Isabel Suelves

List of Publications by Year in Descending Order

136 papers	4,212 citations	36 h-index	56 g-index
137 ext. papers	4,627 ext. citations	7.1 avg, IF	5.47 L-index

#	Paper	IF	Citations
136	Direct conversion of almond waste into value-added liquids using carbon-neutral catalysts: Hydrothermal hydrogenation of almond hulls over a Ru/CNF catalyst.. *Science of the Total Environment*, **2022**, 154044	10.2	0
135	Custom-sized graphene oxide for the hydrolysis of cellulose. *Carbon*, **2021**, 175, 429-439	10.4	4
134	On the hydrothermal-enhanced synthesis of highly selective Mo2C catalysts to fully deoxygenated products in the guaiacol HDO reaction. *Journal of Environmental Chemical Engineering*, **2021**, 9, 105146	6.8	2
133	Caffeinating the biofuels market: Effect of the processing conditions during the production of biofuels and high-value chemicals by hydrothermal treatment of residual coffee pulp. *Journal of Cleaner Production*, **2021**, 302, 127008	10.3	1
132	Analysis and optimisation of a novel 'almond-refinery' concept: Simultaneous production of biofuels and value-added chemicals by hydrothermal treatment of almond hulls. *Science of the Total Environment*, **2021**, 765, 142671	10.2	4
131	Sustainable production of liquid biofuels and value-added platform chemicals by hydrodeoxygenation of lignocellulosic bio-oil over a carbon□eutral Mo2C/CNF catalyst. *Chemical Engineering Journal*, **2021**, 405, 126705	14.7	14
130	Non-oxidative decomposition of propane: Ni-Cu/Al2O3 catalyst for the production of CO2-free hydrogen and high-value carbon nanofibers. *Journal of Environmental Chemical Engineering*, **2021**, 9, 105022	6.8	2
129	Lignin to Monoaromatics with a Carbon-Nanofiber-Supported Ni□CeO2□ Catalyst Synthesized in a One-Pot Hydrothermal Process. *ACS Sustainable Chemistry and Engineering*, **2021**, 9, 12800-12812	8.3	2
128	Natural Fe-based catalysts for the production of hydrogen and carbon nanomaterials via methane decomposition. *International Journal of Hydrogen Energy*, **2021**, 46, 35137-35148	6.7	2
127	Capacitance Enhancement of Hydrothermally Reduced Graphene Oxide Nanofibers. *Nanomaterials*, **2020**, 10,	5.4	6
126	Cobalt doping of □Fe/Al2O3 catalysts for the production of hydrogen and high-quality carbon nanotubes by thermal decomposition of methane. *International Journal of Hydrogen Energy*, **2020**, 45, 19313-19323	6.7	7
125	Nanostructured Carbon Material Effect on the Synthesis of Carbon-Supported Molybdenum Carbide Catalysts for Guaiacol Hydrodeoxygenation. *Energies*, **2020**, 13, 1189	3.1	3
124	Graphene oxide nanofibers: A nanocarbon material with tuneable electrochemical properties. *Applied Surface Science*, **2020**, 509, 144774	6.7	13
123	Influence of carburization time on the activity of Mo2C/CNF catalysts for the HDO of guaiacol. *Catalysis Today*, **2020**, 357, 240-247	5.3	9
122	Synthesis and characterization of a supported Pd complex on carbon nanofibers for the selective decarbonylation of stearic acid to 1-heptadecene: the importance of subnanometric Pd dispersion. *Catalysis Science and Technology*, **2020**, 10, 2970-2985	5.5	1
121	Scanning different Ni-noble metal (Pt, Pd, Ru) bimetallic nanoparticles supported on carbon nanofibers for one-pot cellobiose conversion. *Applied Catalysis A: General*, **2019**, 585, 117182	5.1	12
120	Towards a sustainable bio-fuels production from lignocellulosic bio-oils: Influence of operating conditions on the hydrodeoxygenation of guaiacol over a Mo2C/CNF catalyst. *Fuel Processing Technology*, **2019**, 191, 111-120	7.2	20

119	Performance and stability of counter electrodes based on reduced few-layer graphene oxide sheets and reduced graphene oxide quantum dots for dye-sensitized solar cells. *Electrochimica Acta* , **2019**, 306, 396-406	6.7	23
118	Screening of Ni-Cu bimetallic catalysts for hydrogen and carbon nanofilaments production via catalytic decomposition of methane. *Applied Catalysis A: General*, **2018**, 559, 10-19	5.1	34
117	Co-, Cu- and Fe-Doped Ni/Al2O3 Catalysts for the Catalytic Decomposition of Methane into Hydrogen and Carbon Nanofibers. *Catalysts*, **2018**, 8, 300	4	25
116	Carbon nanofiber supported Mo2C catalysts for hydrodeoxygenation of guaiacol: The importance of the carburization process. *Applied Catalysis B: Environmental*, **2018**, 239, 463-474	21.8	59
115	Effect of carbon-based materials and CeO2 on Ni catalysts for Kraft lignin liquefaction in supercritical water. *Green Chemistry*, **2018**, 20, 4308-4318	10	18
114	Liquid-Phase Hydrodeoxygenation of Guaiacol over Mo2C Supported on Commercial CNF. Effects of Operating Conditions on Conversion and Product Selectivity. *Catalysts*, **2018**, 8, 127	4	20
113	Unzipping of multi-wall carbon nanotubes with different diameter distributions: Effect on few-layer graphene oxide obtention. *Applied Surface Science*, **2017**, 424, 101-110	6.7	18
112	H 2 -rich gases production from Catalytic Decomposition of Biogas: Viability of the process associated to the co-production of carbon nanofibers. *International Journal of Hydrogen Energy*, **2017**, 42, 23484-23493	6.7	5
111	Enhanced Reduction of Few-Layer Graphene Oxide via Supercritical Water Gasification of Glycerol. *Nanomaterials*, **2017**, 7,	5.4	11
110	Ni-Co bimetallic catalysts for the simultaneous production of carbon nanofibres and syngas through biogas decomposition. *Applied Catalysis B: Environmental*, **2017**, 200, 255-264	21.8	32
109	Analysis of the strategies for bridging the gap towards the Hydrogen Economy. *International Journal of Hydrogen Energy*, **2016**, 41, 19500-19508	6.7	108
108	Graphene quantum dots from fishbone carbon nanofibers. *RSC Advances*, **2016**, 6, 48504-48514	3.7	14
107	Bio-oil upgrading in supercritical water using Ni-Co catalysts supported on carbon nanofibres. *Fuel Processing Technology*, **2016**, 154, 178-187	7.2	23
106	Acid treated carbon nanofibers as catalytic support for heavy oil hydroprocessing. *Catalysis Today*, **2015**, 249, 79-85	5.3	9
105	Effect of the synthesis conditions of Ni/Al2O3 catalysts on the biogas decomposition to produce H2-rich gas and carbon nanofibers. *Applied Catalysis B: Environmental*, **2015**, 165, 457-465	21.8	13
104	On the oxidation degree of few-layer graphene oxide sheets obtained from chemically oxidized multiwall carbon nanotubes. *Carbon*, **2015**, 81, 405-417	10.4	45
103	Ni-MoS2 supported on carbon nanofibers as hydrogenation catalysts: Effect of support functionalisation. *Carbon*, **2015**, 81, 574-586	10.4	31
102	Relationship between carbon morphology and catalyst deactivation in the catalytic decomposition of biogas using Ni, Co and Fe based catalysts. *Fuel*, **2015**, 139, 71-78	7.1	29

101	Hydrogen and multiwall carbon nanotubes production by catalytic decomposition of methane: Thermogravimetric analysis and scaling-up of Fe□Mo catalysts. *International Journal of Hydrogen Energy*, **2014**, 39, 3698-3709	6.7	54
100	Carbon nanofibres coated with Ni decorated MoS2 nanosheets as catalyst for vacuum residue hydroprocessing. *Applied Catalysis B: Environmental*, **2014**, 148-149, 357-365	21.8	28
99	Oxidized carbon nanofibers supporting PtRu nanoparticles for direct methanol fuel cells. *International Journal of Hydrogen Energy*, **2014**, 39, 5414-5423	6.7	28
98	The effect of carbon nanofiber properties as support for PtRu nanoparticles on the electrooxidation of alcohols. *Applied Catalysis B: Environmental*, **2013**, 132-133, 13-21	21.8	45
97	CH4 and CO2 partial pressures influence and deactivation study on the Catalytic Decomposition of Biogas over a Ni catalyst. *Fuel*, **2013**, 111, 778-783	7.1	11
96	On the importance of the structure in the electrical conductivity of fishbone carbon nanofibers. *Journal of Materials Science*, **2013**, 48, 1423-1435	4.3	23
95	Catalytic decomposition of biogas to produce hydrogen rich fuels for SI engines and valuable nanocarbons. *International Journal of Hydrogen Energy*, **2013**, 38, 15084-15091	6.7	10
94	Tailored synthesis of organised mesoporous aluminas prepared by non-ionic surfactant templating using a Box-Wilson CCF design. *Microporous and Mesoporous Materials*, **2013**, 179, 69-77	5.3	4
93	Optimizing the synthesis of carbon nanofiber based electrocatalysts for fuel cells. *Applied Catalysis B: Environmental*, **2013**, 132-133, 22-27	21.8	41
92	Preparation of polymer composites using nanostructured carbon produced at large scale by catalytic decomposition of methane. *Materials Chemistry and Physics*, **2013**, 137, 859-865	4.4	5
91	Nanostructured Carbon Materials as Supports in the Preparation of Direct Methanol Fuel Cell Electrocatalysts. *Catalysts*, **2013**, 3, 671-682	4	13
90	Metallic and carbonaceous □based catalysts performance in the solar catalytic decomposition of methane for hydrogen and carbon production. *International Journal of Hydrogen Energy*, **2012**, 37, 9645-9655	6.7	25
89	Graphitized carbon nanofibers for use as anodes in lithium-ion batteries: Importance of textural and structural properties. *Journal of Power Sources*, **2012**, 198, 303-307	8.9	24
88	Efficiency and emissions in a vehicle spark ignition engine fueled with hydrogen and methane blends. *International Journal of Hydrogen Energy*, **2012**, 37, 11495-11503	6.7	59
87	Hydrogen production by catalytic decomposition of methane using a Fe-based catalyst in a fluidized bed reactor. *Journal of Natural Gas Chemistry*, **2012**, 21, 367-373		38
86	Response to the comments on □Metallic and carbonaceous-based catalysts performance in the solar catalytic decomposition of methane for hydrogen and carbon production□by A. Rollinson. *International Journal of Hydrogen Energy*, **2012**, 37, 14716-14717	6.7	2
85	Influence of the inherent metal species on the graphitization of methane-based carbon nanofibers. *Carbon*, **2012**, 50, 5387-5394	10.4	18
84	The influence of carbon nanofiber support properties on the oxygen reduction behavior in proton conducting electrolyte-based direct methanol fuel cells. *International Journal of Hydrogen Energy*, **2012**, 37, 6253-6260	6.7	28

83	Catalytic decomposition of biogas to produce H2-rich fuel gas and carbon nanofibers. Parametric study and characterization. *International Journal of Hydrogen Energy*, **2012**, 37, 7067-7076	6.7	24
82	Enhanced oxygen reduction activity and durability of Pt catalysts supported on carbon nanofibers. *Applied Catalysis B: Environmental*, **2012**, 115-116, 269-275	21.8	105
81	A multicriteria approach for evaluating high temperature hydrogen production processes. *International Journal of Multicriteria Decision Making*, **2011**, 1, 177	0.9	4
80	Soot oxidation in the presence of NO over alumina-supported bimetallic catalysts KMe (Me=Cu, Co, V). *Catalysis Today*, **2011**, 176, 361-364	5.3	11
79	Catalytic decomposition of methane for the simultaneous co-production of CO2-free hydrogen and carbon nanofibre based polymers. *Fuel*, **2011**, 90, 430-432	7.1	17
78	Catalytic decomposition of methane and methane/CO2 mixtures to produce synthesis gas and nanostructured carbonaceous material. *Fuel*, **2011**, 90, 2245-2253	7.1	28
77	Ni- and Fe-based catalysts for hydrogen and carbon nanofilament production by catalytic decomposition of methane in a rotary bed reactor. *Fuel Processing Technology*, **2011**, 92, 1480-1488	7.2	58
76	High temperature iron-based catalysts for hydrogen and nanostructured carbon production by methane decomposition. *International Journal of Hydrogen Energy*, **2011**, 36, 7832-7843	6.7	89
75	Formation of hydrogen and filamentous carbon over a NiCuAl2O3 catalyst through ethane decomposition. *Applied Catalysis A: General*, **2011**, 394, 220-227	5.1	8
74	H2CH4 Mixtures Produced by Carbon-Catalyzed Methane Decomposition as a Fuel for Internal Combustion Engines *Energy & Fuels*, **2010**, 24, 3340-3345	4.1	15
73	The graphitization of carbon nanofibers produced by catalytic decomposition of methane: Synergetic effect of the inherent Ni and Si. *Fuel*, **2010**, 89, 2160-2162	7.1	20
72	Parametric study of the decomposition of methane using a NiCu/Al2O3 catalyst in a fluidized bed reactor. *International Journal of Hydrogen Energy*, **2010**, 35, 9801-9809	6.7	60
71	Influence of carbon nanofiber properties as electrocatalyst support on the electrochemical performance for PEM fuel cells. *International Journal of Hydrogen Energy*, **2010**, 35, 9934-9942	6.7	92
70	Characterization of nanofibrous carbon produced at pilot-scale in a fluidized bed reactor by methane decomposition. *Chemical Engineering Journal*, **2010**, 156, 170-176	14.7	15
69	The effect of the functionalization of carbon nanofibers on their electronic conductivity. *Carbon*, **2010**, 48, 4421-4431	10.4	97
68	Study of the surface chemistry of modified carbon nanofibers by oxidation treatments in liquid phase. *Journal of Nanoscience and Nanotechnology*, **2009**, 9, 4164-9	1.3	25
67	A novel rotary reactor configuration for simultaneous production of hydrogen and carbon nanofibers. *International Journal of Hydrogen Energy*, **2009**, 34, 8016-8022	6.7	28
66	Carbon nanofibers as electrocatalyst support for fuel cells: Effect of hydrogen on their properties in CH4 decomposition. *Journal of Power Sources*, **2009**, 192, 51-56	8.9	33

65	Effects of reaction conditions on hydrogen production and carbon nanofiber properties generated by methane decomposition in a fixed bed reactor using a NiCuAl catalyst. *Journal of Power Sources*, **2009**, 192, 35-42	8.9	52
64	Influence on hydrogen production of the minor components of natural gas during its decomposition using carbonaceous catalysts. *Journal of Power Sources*, **2009**, 192, 100-106	8.9	28
63	Influence of nickel crystal domain size on the behaviour of Ni and NiCu catalysts for the methane decomposition reaction. *Applied Catalysis A: General*, **2009**, 363, 199-207	5.1	47
62	The graphitization of carbon nanofibers produced by the catalytic decomposition of natural gas. *Carbon*, **2009**, 47, 2563-2570	10.4	35
61	Carbon nanofiber growth optimization for their use as electrocatalyst support in proton exchange membrane (PEM) fuel cells. *Journal of Nanoscience and Nanotechnology*, **2009**, 9, 4353-9	1.3	14
60	Characterization of carbon nanofibers grown over Ni and Ni-cu catalysts. *Journal of Nanoscience and Nanotechnology*, **2009**, 9, 4170-9	1.3	2
59	Kinetic study of the thermal decomposition of methane using carbonaceous catalysts. *Chemical Engineering Journal*, **2008**, 138, 301-306	14.7	68
58	Carbonaceous materials as catalysts for decomposition of methane. *Chemical Engineering Journal*, **2008**, 140, 432-438	14.7	73
57	Activity of NiCuAl catalyst in methane decomposition studied using a thermobalance and the structural changes in the Ni and the deposited carbon. *International Journal of Hydrogen Energy*, **2008**, 33, 2515-2524	6.7	48
56	NiMg and NiCuMg catalysts for simultaneous production of hydrogen and carbon nanofibersThe effect of calcination temperature. *International Journal of Hydrogen Energy*, **2008**, 33, 1719-1728	6.7	35
55	TiO2 as textural promoter on high loaded Ni catalysts for methane decomposition. *International Journal of Hydrogen Energy*, **2008**, 33, 3320-3329	6.7	51
54	Study of the deactivation mechanism of carbon blacks used in methane decomposition. *International Journal of Hydrogen Energy*, **2008**, 33, 4104-4111	6.7	59
53	Thermo catalytic decomposition of methane over NiMg and NiCuMg catalysts. *Applied Catalysis A: General*, **2007**, 333, 229-237	5.1	66
52	Decomposition of methane over Ni-SiO2 and Ni-Cu-SiO2 catalysts: Effect of catalyst preparation method. *Applied Catalysis A: General*, **2007**, 329, 22-29	5.1	74
51	Hydrogen production by methane decarbonization: Carbonaceous catalysts. *International Journal of Hydrogen Energy*, **2007**, 32, 3320-3326	6.7	97
50	Production of hydrogen and carbon nanofibers by thermal decomposition of methane using metal catalysts in a fluidized bed reactor. *International Journal of Hydrogen Energy*, **2007**, 32, 4821-4829	6.7	90
49	Hydrogen production by thermocatalytic decomposition of methane over Ni-Al and Ni-Cu-Al catalysts: Effect of calcination temperature. *Journal of Power Sources*, **2007**, 169, 150-157	8.9	94
48	Hydrogen production by thermo-catalytic decomposition of methane: Regeneration of active carbons using CO2. *Journal of Power Sources*, **2007**, 169, 103-109	8.9	61

47	Characterization of NiAl and NiCuAl catalysts prepared by different methods for hydrogen production by thermo catalytic decomposition of methane. *Catalysis Today*, **2006**, 116, 271-280	5.3	113
46	On-site production of hydrogen from mineral waste oils by thermocatalytic decomposition: an Aragon case study. *Environmental Science & Technology*, **2005**, 39, 6871-6	10.3	2
45	Thermocatalytic decomposition of methane over activated carbons: influence of textural properties and surface chemistry. *International Journal of Hydrogen Energy*, **2005**, 30, 293-300	6.7	161
44	Hydrogen production by thermo catalytic decomposition of methane on Ni-based catalysts: influence of operating conditions on catalyst deactivation and carbon characteristics. *International Journal of Hydrogen Energy*, **2005**, 30, 1555-1567	6.7	133
43	Low cost catalytic sorbents for NOx reduction. 3. NO reduction tests using NH3 as reducing agent. *Fuel*, **2004**, 83, 875-884	7.1	16
42	Solvent degradation during coal liquefaction in a flowing-solvent reactor. *Fuel*, **2004**, 83, 157-179	7.1	11
41	Matching average masses of pitch fractions of narrow polydispersity, derived from matrix-assisted laser desorption ionisation time-of-flight mass spectrometry, with the polystyrene calibration of SEC. *Journal of Separation Science*, **2003**, 26, 1422-1428	3.4	32
40	Chromatographic separations enabling the structural characterisation of heavy petroleum residues. *Fuel*, **2003**, 82, 1-14	7.1	51
39	Low cost catalytic sorbents for NOx reduction. 2. Tests with no reduction reactives?. *Fuel*, **2003**, 82, 771-782	7.1	15
38	Metal-ion pillared clays as hydrocracking catalysts (II): effect of contact time on products from coal extracts and petroleum distillation residues?. *Fuel*, **2003**, 82, 2309-2321	7.1	17
37	The unusual properties of high mass materials from coal-derived liquids?. *Fuel*, **2003**, 82, 1813-1823	7.1	33
36	Comparison of the Quaternary Aromatic Carbon Contents of a Coal, a Coal Extract, and Its Hydrocracking Products by NMR Methods. *Energy & Fuels*, **2003**, 17, 1616-1629	4.1	19
35	Trace-Element Partitioning between Fractions of Coal Liquids during Column Chromatography and Solvent Separation. *Energy & Fuels*, **2003**, 17, 862-873	4.1	27
34	Structure and composition of coal tars: An attempt to correlate molecular structure with increasing molecular mass. *Combustion Science and Technology*, **2003**, 175, 775-791	1.5	15
33	Synergetic effects in the co-pyrolysis of samca coal and a model aliphatic compound studied by analytical pyrolysis. *Journal of Analytical and Applied Pyrolysis*, **2002**, 65, 197-206	6	34
32	Co-pyrolysis of a mineral waste oil/coal slurry in a continuous-mode fluidized bed reactor. *Journal of Analytical and Applied Pyrolysis*, **2002**, 65, 239-252	6	33
31	Pyrolysis-gas chromatography/mass spectrometry of pitch fractions recovered from preparative size exclusion chromatography: structural differences with increasing molecular size. *Rapid Communications in Mass Spectrometry*, **2002**, 16, 481-495	2.2	13
30	Pyrolysis-gas chromatography/mass spectrometry of fractions separated from a low-temperature coal tar: an attempt to develop a general method for characterising structures and compositions of heavy hydrocarbon liquids. *Rapid Communications in Mass Spectrometry*, **2002**, 16, 774-84	2.2	36

29	Catalytic hydrocracking of primary maceral concentrate extracts prepared in a flowing solvent reactor. *Fuel*, **2002**, 81, 185-202	7.1	11
28	Metal-ion pillared clays as hydrocracking catalysts (I): Catalyst preparation and assessment of performance at short contact times. *Fuel*, **2002**, 81, 449-459	7.1	17
27	Low cost catalytic sorbents for NOx reduction. 1. Preparation and characterization of coal char impregnated with model vanadium components and petroleum coke ash. *Fuel*, **2002**, 81, 1281-1296	7.1	34
26	Structural characterization of products from fuel-rich combustion: An approach based on size exclusion chromatography. *Combustion Science and Technology*, **2002**, 174, 345-359	1.5	18
25	Characterization of Chars Obtained from Co-pyrolysis of Coal and Petroleum Residues. *Energy & Fuels*, **2002**, 16, 878-886	4.1	14
24	Effects of Air-Blowing on the Molecular Size and Structure of Coal-Tar Pitch Components. *Energy & Fuels*, **2002**, 16, 1540-1549	4.1	20
23	Pyrolysis-gas chromatography/mass spectrometry of pitch fractions recovered from preparative size exclusion chromatography: structural differences with increasing molecular size **2002**, 16, 481		1
22	Pyrolysis of Baltic amber in a wire-mesh pyrolysis reactor: structural comparison of the tars with amber extracts in NMP. *Journal of Analytical and Applied Pyrolysis*, **2001**, 58-59, 299-313	6	22
21	Structural characterisation of Baltic amber and its solvent extracts by several mass spectrometric methods. *Rapid Communications in Mass Spectrometry*, **2001**, 15, 845-56	2.2	14
20	Study of the polymerization of anthracene oil with AlCl3 by chromatography and related techniques. *Journal of Chromatography A*, **2001**, 919, 255-66	4.5	12
19	Characterisation of tars from the co-pyrolysis of waste lubricating oils with coal. *Fuel*, **2001**, 80, 179-194	7.1	42
18	A comparative study of the composition of anthracene oil polymerized by different treatments. *Fuel*, **2001**, 80, 2155-2162	7.1	18
17	Effects of thermal treatment on the composition and properties of air-blown anthracene oils. *Fuel*, **2001**, 80, 1229-1238	7.1	15
16	Comparison of Fractionation Methods for the Structural Characterization of Petroleum Residues. *Energy & Fuels*, **2001**, 15, 429-437	4.1	36
15	On the Chemical Composition of Thermally Treated Coal-Tar Pitches. *Energy & Fuels*, **2001**, 15, 214-223	4.1	19
14	Structural Characterization of High-Softening-Point Pitches By Oxidation with RuO4. *Energy & Fuels*, **2001**, 15, 128-134	4.1	7
13	Fractionation of Coal Extracts Prior to Hydrocracking: An Attempt to Link Sample Structure to Conversion Levels and Catalyst Fouling. *Energy & Fuels*, **2001**, 15, 1153-1165	4.1	9
12	Structural Features of Large Molecular Mass Material in Coal-Derived Liquids: Catalytic Hydrocracking of the Pyridine-Insoluble Fraction of a Coal-Tar Pitch. *European Journal of Mass Spectrometry*, **2000**, 6, 39-48	1.1	20

11	Pyrolysis-gas chromatography/mass spectrometry of a coal extract and its fractions separated by planar chromatography: correlation of structural features with molecular mass. *Rapid Communications in Mass Spectrometry*, **2000**, 14, 1766-82	2.2	32
10	Structural effects of sample ageing in hydrocracked coal liquefaction extracts. *Fuel*, **2000**, 79, 1423-1429	7.1	6
9	Synergetic effects in the co-pyrolysis of coal and petroleum residues: influences of coal mineral matter and petroleum residue mass ratio. *Journal of Analytical and Applied Pyrolysis*, **2000**, 55, 29-41	6	51
8	Behaviour of different industrial waste oils in a pyrolysis process: metals distribution and valuable products. *Journal of Analytical and Applied Pyrolysis*, **2000**, 55, 171-183	6	49
7	Valuable Products from Mineral Waste Oils Containing Heavy Metals. *Environmental Science & Technology*, **2000**, 34, 3205-3210	10.3	25
6	Size Exclusion Chromatography of Soots and Coal-Derived Materials with 1-Methyl-2-pyrrolidinone as Eluent: Observations on High Molecular Mass Material. *Energy & Fuels*, **2000**, 14, 1009-1020	4.1	42
5	Pyrolysis-gas chromatography/mass spectrometry of a coal extract and its fractions separated by planar chromatography: correlation of structural features with molecular mass **2000**, 14, 1766		1
4	Co-Pyrolysis of Coals and Lube Oil Wastes in a Bench-Scale Unit. *Energy & Fuels*, **1999**, 13, 907-913	4.1	14
3	Non-isothermal versus isothermal technique to evaluate kinetic parameters of coal pyrolysis. *Journal of Analytical and Applied Pyrolysis*, **1998**, 47, 111-125	6	46
2	Synergetic Effects in the Copyrolysis of Coal/Petroleum Residue Mixtures by Pyrolysis/Gas Chromatography:Influence of Temperature, Pressure, and Coal Nature. *Energy & Fuels*, **1998**, 12, 963-968	4.1	28
1	Valorization of Lube Oil Waste by Pyrolysis. *Energy & Fuels*, **1997**, 11, 1165-1170	4.1	27