

Peter A Jensen

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143
papers

8,900
citations

50
h-index

92
g-index

143
ext. papers

9,828
ext. citations

6.5
avg, IF

6.21
L-index

#	Paper	IF	Citations
143	A review of catalytic upgrading of bio-oil to engine fuels. <i>Applied Catalysis A: General</i> , 2011 , 407, 1-19	5.1	1228
142	Oxy-fuel combustion of solid fuels. <i>Progress in Energy and Combustion Science</i> , 2010 , 36, 581-625	33.6	819
141	Transformation and Release to the Gas Phase of Cl, K, and S during Combustion of Annual Biomass. <i>Energy & Fuels</i> , 2004 , 18, 1385-1399	4.1	431
140	Experimental Investigation of the Transformation and Release to Gas Phase of Potassium and Chlorine during Straw Pyrolysis. <i>Energy & Fuels</i> , 2000 , 14, 1280-1285	4.1	304
139	Screening of Catalysts for Hydrodeoxygenation of Phenol as a Model Compound for Bio-oil. <i>ACS Catalysis</i> , 2013 , 3, 1774-1785	13.1	294
138	Influence of fast pyrolysis temperature on biochar labile fraction and short-term carbon loss in a loamy soil. <i>Biomass and Bioenergy</i> , 2011 , 35, 1182-1189	5.3	227
137	Reactor design for minimizing product inhibition during enzymatic lignocellulose hydrolysis: I. Significance and mechanism of cellobiose and glucose inhibition on cellulolytic enzymes. <i>Biotechnology Advances</i> , 2010 , 28, 308-24	17.8	219
136	Release to the Gas Phase of Inorganic Elements during Wood Combustion. Part 2: Influence of Fuel Composition. <i>Energy & Fuels</i> , 2008 , 22, 1598-1609	4.1	217
135	Numerical modeling of straw combustion in a fixed bed. <i>Fuel</i> , 2005 , 84, 389-403	7.1	167
134	Release to the Gas Phase of Inorganic Elements during Wood Combustion. Part 1: Development and Evaluation of Quantification Methods. <i>Energy & Fuels</i> , 2006 , 20, 964-978	4.1	154
133	Sulfur Transformations during Thermal Conversion of Herbaceous Biomass. <i>Energy & Fuels</i> , 2004 , 18, 810-819	4.1	154
132	Shedding of ash deposits. <i>Progress in Energy and Combustion Science</i> , 2009 , 35, 31-56	33.6	127
131	Ash transformation during co-firing coal and straw. <i>Fuel</i> , 2007 , 86, 1008-1020	7.1	127
130	Transportation fuels from biomass fast pyrolysis, catalytic hydrodeoxygenation, and catalytic fast hydrolysis. <i>Progress in Energy and Combustion Science</i> , 2018 , 68, 268-309	33.6	122
129	Reactor design for minimizing product inhibition during enzymatic lignocellulose hydrolysis: II. Quantification of inhibition and suitability of membrane reactors. <i>Biotechnology Advances</i> , 2010 , 28, 407-25	17.8	118
128	High-temperature entrained flow gasification of biomass. <i>Fuel</i> , 2012 , 93, 589-600	7.1	115
127	Comparison of Lignin, Macroalgae, Wood, and Straw Fast Pyrolysis. <i>Energy & Fuels</i> , 2013 , 27, 1399-1409	11.1	111

126	Release of Chlorine and Sulfur during Biomass Torrefaction and Pyrolysis. <i>Energy & Fuels</i> , 2014 , 28, 3738-3746	4.1	103
125	Simultaneous Thermal Analysis (STA) on Ash from High-Alkali Biomass. <i>Energy & Fuels</i> , 2004 , 18, 1066-1076	4.1	100
124	Effects of H ₂ S and process conditions in the synthesis of mixed alcohols from syngas over alkali promoted cobalt-molybdenum sulfide. <i>Applied Catalysis A: General</i> , 2009 , 366, 29-43	5.1	99
123	Heat transfer in ash deposits: A modelling tool-box. <i>Progress in Energy and Combustion Science</i> , 2005 , 31, 371-421	33.6	95
122	Direct upgrading of fast pyrolysis lignin vapor over the HZSM-5 catalyst. <i>Green Chemistry</i> , 2016 , 18, 1965-1975	10.75	92
121	Deposition Investigation in Straw-Fired Boilers. <i>Energy & Fuels</i> , 1997 , 11, 1048-1055	4.1	91
120	Influence on nickel particle size on the hydrodeoxygenation of phenol over Ni/SiO ₂ . <i>Catalysis Today</i> , 2016 , 259, 277-284	5.3	87
119	Pretreatment of straw for power production by pyrolysis and char wash. <i>Biomass and Bioenergy</i> , 2001 , 20, 431-446	5.3	85
118	The Influence of Inorganic Materials on the Thermal Deactivation of Fuel Chars. <i>Energy & Fuels</i> , 2001 , 15, 1110-1122	4.1	85
117	Release of Potassium from the Systems K ₂ CO ₃ and K ₂ SO ₄ . <i>Energy & Fuels</i> , 2009 , 23, 3423-3428	4.1	82
116	Coal devolatilization and char conversion under suspension fired conditions in O ₂ /N ₂ and O ₂ /CO ₂ atmospheres. <i>Fuel</i> , 2010 , 89, 3373-3380	7.1	82
115	Dynamic mechanistic model of superheater deposit growth and shedding in a biomass fired grate boiler. <i>Fuel</i> , 2007 , 86, 1519-1533	7.1	79
114	Activity and stability of Mo ₂ C/ZrO ₂ as catalyst for hydrodeoxygenation of mixtures of phenol and 1-octanol. <i>Journal of Catalysis</i> , 2015 , 328, 208-215	7.3	78
113	Biomass Gasification Behavior in an Entrained Flow Reactor: Gas Product Distribution and Soot Formation. <i>Energy & Fuels</i> , 2012 , 26, 5992-6002	4.1	78
112	SEM Investigation of Superheater Deposits from Biomass-Fired Boilers. <i>Energy & Fuels</i> , 2004 , 18, 378-384	4.1	76
111	Influence of fast pyrolysis conditions on yield and structural transformation of biomass chars. <i>Fuel Processing Technology</i> , 2015 , 140, 205-214	7.2	75
110	Influence of the Pyrolysis Temperature on Sewage Sludge Product Distribution, Bio-Oil, and Char Properties. <i>Energy & Fuels</i> , 2013 , 27, 1419-1427	4.1	72
109	Experimental study of char thermal deactivation. <i>Fuel</i> , 2002 , 81, 1065-1075	7.1	70

108	Effects of several types of biomass fuels on the yield, nanostructure and reactivity of soot from fast pyrolysis at high temperatures. <i>Applied Energy</i> , 2016 , 171, 468-482	10.7	70
107	Secondary Capture of Chlorine and Sulfur during Thermal Conversion of Biomass. <i>Energy & Fuels</i> , 2005 , 19, 606-617	4.1	66
106	Effect and modeling of glucose inhibition and in situ glucose removal during enzymatic hydrolysis of pretreated wheat straw. <i>Applied Biochemistry and Biotechnology</i> , 2010 , 160, 280-97	3.2	61
105	Removal of K and Cl by leaching of straw char. <i>Biomass and Bioenergy</i> , 2001 , 20, 447-457	5.3	61
104	Ash transformation and deposit build-up during biomass suspension and grate firing: Full-scale experimental studies. <i>Fuel Processing Technology</i> , 2012 , 97, 93-106	7.2	59
103	Experimental Study on Effects of Particle Shape and Operating Conditions on Combustion Characteristics of Single Biomass Particles. <i>Energy & Fuels</i> , 2013 , 27, 507-514	4.1	58
102	Release and Transformation of Inorganic Elements in Combustion of a High-Phosphorus Fuel. <i>Energy & Fuels</i> , 2011 , 25, 2874-2886	4.1	58
101	Suspension Combustion of Wood: Influence of Pyrolysis Conditions on Char Yield, Morphology, and Reactivity. <i>Energy & Fuels</i> , 2008 , 22, 2955-2962	4.1	58
100	Stability and resistance of nickel catalysts for hydrodeoxygenation: carbon deposition and effects of sulfur, potassium, and chlorine in the feed. <i>Catalysis Science and Technology</i> , 2014 , 4, 3672-3686	5.5	57
99	Co-combustion of pulverized coal and solid recovered fuel in an entrained flow reactor [General combustion and ash behaviour. <i>Fuel</i> , 2011 , 90, 1980-1991	7.1	57
98	Effect of fast pyrolysis conditions on biomass solid residues at high temperatures. <i>Fuel Processing Technology</i> , 2016 , 143, 118-129	7.2	55
97	Impact of coal fly ash addition on ash transformation and deposition in a full-scale wood suspension-firing boiler. <i>Fuel</i> , 2013 , 113, 632-643	7.1	55
96	Dust-Firing of Straw and Additives: Ash Chemistry and Deposition Behavior. <i>Energy & Fuels</i> , 2011 , 25, 2862-2873	4.1	52
95	A kinetic study of gaseous potassium capture by coal minerals in a high temperature fixed-bed reactor. <i>Fuel</i> , 2008 , 87, 3304-3312	7.1	52
94	Retention of Organic Elements during Solid Fuel Pyrolysis with Emphasis on the Peculiar Behavior of Nitrogen. <i>Energy & Fuels</i> , 2005 , 19, 1631-1643	4.1	50
93	Comparison of high temperature chars of wheat straw and rice husk with respect to chemistry, morphology and reactivity. <i>Biomass and Bioenergy</i> , 2016 , 86, 76-87	5.3	48
92	Influence of Biomass Chemical Properties on Torrefaction Characteristics. <i>Energy & Fuels</i> , 2013 , 27, 7541-7548	4.1	47
91	Trace elements in co-combustion of solid recovered fuel and coal. <i>Fuel Processing Technology</i> , 2013 , 105, 212-221	7.2	47

90	Fast Pyrolysis of Lignin Using a Pyrolysis Centrifuge Reactor. <i>Energy & Fuels</i> , 2013 , 27, 3802-3810	4.1	46
89	Deactivation of Ni-MoS ₂ by bio-oil impurities during hydrodeoxygenation of phenol and octanol. <i>Applied Catalysis A: General</i> , 2016 , 523, 159-170	5.1	43
88	Catalytic Conversion of Syngas into Higher Alcohols over Carbide Catalysts. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 4161-4172	3.9	40
87	Characterization of free radicals by electron spin resonance spectroscopy in biochars from pyrolysis at high heating rates and at high temperatures. <i>Biomass and Bioenergy</i> , 2016 , 94, 117-129	5.3	39
86	Characterization of Residual Particulates from Biomass Entrained Flow Gasification. <i>Energy & Fuels</i> , 2013 , 27, 262-270	4.1	38
85	Atmospheric Hydrodeoxygenation of Biomass Fast Pyrolysis Vapor by MoO ₃ . <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 5432-5440	8.3	37
84	Effects of Feed Composition and Feed Impurities in the Catalytic Conversion of Syngas to Higher Alcohols over Alkali-Promoted Cobalt-Molybdenum Sulfide. <i>Industrial & Engineering Chemistry Research</i> , 2011 , 50, 7949-7963	3.9	37
83	Aerosol Formation during the Combustion of Straw with Addition of Sorbents. <i>Energy & Fuels</i> , 2007 , 21, 699-709	4.1	36
82	Ash Properties of Alternative Biomass. <i>Energy & Fuels</i> , 2009 , 23, 1965-1976	4.1	34
81	Modelling solid-convective flash pyrolysis of straw and wood in the Pyrolysis Centrifuge Reactor. <i>Biomass and Bioenergy</i> , 2009 , 33, 999-1011	5.3	32
80	Devolatilization kinetics of woody biomass at short residence times and high heating rates and peak temperatures. <i>Applied Energy</i> , 2016 , 162, 245-256	10.7	31
79	Impact of ZSM-5 Deactivation on Bio-Oil Quality during Upgrading of Straw Derived Pyrolysis Vapors. <i>Energy & Fuels</i> , 2019 , 33, 397-412	4.1	31
78	Enhancing bio-oil quality and energy recovery by atmospheric hydrodeoxygenation of wheat straw pyrolysis vapors using Pt and Mo-based catalysts. <i>Sustainable Energy and Fuels</i> , 2020 , 4, 1991-2008	5.8	30
77	Potassium Capture by Kaolin, Part 2: K ₂ CO ₃ , KCl, and K ₂ SO ₄ . <i>Energy & Fuels</i> , 2018 , 32, 3566-3578	4.1	28
76	Experimental Investigation of Ash Deposit Shedding in a Straw-Fired Boiler. <i>Energy & Fuels</i> , 2006 , 20, 512-519	4.1	28
75	Entrained flow gasification of coal/bio-oil slurries. <i>Energy</i> , 2016 , 111, 793-802	7.9	27
74	Potassium Capture by Kaolin, Part 1: KOH. <i>Energy & Fuels</i> , 2018 , 32, 1851-1862	4.1	26
73	Suspension-Firing of Biomass. Part 1: Full-Scale Measurements of Ash Deposit Build-up. <i>Energy & Fuels</i> , 2012 , 26, 2317-2330	4.1	26

72	Coupling of Alcohols over Alkali-Promoted Cobalt-Molybdenum Sulfide. <i>ChemCatChem</i> , 2010 , 2, 523-526	5.2	26
71	Alkali/Chloride release during refuse incineration on a grate: Full-scale experimental findings. <i>Fuel Processing Technology</i> , 2008 , 89, 528-539	7.2	26
70	Performance of diesel particulate filter catalysts in the presence of biodiesel ash species. <i>Fuel</i> , 2013 , 106, 234-240	7.1	25
69	Modeling char conversion under suspension fired conditions in O ₂ /N ₂ and O ₂ /CO ₂ atmospheres. <i>Fuel</i> , 2011 , 90, 2224-2239	7.1	25
68	The Effects of Ca-Based Sorbents on Sulfur Retention in Bottom Ash from Grate-Fired Annual Biomass. <i>Energy & Fuels</i> , 2006 , 20, 796-806	4.1	25
67	Catalytic deoxygenation of vapors obtained from ablative fast pyrolysis of wheat straw using mesoporous HZSM-5. <i>Fuel Processing Technology</i> , 2019 , 194, 106119	7.2	24
66	Biomass ash induced agglomeration in fluidized bed. Part 2: Effect of potassium salts in different gas composition. <i>Fuel Processing Technology</i> , 2018 , 180, 130-139	7.2	24
65	Deoxygenation of Wheat Straw Fast Pyrolysis Vapors using HZSM-5, Al ₂ O ₃ , HZSM-5/Al ₂ O ₃ Extrudates, and Desilicated HZSM-5/Al ₂ O ₃ Extrudates. <i>Energy & Fuels</i> , 2019 , 33, 6405-6420	4.1	22
64	Extension of apparent devolatilization kinetics from thermally thin to thermally thick particles in zero dimensions for woody biomass. <i>Energy</i> , 2016 , 95, 279-290	7.9	22
63	Fly Ash Formation during Suspension Firing of Biomass: Effects of Residence Time and Fuel Type. <i>Energy & Fuels</i> , 2017 , 31, 555-570	4.1	21
62	Catalytic Hydropyrolysis of Biomass Using Molybdenum Sulfide Based Catalyst. Effect of Promoters. <i>Energy & Fuels</i> , 2019 , 33, 1302-1313	4.1	21
61	Deoxygenation of wheat straw fast pyrolysis vapors over Na-Al ₂ O ₃ catalyst for production of bio-oil with low acidity. <i>Chemical Engineering Journal</i> , 2020 , 394, 124878	14.7	21
60	Suspension-Firing of Biomass. Part 2: Boiler Measurements of Ash Deposit Shedding. <i>Energy & Fuels</i> , 2012 , 26, 5241-5255	4.1	21
59	Leaching from waste incineration bottom ashes treated in a rotary kiln. <i>Waste Management and Research</i> , 2011 , 29, 995-1007	4	21
58	New insights into the effect of pressure on catalytic hydrolysis of biomass. <i>Fuel Processing Technology</i> , 2019 , 193, 392-403	7.2	20
57	Deposit Probe Measurements in Large Biomass-Fired Grate Boilers and Pulverized-Fuel Boilers. <i>Energy & Fuels</i> , 2014 , 28, 3539-3555	4.1	20
56	Heat Transfer in a Fixed Bed of Straw Char. <i>Energy & Fuels</i> , 2003 , 17, 1251-1258	4.1	20
55	Influence of Torrefaction on Single Particle Combustion of Wood. <i>Energy & Fuels</i> , 2016 , 30, 5772-5778	4.1	20

54	Potassium capture by coal fly ash: K ₂ CO ₃ , KCl and K ₂ SO ₄ . <i>Fuel Processing Technology</i> , 2019 , 194, 106115-7.2		18
53	Defluidization in fluidized bed gasifiers using high-alkali content fuels. <i>Biomass and Bioenergy</i> , 2016 , 91, 160-174	5.3	18
52	Efficient Fuel Pretreatment: Simultaneous Torrefaction and Grinding of Biomass. <i>Energy & Fuels</i> , 2013 , 27, 7531-7540	4.1	17
51	Determining the elemental composition of fuels by bomb calorimetry and the inverse correlation of HHV with elemental composition. <i>Biomass and Bioenergy</i> , 2009 , 33, 534-537	5.3	17
50	KOH capture by coal fly ash. <i>Fuel</i> , 2019 , 242, 828-836	7.1	16
49	Experimental and Numerical Investigation of Gas-Phase Freeboard Combustion. Part 1: Main Combustion Process. <i>Energy & Fuels</i> , 2009 , 23, 5773-5782	4.1	16
48	Mechanistic Model for Ash Deposit Formation in Biomass Suspension Firing. Part 1: Model Verification by Use of Entrained Flow Reactor Experiments. <i>Energy & Fuels</i> , 2017 , 31, 2771-2789	4.1	15
47	Deposit Shedding in Biomass-Fired Boilers: Shear Adhesion Strength Measurements. <i>Energy & Fuels</i> , 2017 , 31, 8733-8741	4.1	15
46	Tensile Adhesion Strength of Biomass Ash Deposits: Effect of the Temperature Gradient and Ash Chemistry. <i>Energy & Fuels</i> , 2018 , 32, 4432-4441	4.1	14
45	The influence of size and morphology on devolatilization of biomass particles. <i>Fuel</i> , 2020 , 264, 116755	7.1	14
44	Biomass Suspension Combustion: Effect of Two-Stage Combustion on NO _x Emissions in a Laboratory-Scale Swirl Burner. <i>Energy & Fuels</i> , 2009 , 23, 1398-1405	4.1	12
43	From wood chips to pellets to milled pellets: The mechanical processing pathway of Austrian pine and European beech. <i>Powder Technology</i> , 2019 , 350, 134-145	5.2	11
42	Biomass fly ash deposition in an entrained flow reactor. <i>Proceedings of the Combustion Institute</i> , 2019 , 37, 2689-2696	5.9	11
41	Impact of KCl impregnation on single particle combustion of wood and torrefied wood. <i>Fuel</i> , 2017 , 206, 684-689	7.1	11
40	Co-processing of wood and wheat straw derived pyrolysis oils with FCC feed Product distribution and effect of deoxygenation. <i>Fuel</i> , 2020 , 260, 116312	7.1	11
39	Catalytic hydrolysis of biomass using supported CoMo catalysts Effect of metal loading and support acidity. <i>Fuel</i> , 2020 , 264, 116807	7.1	11
38	Pyrolysis of antibiotic mycelial dreg and characterization of obtained gas, liquid and biochar. <i>Journal of Hazardous Materials</i> , 2021 , 402, 123826	12.8	11
37	Predicting Biomass Char Yield from High Heating Rate Devolatilization Using Chemometrics. <i>Energy & Fuels</i> , 2018 , 32, 9572-9580	4.1	10

36	A perspective on catalytic hydrolysis of biomass. <i>Renewable and Sustainable Energy Reviews</i> , 2021 , 143, 110960	16.2	10
35	Measurements of the NO _x precursors and major species concentrations above the grate at a waste-to-energy plant. <i>Fuel</i> , 2018 , 222, 475-484	7.1	9
34	Wood pellet milling tests in a suspension-fired power plant. <i>Fuel Processing Technology</i> , 2018 , 173, 89-102	9	
33	Experimental and modelling study on the influence of wood type, density, water content, and temperature on wood devolatilization. <i>Fuel</i> , 2020 , 260, 116410	7.1	9
32	Deactivation of a CoMo Catalyst during Catalytic Hydrolysis of Biomass. Part 1. Product Distribution and Composition. <i>Energy & Fuels</i> , 2019 , 33, 12374-12386	4.1	8
31	Properties of slurries made of fast pyrolysis oil and char or beech wood. <i>Biomass and Bioenergy</i> , 2014 , 61, 227-235	5.3	8
30	Experimental and Numerical Investigation of Gas-Phase Freeboard Combustion. Part 2: Fuel NO Formation. <i>Energy & Fuels</i> , 2009 , 23, 5783-5791	4.1	8
29	High Heating Rate Devolatilization Kinetics of Pulverized Biomass Fuels. <i>Energy & Fuels</i> , 2018 , 32, 12955-12961	4.1	8
28	Insights into the scalability of catalytic upgrading of biomass pyrolysis vapors using micro and bench-scale reactors. <i>Sustainable Energy and Fuels</i> , 2020 , 4, 3780-3796	5.8	7
27	Catalytic upgrading of tars generated in a 100 kWth low temperature circulating fluidized bed gasifier for production of liquid bio-fuels in a polygeneration scheme. <i>Energy Conversion and Management</i> , 2020 , 207, 112538	10.6	7
26	Kinetic Parameters for Biomass under Self-Ignition Conditions: Low-Temperature Oxidation and Pyrolysis. <i>Energy & Fuels</i> , 2019 , 33, 8606-8619	4.1	7
25	Release of Corrosive Species above the Grate in a Waste Boiler and the Implication for Improved Electrical Efficiency. <i>Energy & Fuels</i> , 2010 , 24, 5696-5707	4.1	7
24	Performance-screening of metal-impregnated industrial HZSM-5/Al ₂ O ₃ extrudates for deoxygenation and hydrodeoxygenation of fast pyrolysis vapors. <i>Journal of Analytical and Applied Pyrolysis</i> , 2020 , 150, 104892	6	7
23	Mechanistic Model for Ash Deposit Formation in Biomass Suspension Firing. Part 2: Model Verification by Use of Full-Scale Tests. <i>Energy & Fuels</i> , 2017 , 31, 2790-2802	4.1	6
22	Imaging of Flames in Cement Kilns To Study the Influence of Different Fuel Types. <i>Energy & Fuels</i> , 2017 , 31, 11424-11438	4.1	6
21	Micro-pyrolyzer screening of hydrodeoxygenation catalysts for efficient conversion of straw-derived pyrolysis vapors. <i>Journal of Analytical and Applied Pyrolysis</i> , 2020 , 150, 104868	6	6
20	High Electrical Efficiency by Dividing the Combustion Products 2008 ,		5
19	Deactivation of a CoMo Catalyst during Catalytic Hydrolysis of Biomass. Part 2. Characterization of the Spent Catalysts and Char. <i>Energy & Fuels</i> , 2019 , 33, 12387-12402	4.1	5

18	Characterization of Solid Residues from Entrained Flow Gasification of Coal Bio-Oil Slurry. <i>Energy & Fuels</i> , 2020 , 34, 5900-5906	4.1	4
17	Melting behaviour of raw materials and recycled stone wool waste. <i>Journal of Non-Crystalline Solids</i> , 2018 , 485, 34-41	3.9	4
16	Self-heating and thermal runaway of biomass [Lab-scale experiments and modeling for conditions resembling power plant mills. <i>Fuel</i> , 2021 , 294, 120281	7.1	4
15	Aerodynamic and Physical Characterization of Refuse Derived Fuel. <i>Energy & Fuels</i> , 2018 , 32, 7685-7700	7.0	4
14	Behavior of Alkali Metals and Ash in a Low-Temperature Circulating Fluidized Bed (LTCFB) Gasifier. <i>Energy & Fuels</i> , 2016 ,	4.1	3
13	Modeling Potassium Capture by Aluminosilicate, Part 1: Kaolin. <i>Energy & Fuels</i> , 2021 , 35, 13984-13998	4.1	3
12	Agglomeration and Deposition Behavior of Solid Recovered Fuel. <i>Energy & Fuels</i> , 2016 , 30, 7858-7866	4.1	2
11	Using Mie scattering for measuring size changes of individual particles. <i>Journal of Physics E: Scientific Instruments</i> , 1988 , 21, 378-383		2
10	Effect of gasification reactions on biomass char conversion under pulverized fuel combustion conditions. <i>Proceedings of the Combustion Institute</i> , 2021 , 38, 3919-3928	5.9	2
9	Modeling Potassium Capture by Aluminosilicate, Part 2: Coal Fly Ash. <i>Energy & Fuels</i> , 2021 , 35, 19725-19736	4.1	2
8	Co-firing of Coal with Biomass and Waste in Full-Scale Suspension-Fired Boilers 2013 , 781-800		1
7	Influence of wood pellets properties on their grinding performance. <i>Biomass Conversion and Biorefinery</i> , 2013 , 3, 1-11	2.3	1
6	Determination of Zero Dimensional, Apparent Devolatilization Kinetics for Biomass Particles at Suspension Firing Conditions. <i>Energies</i> , 2021 , 14, 1018	3.1	1
5	Steam gasification of char derived from penicillin mycelial dreg and lignocellulosic biomass: Influence of P, K and Ca on char reactivity. <i>Energy</i> , 2021 , 228, 120605	7.9	1
4	Spillback nozzle characterization using pulsating LED shadowgraphy. <i>Experimental Thermal and Fluid Science</i> , 2020 , 119, 110172	3	0
3	Influence of kaolin and coal fly ash addition on biomass ash deposition in an entrained flow reactor. <i>Fuel</i> , 2022 , 313, 123041	7.1	0
2	Electron Microscopy Study of the Deactivation of Nickel Based Catalysts for Bio Oil Hydrodeoxygenation. <i>Microscopy and Microanalysis</i> , 2014 , 20, 458-459	0.5	
1	Experimental Investigation of Combustion Behavior of Flash Pyrolysis Oil 2013 , 181-187		

