

Peter A Jensen

List of Publications by Year in descending order

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143
papers

10,663
citations

29994

54
h-index

32761

100
g-index

143
all docs

143
docs citations

143
times ranked

8371
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of catalytic upgrading of bio-oil to engine fuels. <i>Applied Catalysis A: General</i> , 2011, 407, 1-19.	2.2	1,414
2	Oxy-fuel combustion of solid fuels. <i>Progress in Energy and Combustion Science</i> , 2010, 36, 581-625.	15.8	940
3	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.	2.5	515
4	Screening of Catalysts for Hydrodeoxygenation of Phenol as a Model Compound for Bio-oil. <i>ACS Catalysis</i> , 2013, 3, 1774-1785.	5.5	348
5	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.	2.5	343
6	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.	2.9	275
7	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, 308-324.	6.0	254
8	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.	2.5	252
9	Transportation fuels from biomass fast pyrolysis, catalytic hydrodeoxygenation, and catalytic fast hydrolysis. <i>Progress in Energy and Combustion Science</i> , 2018, 68, 268-309.	15.8	194
10	Sulfur Transformations during Thermal Conversion of Herbaceous Biomass. <i>Energy & Fuels</i> , 2004, 18, 810-819.	2.5	189
11	Numerical modeling of straw combustion in a fixed bed. <i>Fuel</i> , 2005, 84, 389-403.	3.4	181
12	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.	2.5	177
13	Ash transformation during co-firing coal and straw. <i>Fuel</i> , 2007, 86, 1008-1020.	3.4	153
14	Shedding of ash deposits. <i>Progress in Energy and Combustion Science</i> , 2009, 35, 31-56.	15.8	148
15	Reactor design for minimizing product inhibition during enzymatic lignocellulose hydrolysis. <i>Biotechnology Advances</i> , 2010, 28, 407-425.	6.0	135
16	High-temperature entrained flow gasification of biomass. <i>Fuel</i> , 2012, 93, 589-600.	3.4	132
17	Release of Chlorine and Sulfur during Biomass Torrefaction and Pyrolysis. <i>Energy & Fuels</i> , 2014, 28, 3738-3746.	2.5	128
18	Comparison of Lignin, Macroalgae, Wood, and Straw Fast Pyrolysis. <i>Energy & Fuels</i> , 2013, 27, 1399-1409.	2.5	127

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19	Influence on nickel particle size on the hydrodeoxygenation of phenol over Ni/SiO ₂ . <i>Catalysis Today</i> , 2016, 259, 277-284.	2.2	126
20	Direct upgrading of fast pyrolysis lignin vapor over the HZSM-5 catalyst. <i>Green Chemistry</i> , 2016, 18, 1965-1975.	4.6	117
21	Heat transfer in ash deposits: A modelling tool-box. <i>Progress in Energy and Combustion Science</i> , 2005, 31, 371-421.	15.8	108
22	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.	2.2	108
23	Simultaneous Thermal Analysis (STA) on Ash from High-Alkali Biomass. <i>Energy & Fuels</i> , 2004, 18, 1066-1076.	2.5	107
24	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.	3.1	100
25	Deposition Investigation in Straw-Fired Boilers. <i>Energy & Fuels</i> , 1997, 11, 1048-1055.	2.5	98
26	Pretreatment of straw for power production by pyrolysis and char wash. <i>Biomass and Bioenergy</i> , 2001, 20, 431-446.	2.9	98
27	The Influence of Inorganic Materials on the Thermal Deactivation of Fuel Chars. <i>Energy & Fuels</i> , 2001, 15, 1110-1122.	2.5	97
28	Influence of fast pyrolysis conditions on yield and structural transformation of biomass chars. <i>Fuel Processing Technology</i> , 2015, 140, 205-214.	3.7	94
29	Release of Potassium from the Systems K ⁺ Ca ⁺ Si and K ⁺ Ca ⁺ P ⁺ . <i>Energy & Fuels</i> , 2009, 23, 3423-3428.	2.5	93
30	Biomass Gasification Behavior in an Entrained Flow Reactor: Gas Product Distribution and Soot Formation. <i>Energy & Fuels</i> , 2012, 26, 5992-6002.	2.5	93
31	SEM Investigation of Superheater Deposits from Biomass-Fired Boilers. <i>Energy & Fuels</i> , 2004, 18, 378-384.	2.5	92
32	Dynamic mechanistic model of superheater deposit growth and shedding in a biomass fired grate boiler. <i>Fuel</i> , 2007, 86, 1519-1533.	3.4	89
33	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.	3.4	86
34	Influence of the Pyrolysis Temperature on Sewage Sludge Product Distribution, Bio-Oil, and Char Properties. <i>Energy & Fuels</i> , 2013, 27, 1419-1427.	2.5	86
35	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.	5.1	82
36	Secondary Capture of Chlorine and Sulfur during Thermal Conversion of Biomass. <i>Energy & Fuels</i> , 2005, 19, 606-617.	2.5	77

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37	Experimental study of char thermal deactivation. <i>Fuel</i> , 2002, 81, 1065-1075.	3.4	76
38	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, 280-297.	1.4	74
39	Removal of K and Cl by leaching of straw char. <i>Biomass and Bioenergy</i> , 2001, 20, 447-457.	2.9	70
40	Release and Transformation of Inorganic Elements in Combustion of a High-Phosphorus Fuel. <i>Energy & Fuels</i> , 2011, 25, 2874-2886.	2.5	70
41	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.	2.5	69
42	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.	2.1	69
43	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.	3.7	66
44	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.	3.4	65
45	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.	3.4	65
46	A kinetic study of gaseous potassium capture by coal minerals in a high temperature fixed-bed reactor. <i>Fuel</i> , 2008, 87, 3304-3312.	3.4	64
47	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.	2.9	64
48	Suspension Combustion of Wood: Influence of Pyrolysis Conditions on Char Yield, Morphology, and Reactivity. <i>Energy & Fuels</i> , 2008, 22, 2955-2962.	2.5	62
49	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.	2.2	62
50	Effect of fast pyrolysis conditions on biomass solid residues at high temperatures. <i>Fuel Processing Technology</i> , 2016, 143, 118-129.	3.7	62
51	Influence of Biomass Chemical Properties on Torrefaction Characteristics. <i>Energy & Fuels</i> , 2013, 27, 7541-7548.	2.5	61
52	Dust-Firing of Straw and Additives: Ash Chemistry and Deposition Behavior. <i>Energy & Fuels</i> , 2011, 25, 2862-2873.	2.5	59
53	Trace elements in co-combustion of solid recovered fuel and coal. <i>Fuel Processing Technology</i> , 2013, 105, 212-221.	3.7	57
54	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.	2.9	57

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55	Retention of Organic Elements during Solid Fuel Pyrolysis with Emphasis on the Peculiar Behavior of Nitrogen. <i>Energy & Fuels</i> , 2005, 19, 1631-1643.	2.5	56
56	Fast Pyrolysis of Lignin Using a Pyrolysis Centrifuge Reactor. <i>Energy & Fuels</i> , 2013, 27, 3802-3810.	2.5	51
57	Catalytic Conversion of Syngas into Higher Alcohols over Carbide Catalysts. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 4161-4172.	1.8	48
58	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.	1.8	44
59	Atmospheric Hydrodeoxygenation of Biomass Fast Pyrolysis Vapor by MoO ₃ . <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 5432-5440.	3.2	44
60	Aerosol Formation during the Combustion of Straw with Addition of Sorbents. <i>Energy & Fuels</i> , 2007, 21, 699-709.	2.5	41
61	Ash Properties of Alternative Biomass. <i>Energy & Fuels</i> , 2009, 23, 1965-1976.	2.5	40
62	Characterization of Residual Particulates from Biomass Entrained Flow Gasification. <i>Energy & Fuels</i> , 2013, 27, 262-270.	2.5	39
63	Modelling solid-convective flash pyrolysis of straw and wood in the Pyrolysis Centrifuge Reactor. <i>Biomass and Bioenergy</i> , 2009, 33, 999-1011.	2.9	38
64	Impact of ZSM-5 Deactivation on Bio-Oil Quality during Upgrading of Straw Derived Pyrolysis Vapors. <i>Energy & Fuels</i> , 2019, 33, 397-412.	2.5	38
65	A perspective on catalytic hydropyrolysis of biomass. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 143, 110960.	8.2	38
66	Entrained flow gasification of coal/bio-oil slurries. <i>Energy</i> , 2016, 111, 793-802.	4.5	37
67	Potassium Capture by Kaolin, Part 2: K ₂ CO ₃ , KCl, and K ₂ SO ₄ . <i>Energy & Fuels</i> , 2018, 32, 3566-3578.	2.5	36
68	Devolatilization kinetics of woody biomass at short residence times and high heating rates and peak temperatures. <i>Applied Energy</i> , 2016, 162, 245-256.	5.1	35
69	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.	2.5	35
70	Pyrolysis of antibiotic mycelial dreg and characterization of obtained gas, liquid and biochar. <i>Journal of Hazardous Materials</i> , 2021, 402, 123826.	6.5	35
71	Alkali/Chloride release during refuse incineration on a grate: Full-scale experimental findings. <i>Fuel Processing Technology</i> , 2008, 89, 528-539.	3.7	34
72	Potassium Capture by Kaolin, Part 1: KOH. <i>Energy & Fuels</i> , 2018, 32, 1851-1862.	2.5	34

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73	Performance of diesel particulate filter catalysts in the presence of biodiesel ash species. <i>Fuel</i> , 2013, 106, 234-240.	3.4	33
74	Potassium capture by coal fly ash: K ₂ CO ₃ , KCl and K ₂ SO ₄ . <i>Fuel Processing Technology</i> , 2019, 194, 106115.	3.7	31
75	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.	6.6	31
76	Experimental Investigation of Ash Deposit Shedding in a Straw-Fired Boiler. <i>Energy & Fuels</i> , 2006, 20, 512-519.	2.5	30
77	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.	3.7	30
78	Catalytic deoxygenation of vapors obtained from ablative fast pyrolysis of wheat straw using mesoporous HZSM-5. <i>Fuel Processing Technology</i> , 2019, 194, 106119.	3.7	30
79	Influence of Torrefaction on Single Particle Combustion of Wood. <i>Energy & Fuels</i> , 2016, 30, 5772-5778.	2.5	29
80	Suspension-Firing of Biomass. Part 1: Full-Scale Measurements of Ash Deposit Build-up. <i>Energy & Fuels</i> , 2012, 26, 2317-2330.	2.5	28
81	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.	2.5	27
82	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.	4.5	27
83	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.	2.9	26
84	Coupling of Alcohols over Alkali-Promoted Cobalt-Molybdenum Sulfide. <i>ChemCatChem</i> , 2010, 2, 523-526.	1.8	26
85	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.	3.4	26
86	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.	2.5	26
87	Fly Ash Formation during Suspension Firing of Biomass: Effects of Residence Time and Fuel Type. <i>Energy & Fuels</i> , 2017, 31, 555-570.	2.5	25
88	New insights into the effect of pressure on catalytic hydrolysis of biomass. <i>Fuel Processing Technology</i> , 2019, 193, 392-403.	3.7	25
89	KOH capture by coal fly ash. <i>Fuel</i> , 2019, 242, 828-836.	3.4	25
90	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.	3.4	25

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91	Catalytic Hydropyrolysis of Biomass Using Molybdenum Sulfide Based Catalyst. Effect of Promoters. Energy & Fuels, 2019, 33, 1302-1313.	2.5	24
92	Deposit Probe Measurements in Large Biomass-Fired Grate Boilers and Pulverized-Fuel Boilers. Energy & Fuels, 2014, 28, 3539-3555.	2.5	23
93	Defluidization in fluidized bed gasifiers using high-alkali content fuels. Biomass and Bioenergy, 2016, 91, 160-174.	2.9	23
94	Leaching from waste incineration bottom ashes treated in a rotary kiln. Waste Management and Research, 2011, 29, 995-1007.	2.2	22
95	Catalytic hydropyrolysis of biomass using supported CoMo catalysts – Effect of metal loading and support acidity. Fuel, 2020, 264, 116807.	3.4	22
96	Heat Transfer in a Fixed Bed of Straw Char. Energy & Fuels, 2003, 17, 1251-1258.	2.5	21
97	Suspension-Firing of Biomass. Part 2: Boiler Measurements of Ash Deposit Shedding. Energy & Fuels, 2012, 26, 5241-5255.	2.5	21
98	From wood chips to pellets to milled pellets: The mechanical processing pathway of Austrian pine and European beech. Powder Technology, 2019, 350, 134-145.	2.1	20
99	Tensile Adhesion Strength of Biomass Ash Deposits: Effect of the Temperature Gradient and Ash Chemistry. Energy & Fuels, 2018, 32, 4432-4441.	2.5	19
100	Biomass fly ash deposition in an entrained flow reactor. Proceedings of the Combustion Institute, 2019, 37, 2689-2696.	2.4	19
101	Efficient Fuel Pretreatment: Simultaneous Torrefaction and Grinding of Biomass. Energy & Fuels, 2013, 27, 7531-7540.	2.5	18
102	Mechanistic Model for Ash Deposit Formation in Biomass Suspension Firing. Part 1: Model Verification by Use of Entrained Flow Reactor Experiments. Energy & Fuels, 2017, 31, 2771-2789.	2.5	18
103	Experimental and modelling study on the influence of wood type, density, water content, and temperature on wood devolatilization. Fuel, 2020, 260, 116410.	3.4	18
104	Performance-screening of metal-impregnated industrial HZSM-5/Al ₂ O ₃ extrudates for deoxygenation and hydrodeoxygenation of fast pyrolysis vapors. Journal of Analytical and Applied Pyrolysis, 2020, 150, 104892.	2.6	18
105	Experimental and Numerical Investigation of Gas-Phase Freeboard Combustion. Part 1: Main Combustion Process. Energy & Fuels, 2009, 23, 5773-5782.	2.5	17
106	Deposit Shedding in Biomass-Fired Boilers: Shear Adhesion Strength Measurements. Energy & Fuels, 2017, 31, 8733-8741.	2.5	17
107	Impact of KCl impregnation on single particle combustion of wood and torrefied wood. Fuel, 2017, 206, 684-689.	3.4	16
108	The influence of size and morphology on devolatilization of biomass particles. Fuel, 2020, 264, 116755.	3.4	16

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109	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.	2.6	13
110	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.	2.5	12
111	Imaging of Flames in Cement Kilns To Study the Influence of Different Fuel Types. <i>Energy & Fuels</i> , 2017, 31, 11424-11438.	2.5	12
112	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.	3.4	12
113	High Heating Rate Devolatilization Kinetics of Pulverized Biomass Fuels. <i>Energy & Fuels</i> , 2018, 32, 12955-12961.	2.5	12
114	Deactivation of a CoMo Catalyst during Catalytic Hydrolysis of Biomass. Part 1. Product Distribution and Composition. <i>Energy & Fuels</i> , 2019, 33, 12374-12386.	2.5	11
115	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.	2.5	11
116	Wood pellet milling tests in a suspension-fired power plant. <i>Fuel Processing Technology</i> , 2018, 173, 89-102.	3.7	10
117	Aerodynamic and Physical Characterization of Refuse Derived Fuel. <i>Energy & Fuels</i> , 2018, 32, 7685-7700.	2.5	10
118	Predicting Biomass Char Yield from High Heating Rate Devolatilization Using Chemometrics. <i>Energy & Fuels</i> , 2018, 32, 9572-9580.	2.5	10
119	Kinetic Parameters for Biomass under Self-Ignition Conditions: Low-Temperature Oxidation and Pyrolysis. <i>Energy & Fuels</i> , 2019, 33, 8606-8619.	2.5	10
120	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.	2.5	10
121	Influence of kaolin and coal fly ash addition on biomass ash deposition in an entrained flow reactor. <i>Fuel</i> , 2022, 313, 123041.	3.4	10
122	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.	2.5	9
123	Properties of slurries made of fast pyrolysis oil and char or beech wood. <i>Biomass and Bioenergy</i> , 2014, 61, 227-235.	2.9	9
124	Catalytic upgrading of tars generated in a 100 kW _{th} 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.	4.4	9
125	Experimental and Numerical Investigation of Gas-Phase Freeboard Combustion. Part 2: Fuel NO Formation. <i>Energy & Fuels</i> , 2009, 23, 5783-5791.	2.5	8
126	Characterization of Solid Residues from Entrained Flow Gasification of Coal Bio-Oil Slurry. <i>Energy & Fuels</i> , 2020, 34, 5900-5906.	2.5	8

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127	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.	4.5	8
128	High Electrical Efficiency by Dividing the Combustion Products. , 2008, , .		7
129	Melting behaviour of raw materials and recycled stone wool waste. <i>Journal of Non-Crystalline Solids</i> , 2018, 485, 34-41.	1.5	7
130	Effect of gasification reactions on biomass char conversion under pulverized fuel combustion conditions. <i>Proceedings of the Combustion Institute</i> , 2021, 38, 3919-3928.	2.4	7
131	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.	2.5	6
132	Self-heating and thermal runaway of biomass " Lab-scale experiments and modeling for conditions resembling power plant mills. <i>Fuel</i> , 2021, 294, 120281.	3.4	6
133	Modeling Potassium Capture by Aluminosilicate, Part 1: Kaolin. <i>Energy & Fuels</i> , 2021, 35, 13984-13998.	2.5	6
134	Agglomeration and Deposition Behavior of Solid Recovered Fuel. <i>Energy & Fuels</i> , 2016, 30, 7858-7866.	2.5	5
135	Behavior of Alkali Metals and Ash in a Low-Temperature Circulating Fluidized Bed (LTCFB) Gasifier. <i>Energy & Fuels</i> , 2016, , .	2.5	4
136	Co-firing of Coal with Biomass and Waste in Full-Scale Suspension-Fired Boilers. , 2013, , 781-800.		4
137	Modeling Potassium Capture by Aluminosilicate, Part 2: Coal Fly Ash. <i>Energy & Fuels</i> , 2021, 35, 19725-19736.	2.5	4
138	Spillback nozzle characterization using pulsating LED shadowgraphy. <i>Experimental Thermal and Fluid Science</i> , 2020, 119, 110172.	1.5	3
139	Determination of Zero Dimensional, Apparent Devolatilization Kinetics for Biomass Particles at Suspension Firing Conditions. <i>Energies</i> , 2021, 14, 1018.	1.6	3
140	Using Mie scattering for measuring size changes of individual particles. <i>Journal of Physics E: Scientific Instruments</i> , 1988, 21, 378-383.	0.7	2
141	Influence of wood pellets properties on their grinding performance. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	2.9	2
142	Electron Microscopy Study of the Deactivation of Nickel Based Catalysts for Bio Oil Hydrodeoxygenation. <i>Microscopy and Microanalysis</i> , 2014, 20, 458-459.	0.2	0
143	Experimental Investigation of Combustion Behavior of Flash Pyrolysis Oil. , 2013, , 181-187.		0