aqueous Solutions Using Ammonium-Functionalized Mesoporous Silica. <i>Industrial &amp; Engineering Chemistry Research</i> , 2007, 46, 8806-8812.	3.7	101
5	Adsorption of phosphate and nitrate anions on ammonium-functionalized mesoporous silicas. <i>Journal of Porous Materials</i> , 2008, 15, 315-323.	2.6	87
6	Synthesis of Gold Catalysts Supported on Mesoporous Silica Materials: Recent Developments. <i>Catalysts</i> , 2011, 1, 97-154.	3.5	87
7	Adsorption of nitrate and phosphate ions from aqueous solutions using organically-functionalized silica materials: Kinetic modeling. <i>Fuel</i> , 2013, 110, 107-113.	6.4	85
8	Periodic mesoporous organosilica from micellar oligomer template solution Electronic supplementary information (ESI): available: TG/DTG data. See <a href="http://www.rsc.org/suppdata/cc/b2/b207134g/">http://www.rsc.org/suppdata/cc/b2/b207134g/</a> . <i>Chemical Communications</i> , 2002, , 2118-2119.	4.1	70
9	1-Butanol etherification over sulfonated mesostructured silica and organo-silica. <i>Microporous and Mesoporous Materials</i> , 2005, 79, 129-136.	4.4	68
10	Synthesis of CaCO <sub>3</sub> nanoparticles by controlled precipitation of saturated carbonate and calcium nitrate aqueous solutions. <i>Canadian Journal of Chemical Engineering</i> , 2012, 90, 26-33.	1.7	66
11	Hydrogenation of Vegetable Oils with Minimum trans and Saturated Fatty Acid Formation Over a New Generation of Pd-catalyst. <i>Topics in Catalysis</i> , 2006, 37, 113-120.	2.8	55
12	Development of Fe <sup>2+</sup> - and Fe <sup>3+</sup> -decorated graphene oxides for glyphosate removal from water. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 1118-1137.	2.2	51
13	Synthesis and characterization of graphene oxide functionalized with MnFe <sub>2</sub> O <sub>4</sub> and supported on activated carbon for glyphosate adsorption in fixed bed column. <i>Chemical Engineering Research and Design</i> , 2019, 123, 59-71.	5.6	49
14	Adsorptive removal of dihydrogenphosphate ion from aqueous solutions using mono, di- and tri-ammonium-functionalized SBA-15. <i>Journal of Colloid and Interface Science</i> , 2010, 343, 615-621.	9.4	46
15	Synthesis, characterization and insights into stable and well organized hexagonal mesoporous zinc-doped alumina as promising metathesis catalysts carrier. <i>Dalton Transactions</i> , 2015, 44, 9823-9838.	3.3	34
16	Enzymatic hydrolysis of dissolved corn stalk hemicelluloses: reaction kinetics and modeling. <i>Journal of Chemical Technology and Biotechnology</i> , 2003, 78, 802-808.	3.2	32
17	Inhibition and Deactivation Effects in Catalytic Wet Oxidation of High-Strength Alcohol-Distillery Liquors. <i>Industrial &amp; Engineering Chemistry Research</i> , 1999, 38, 2268-2274.	3.7	28
18	Chemocatalytic Oxidation of Lactose to Lactobionic Acid over Pd~Bi/SBA-15: Reaction Kinetics and Modeling. <i>Industrial &amp; Engineering Chemistry Research</i> , 2010, 49, 6878-6889.	3.7	25

#	ARTICLE	IF	CITATIONS
19	Functionalized value-added products via metathesis of methyloleate over methyltrioxorhenium supported on ZnCl <sub>2</sub> -promoted mesoporous alumina. <i>Fuel</i> , 2013, 110, 32-39.	6.4	25
20	Adsorptive removal of nitrate and phosphate anions from aqueous solutions using functionalised SBA-15: Effects of the organic functional group. <i>Canadian Journal of Chemical Engineering</i> , 2012, 90, 34-40.	1.7	23
21	Metathesis of methyloleate over methyltrioxorhenium supported on ZnCl <sub>2</sub> -promoted mesoporous alumina. <i>Applied Catalysis A: General</i> , 2013, 455, 155-163.	4.3	22
22	Graphene oxide impregnated with iron oxide nanoparticles for the removal of atrazine from the aqueous medium. <i>Separation Science and Technology</i> , 2019, 54, 2653-2670.	2.5	22
23	Bioremediation of Polluted Soil Sites with Crude Oil Hydrocarbons Using Carrot Peel Waste. <i>Environments - MDPI</i> , 2018, 5, 124.	3.3	19
24	Mono- and quaternary-ammonium functionalized mesoporous silica materials for nitrate adsorptive removal from water and wastewaters. <i>Journal of Porous Materials</i> , 2014, 21, 685-690.	2.6	15
25	Low Trans and Saturated Vegetable Oil Hydrogenation over Nanostructured Pd/Silica Catalysts: Process Parameters and Mass-Transfer Features Effects. <i>Industrial &amp; Engineering Chemistry Research</i> , 2009, 48, 1081-1089.	3.7	13
26	Visible light driven photocatalytic degradation of aqueous acetamiprid over nitrogen and graphene oxide doped ZnO composites. <i>RSC Advances</i> , 2021, 11, 22508-22516.	3.6	13
27	Solubility and Infinite Dilution Activity Coefficient for 5-Chlorovanillin and 4-Chloroguaiacol in Water over the Temperature Range 280 to 363 K. <i>Journal of Chemical &amp; Engineering Data</i> , 2000, 45, 404-408.	1.9	12
28	Synthesis and Characterization of Titanium-Substituted Large Pore SSZ-42 Zeolite. <i>Catalysis Letters</i> , 2001, 77, 227-231.	2.6	12
29	Cubic Mesoporous Silica with Tailored Large Pores. <i>Journal of Porous Materials</i> , 2004, 11, 47-54.	2.6	11
30	Synthesis, Characterization and Application of ZrCl <sub>4</sub> -Graphene Composite Supported on Activated Carbon for Efficient Removal of Fluoride to Obtain Drinking Water. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	2.4	11
31	Removal of lead (II) and cadmium (II) cations from water using surface-modified graphene. <i>Canadian Journal of Chemical Engineering</i> , 2017, 95, 508-515.	1.7	11
32	Conjugated linoleic acid formation by hydrogenation/isomerisation of safflower oil over bifunctional structured catalyst Rh/SBA-15. <i>Canadian Journal of Chemical Engineering</i> , 2012, 90, 41-50.	1.7	10
33	Heterogeneous olefin-metathesis: Comparative perspective of the activity with respect to unsaturated fatty acid methyl esters. <i>Canadian Journal of Chemical Engineering</i> , 2017, 95, 1850-1863.	1.7	8
34	Physical and Enzymatic Hydrolysis Modifications of Potato Starch Granules. <i>Polymers</i> , 2022, 14, 2027.	4.5	8
35	Sulfur Promotion in Conjugated Isomerization of Safflower Oil over Bifunctional Structured Rh/SBA-15 Catalysts. <i>ChemCatChem</i> , 2013, 5, 1917-1934.	3.7	7
36	Flax nanofibrils production via supercritical carbon dioxide pre-treatment and enzymatic hydrolysis. <i>Canadian Journal of Chemical Engineering</i> , 2020, 98, 84-95.	1.7	7

#	ARTICLE	IF	CITATIONS
37	Removal of ammonium cations from aqueous solution using arene-sulphonic acid functionalised SBA-15 as adsorbent. <i>Canadian Journal of Chemical Engineering</i> , 2012, 90, 18-25.	1.7	5
38	Modeling Breakthrough Curves for Adsorption of Monobasic Phosphate Using Ammonium-Functionalized MCM-48. <i>Separation Science and Technology</i> , 2013, 48, 2099-2107.	2.5	5
39	Investigation of Ammonium Ion Removal from Aqueous Solutions Using Arene- and Propylsulfonic Acid Functionalized Mesoporous Silica Adsorbents. <i>Journal of Environmental Quality</i> , 2014, 43, 1032-1042.	2.0	5
40	Removal of Cr(VI) from Aqueous Solutions Using Amino-Functionalized Carbon Nanospheres Adsorbents. <i>Water Environment Research</i> , 2018, 90, 1925-1937.	2.7	4
41	Acylation of unprotected lactose with 1,18-octadecanediol chloride for the synthesis of monocatenary and bolaform agro-based surfactants. <i>Canadian Journal of Chemical Engineering</i> , 2018, 96, 2253-2262.	1.7	4
42	Laccase-Mediated Grafting of Phenolic Compounds onto Lignocellulosic Flax Nanofibers. <i>Journal of Natural Fibers</i> , 2020, , 1-10.	3.1	4
43	Production of Lactobionic Acid from its Sodium Salt Solution by Ion-Exchange on a Commercial Strong Acid Resin: Kinetic Data and Modeling. <i>Separation Science and Technology</i> , 2015, 50, 1890-1898.	2.5	3
44	Palladium and Graphene Oxide Doped ZnO for Aqueous Acetamiprid Degradation under Visible Light. <i>Catalysts</i> , 2022, 12, 709.	3.5	2
45	Editorial -XVIIth World Congress of CIGR joint symposium on nanotechnologies applied to biosystems engineering and the environment, Québec City, Canada. <i>Canadian Journal of Chemical Engineering</i> , 2012, 90, 7-7.	1.7	1
46	Biological Activity of the <i>Mentha spicata</i> L. and <i>Salvia officinalis</i> L. (Lamiaceae) Essential Oils on <i>Sitophilus granarius</i> L. and <i>Tribolium confusum</i> Jac. Du Val. <i>Infested Stored Wheat</i> . <i>Biology and Life Sciences Forum</i> , 2020, 4, .	0.6	1
47	Magnetic hybrid nanomaterials for the removal of pesticides from water. , 2022, , 283-312.		0