Georgina C Laredo

List of Publications by Citations

40 papers	986 citations	17 h-index	31 g-index
40 ext. papers	1,082 ext. citations	5 avg, IF	4.2 L-index

#	Paper	IF	Citations
40	Denitrogenation of middle distillates using adsorbent materials towards ULSD production: A review. *Fuel Processing Technology*, **2013**, 106, 21-32	7.2	103
39	Inhibition effects of nitrogen compounds on the hydrodesulfurization of dibenzothiophene. *Applied Catalysis A: General*, **2001**, 207, 103-112	5.1	103
38	Nitrogen compounds characterization in atmospheric gas oil and light cycle oil from a blend of Mexican crudes. *Fuel*, **2002**, 81, 1341-1350	7.1	98
37	Naphthenic acids, total acid number and sulfur content profile characterization in Isthmus and Maya crude oils. *Fuel*, **2004**, 83, 1689-1695	7.1	68
36	Inhibition effects of nitrogen compounds on the hydrodesulfurization of dibenzothiophene: Part 2. *Applied Catalysis A: General*, **2003**, 243, 207-214	5.1	66
35	Oxidative desulfurization of diesel using promising heterogeneous tungsten catalysts and hydrogen peroxide. *Fuel*, **2014**, 138, 118-125	7.1	55
34	Molecular size evaluation of linear and branched paraffins from the gasoline pool by DFT quantum chemical calculations. *Fuel*, **2004**, 83, 2183-2188	7.1	45
33	Inhibition effects observed between dibenzothiophene and carbazole during the hydrotreating process. *Applied Catalysis A: General*, **2004**, 265, 171-183	5.1	40
32	High quality diesel by hydrotreating of atmospheric gas oil/light cycle oil blends. *Fuel*, **2004**, 83, 1381-1389	7.1	34
31	Light Cycle Oil Upgrading to Benzene, Toluene, and Xylenes by Hydrocracking: Studies Using Model Mixtures. *Industrial & Engineering Chemistry Research*, **2017**, 56, 10939-10948	3.9	32
30	Identification of Naphthenic Acids and Other Corrosivity-Related Characteristics in Crude Oil and Vacuum Gas Oils from a Mexican Refinery. *Energy & Fuels*, **2004**, 18, 1687-1694	4.1	30
29	Light Cycle Oil Upgrading to High Quality Fuels and Petrochemicals: A Review. *Industrial & Engineering Chemistry Research*, **2018**, 57, 7315-7321	3.9	29
28	Synthesis of ionic liquids and their use for extracting nitrogen compounds from gas oil feeds towards diesel fuel production. *Fuel Processing Technology*, **2015**, 130, 38-45	7.2	27
27	Comparison of the metal-organic framework MIL-101 (Cr) versus four commercial adsorbents for nitrogen compounds removal in diesel feedstocks. *Fuel*, **2016**, 180, 284-291	7.1	23
26	Direct neural network modeling for separation of linear and branched paraffins by adsorption process for gasoline octane number improvement. *Fuel*, **2014**, 124, 158-167	7.1	22
25	Effect of nitrogen compounds in the hydrodesulfurization of straight-run gas oil using a CoMoP/g-Al2O3 catalyst. *Fuel*, **2014**, 138, 98-103	7.1	21
24	Self-inhibition observed during indole and o-ethylaniline hydrogenation in the presence of dibenzothiophene. *Applied Catalysis A: General*, **2003**, 242, 311-320	5.1	20

23	Octane enhancement by the selective separation of branched and linear paraffins in naphthas using a PVDC-PVC carbon molecular sieve. *Fuel*, **2014**, 117, 660-666	7.1	17
22	Benzene reduction in gasoline by alkylation with olefins: Comparison of Beta and MCM-22 catalysts. *Applied Catalysis A: General*, **2012**, 413-414, 140-148	5.1	16
21	Adsorption Equilibrium and Kinetics of Branched Octane Isomers on a Polyvinylidene Chloride-Based Carbon Molecular Sieve. *Energy & Fuels*, **2008**, 22, 2641-2648	4.1	16
20	Benzene reduction in gasoline by alkylation with propylene over MCM-22 zeolite with a different Brønsted/Lewis acidity ratios. *Applied Catalysis A: General*, **2013**, 454, 37-45	5.1	14
19	Adsorption ofn-Heptane and 2-Methylheptane in the Gas Phase on Polyvinylidene Chloride-Based Microporous Activated Carbon. *Energy & Fuels*, **2007**, 21, 2929-2934	4.1	13
18	Benzene reduction in gasoline by alkylation with olefins: Effect of the feedstock on the catalyst deactivation. *Applied Catalysis A: General*, **2009**, 363, 11-18	5.1	12
17	Gas-phase diffusion of linear and multi-branched alkanes on a carbon molecular sieve by the ZLC method. *Separation and Purification Technology*, **2013**, 103, 36-42	8.3	11
16	Dual-site Langmuir modeling of the liquid phase adsorption of linear and branched paraffins onto a PVDC carbon molecular sieve. *Fuel*, **2012**, 102, 404-413	7.1	9
15	Benzene reduction in gasoline by olefin alkylation: Effect of the catalyst on a C6-reformate heart-cut. *Applied Catalysis A: General*, **2009**, 363, 19-26	5.1	9
14	Benzene reduction in gasoline by alkylation with olefins: Effect of the experimental conditions on the product selectivity. *Applied Catalysis A: General*, **2010**, 384, 115-121	5.1	9
13	Effect of the catalytic system and operating conditions on BTX formation using tetralin as a model molecule. *Applied Petrochemical Research*, **2019**, 9, 185-198	1.9	7
12	Kinetics of hydrodesulfurization of dimethyldibenzothiophenes in a gas oil narrow-cut fraction and solvent effects. *Applied Catalysis A: General*, **2003**, 252, 295-304	5.1	7
11	Benzene reduction in gasoline range streams by adsorption processes using a PVDC-PVC carbon molecular sieve. *Fuel*, **2014**, 135, 459-467	7.1	6
10	Effect of the experimental conditions on BTX formation from hydrotreated light cycle oil. *Applied Petrochemical Research*, **2020**, 10, 21-34	1.9	4
9	Comparison of different molecular sieves for the liquid phase separation of linear and branched alkanes. *Fuel Processing Technology*, **2014**, 124, 258-266	7.2	4
8	Alternate use of heavy hydrotreatment and visbreaker naphthas by incorporation into diesel. *Fuel Processing Technology*, **2007**, 88, 897-903	7.2	4
7	Effect of the catalyst in the BTX production by hydrocracking of light cycle oil. *Applied Petrochemical Research*, **2021**, 11, 19-38	1.9	4
6	Homogeneous catalyst for in-situ hydrotreating of heavy oils. *Applied Catalysis A: General*, **2019**, 577, 99-106	5.1	3

5	Adsorption of nitrogen compounds from diesel fuels over alumina-based adsorbent towards ULSD production. *Petroleum Science and Technology*, **2017**, 35, 392-398	1.4	2
4	Selective hydrogenation of light cycle oil for BTX and gasoline production purposes. *International Journal of Chemical Reactor Engineering*, **2021**,	1.2	1
3	Effect of the chemical composition of six hydrotreated light cycle oils for benzene, toluene, ethylbenzene, and xylene production by a hydrocracking process. *Applied Petrochemical Research*, **2021**, 11, 249-263	1.9	1
2	Nitrogen compounds removal from oil-derived middle distillates by MIL-101(Cr) and its impact on ULSD production by hydrotreating. *Oil and Gas Science and Technology*, **2021**, 76, 56	1.9	1
1	Upgrading of light cycle oil for ultra low sulphur diesel production by a solvent extraction procedure. *International Journal of Oil, Gas and Coal Technology*, **2019**, 22, 315	0.6	