

# Yiannis A Levendis

## List of Publications by Year in descending order

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131  
papers

5,675  
citations

66315

42  
h-index

88593

70  
g-index

136  
all docs

136  
docs citations

136  
times ranked

3410  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-coal-particle combustion in O <sub>2</sub> /N <sub>2</sub> and O <sub>2</sub> /CO <sub>2</sub> environments. Combustion and Flame, 2008, 153, 270-287.	2.8	307
2	Upcycling waste plastics into carbon nanomaterials: A review. Journal of Applied Polymer Science, 2014, 131, .	1.3	216
3	Combustion behavior of single particles from three different coal ranks and from sugar cane bagasse in O <sub>2</sub> /N <sub>2</sub> and O <sub>2</sub> /CO <sub>2</sub> atmospheres. Combustion and Flame, 2012, 159, 1253-1271.	2.8	211
4	Ignition characteristics of single coal particles from three different ranks in O <sub>2</sub> /N <sub>2</sub> and O <sub>2</sub> /CO <sub>2</sub> atmospheres. Combustion and Flame, 2012, 159, 3554-3568.	2.8	200
5	Combustion behavior in air of single particles from three different coal ranks and from sugarcane bagasse. Combustion and Flame, 2011, 158, 452-465.	2.8	188
6	Single particle ignition and combustion of anthracite, semi-anthracite and bituminous coals in air and simulated oxy-fuel conditions. Combustion and Flame, 2014, 161, 1096-1108.	2.8	174
7	Carbon, sulfur and nitrogen oxide emissions from combustion of pulverized raw and torrefied biomass. Fuel, 2017, 188, 310-323.	3.4	163
8	Emissions of SO <sub>2</sub> , NO <sub>x</sub> , CO <sub>2</sub> , and HCl from Co-firing of coals with raw and torrefied biomass fuels. Fuel, 2018, 211, 363-374.	3.4	155
9	Combustion of single biomass particles in air and in oxy-fuel conditions. Biomass and Bioenergy, 2014, 64, 162-174.	2.9	138
10	Experimental and modeling study of single coal particle combustion in O <sub>2</sub> /N <sub>2</sub> and Oxy-fuel (O <sub>2</sub> /CO <sub>2</sub> ) atmospheres. Combustion and Flame, 2013, 160, 2559-2572.	2.8	131
11	Synthesis of carbon nanotubes by sequential pyrolysis and combustion of polyethylene. Carbon, 2010, 48, 4024-4034.	5.4	112
12	Development of multicolor pyrometers to monitor the transient response of burning carbonaceous particles. Review of Scientific Instruments, 1992, 63, 3608-3622.	0.6	109
13	A laboratory study on the NO, NO <sub>2</sub> , SO <sub>2</sub> , CO and CO <sub>2</sub> emissions from the combustion of pulverized coal, municipal waste plastics and tires. Fuel, 1998, 77, 183-196.	3.4	109
14	An overview of coal rank influence on ignition and combustion phenomena at the particle level. Combustion and Flame, 2016, 164, 22-34.	2.8	108
15	Emissions of NO <sub>x</sub> and SO <sub>2</sub> from Coals of Various Ranks, Bagasse, and Coal-Bagasse Blends Burning in O <sub>2</sub> /N <sub>2</sub> and O <sub>2</sub> /CO <sub>2</sub> Environments.. Energy & Fuels, 2011, 25, 2850-2861.	2.5	103
16	Exploratory study on the combustion and PAH emissions of selected municipal waste plastics. Environmental Science & Technology, 1993, 27, 2885-2895.	4.6	96
17	Comparative Study on the Combustion and Emissions of Waste Tire Crumb and Pulverized Coal. Environmental Science & Technology, 1996, 30, 2742-2754.	4.6	88
18	On the deduction of single coal particle combustion temperature from three-color optical pyrometry. Combustion and Flame, 2011, 158, 1822-1836.	2.8	88

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19	PAH formation in one-dimensional premixed fuel-rich atmospheric pressure ethylbenzene and ethyl alcohol flames. <i>Combustion and Flame</i> , 2006, 144, 757-772.	2.8	87
20	Laboratory study on the high-temperature capture of HCl gas by dry-injection of calcium-based sorbents. <i>Chemosphere</i> , 2001, 42, 785-796.	4.2	84
21	Measurements of particle flame temperatures using three-color optical pyrometry. <i>Combustion and Flame</i> , 1996, 104, 272-287.	2.8	81
22	Comparison of the combustion behaviour of pulverized waste tyres and coal. <i>Fuel</i> , 1995, 74, 1570-1581.	3.4	75
23	On the Correlation of CO and PAH Emissions from the Combustion of Pulverized Coal and Waste Tires. <i>Environmental Science &amp; Technology</i> , 1998, 32, 3767-3777.	4.6	74
24	Combustion of coal, bagasse and blends thereof. <i>Fuel</i> , 2012, 96, 51-58.	3.4	69
25	Synthesis of Carbon Nanomaterials through Up-Cycling Agricultural and Municipal Solid Wastes. <i>Industrial &amp; Engineering Chemistry Research</i> , 2012, 51, 2922-2930.	1.8	67
26	Soot loading, temperature and size of single coal particle envelope flames in conventional- and oxy-combustion conditions (O <sub>2</sub> /N <sub>2</sub> and O <sub>2</sub> /CO <sub>2</sub> ). <i>Combustion and Flame</i> , 2015, 162, 2508-2517.	2.8	63
27	Physical properties and oxidation rates of chars from three bituminous coals. <i>Fuel</i> , 1988, 67, 275-283.	3.4	61
28	A study on the combustion characteristics of PVC, poly(styrene), poly(ethylene), and poly(propylene) particles under high heating rates. <i>Combustion and Flame</i> , 1994, 99, 53-74.	2.8	59
29	Comparative Study on Polycyclic Aromatic Hydrocarbons, Light Hydrocarbons, Carbon Monoxide, and Particulate Emissions from the Combustion of Polyethylene, Polystyrene, and Poly(vinyl chloride). <i>Energy &amp; Fuels</i> , 2003, 17, 999-1013.	2.5	58
30	On the particle sizing of torrefied biomass for co-firing with pulverized coal. <i>Combustion and Flame</i> , 2018, 194, 72-84.	2.8	58
31	Catalytic conversion of wastes from the bioethanol production into carbon nanomaterials. <i>Applied Catalysis B: Environmental</i> , 2011, 106, 433-444.	10.8	56
32	Direct observations on the combustion characteristics of Miscanthus and Beechwood biomass including fusion and spherodization. <i>Fuel Processing Technology</i> , 2017, 166, 41-49.	3.7	56
33	Curtailling the generation of sulfur dioxide and nitrogen oxide emissions by blending and oxy-combustion of coals. <i>Fuel</i> , 2016, 181, 772-784.	3.4	55
34	Hydrogen chloride emissions from combustion of raw and torrefied biomass. <i>Fuel</i> , 2017, 200, 37-46.	3.4	54
35	Soot surface area evolution during air oxidation as evaluated by small angle X-ray scattering and CO <sub>2</sub> adsorption. <i>Carbon</i> , 2005, 43, 241-251.	5.4	51
36	Oxidative heat treatment of 316L stainless steel for effective catalytic growth of carbon nanotubes. <i>Applied Surface Science</i> , 2014, 313, 227-236.	3.1	51

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37	Polycyclic Aromatic Hydrocarbon and Particulate Emissions from Two-Stage Combustion of Polystyrene: The Effect of the Primary Furnace Temperature. <i>Environmental Science &amp; Technology</i> , 2001, 35, 3541-3552.	4.6	50
38	The effect of equivalence ratio on the soot onset chemistry in one-dimensional, atmospheric-pressure, premixed ethylbenzene flames. <i>Combustion and Flame</i> , 2007, 151, 173-195.	2.8	49
39	Particulates Generated from Combustion of Polymers (Plastics). <i>Journal of the Air and Waste Management Association</i> , 2000, 50, 94-102.	0.9	48
40	On the survivability and pyrosynthesis of PAH during combustion of pulverized coal and tire crumb. <i>Combustion and Flame</i> , 1997, 110, 462-478.	2.8	47
41	Synthesis, formation and characterization of micron-sized glassy carbon spheres of controlled pore structure. <i>Carbon</i> , 1989, 27, 265-283.	5.4	44
42	COMBUSTION OF COAL CHARs IN OXYGEN-ENRICHED ATMOSPHERES. <i>Combustion Science and Technology</i> , 2007, 179, 1569-1587.	1.2	42
43	Effectiveness of calcium magnesium acetate as dual SO <sub>2</sub> -NO <sub>x</sub> emission Control Agent. <i>AIChE Journal</i> , 1995, 41, 712-722.	1.8	40
44	PAH and soot emissions from burning components of medical waste: examination/surgical gloves and cotton pads. <i>Chemosphere</i> , 2001, 42, 775-783.	4.2	39
45	Comparison of single particle combustion behaviours of raw and torrefied biomass with Turkish lignites. <i>Fuel</i> , 2019, 241, 1085-1094.	3.4	39
46	Polynuclear Aromatic Hydrocarbon and Particulate Emissions from Two-Stage Combustion of Polystyrene: The Effects of the Secondary Furnace (Afterburner) Temperature and Soot Filtration. <i>Environmental Science &amp; Technology</i> , 2002, 36, 797-808.	4.6	38
47	Aromatic Hydrocarbon Emissions from Burning Poly(styrene), Poly(ethylene) and PVC Particles at High Temperatures. <i>Combustion Science and Technology</i> , 1996, 116-117, 91-128.	1.2	37
48	A Laboratory Investigation on Combined In-Furnace Sorbent Injection and Hot Flue-Gas Filtration to Simultaneously Capture SO <sub>2</sub> , NO <sub>x</sub> , HCl, and Particulate Emissions. <i>Environmental Science &amp; Technology</i> , 2000, 34, 4855-4866.	4.6	37
49	Combustion details of raw and torrefied biomass fuel particles with individually-observed size, shape and mass. <i>Combustion and Flame</i> , 2019, 207, 327-341.	2.8	37
50	Oxidation kinetics of monodisperse spherical carbonaceous particles of variable properties. <i>Combustion and Flame</i> , 1989, 76, 221-241.	2.8	34
51	Influence of the fuel structure on the flame synthesis of carbon nanomaterials. <i>Carbon</i> , 2011, 49, 3412-3423.	5.4	33
52	Particle shape and Stefan flow effects on the burning rate of torrefied biomass. <i>Fuel</i> , 2017, 210, 107-120.	3.4	33
53	Influence of Stainless-Steel Catalyst Substrate Type and Pretreatment on Growing Carbon Nanotubes from Waste Postconsumer Plastics. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 3009-3023.	1.8	33
54	Physical Properties of Particulate Matter Emitted from Combustion of Coals of Various Ranks in O <sub>2</sub> /N <sub>2</sub> and O <sub>2</sub> /CO <sub>2</sub> Environments. <i>Energy &amp; Fuels</i> , 2012, 26, 7127-7139.	2.5	32

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55	Laboratory Investigation of the Products of the Incomplete Combustion of Waste Plastics and Techniques for Their Minimization. <i>Industrial &amp; Engineering Chemistry Research</i> , 2004, 43, 2873-2886.	1.8	31
56	Emissions from the combustion of polystyrene, styrene and ethylbenzene under diverse conditions. <i>Fuel</i> , 2007, 86, 1789-1799.	3.4	31
57	Chemical Composition of Submicrometer Particulate Matter (PM <sub>1</sub> ) Emitted from Combustion of Coals of Various Ranks in O <sub>2</sub> /N <sub>2</sub> and O <sub>2</sub> /CO <sub>2</sub> Environments. <i>Energy &amp; Fuels</i> , 2013, 27, 4984-4998.	2.5	31
58	Temperature and oxygen partial pressure dependencies of the coal-bound nitrogen to NO <sub>x</sub> conversion in O <sub>2</sub> /CO <sub>2</sub> environments. <i>Combustion and Flame</i> , 2019, 206, 98-111.	2.8	31
59	Investigation of critical equivalence ratio and chemical speciation in flames of ethylbenzene-ethanol blends. <i>Combustion and Flame</i> , 2010, 157, 296-312.	2.8	29
60	Reduction of Sulfur Dioxide Emissions by Burning Coal Blends. <i>Journal of Energy Resources Technology</i> , Transactions of the ASME, 2016, 138, .	1.4	29
61	Emissions of Batch Combustion of Waste Tire Chips: The Afterburner Effect. <i>Energy &amp; Fuels</i> , 2003, 17, 225-239.	2.5	27
62	Effects of Carbon Dioxide on Laminar Burning Speed and Flame Instability of Methane/Air and Propane/Air Mixtures: A Literature Review. <i>Energy &amp; Fuels</i> , 2019, 33, 9403-9418.	2.5	26
63	A study on toxic organic emissions from batch combustion of styrene. <i>Chemosphere</i> , 2002, 49, 395-412.	4.2	25
64	Combustion of coal, bagasse and blends thereof. <i>Fuel</i> , 2012, 96, 43-50.	3.4	24
65	On the minimum oxygen requirements for oxy-combustion of single particles of torrefied biomass. <i>Combustion and Flame</i> , 2020, 213, 426-440.	2.8	24
66	Torrefaction of corn straw in oxygen and carbon dioxide containing gases: Mass/energy yields and evolution of gaseous species. <i>Fuel</i> , 2021, 285, 119044.	3.4	24
67	Effect of Carbon Dioxide on the Laminar Burning Speed of Propane-Air Mixtures. <i>Journal of Energy Resources Technology</i> , Transactions of the ASME, 2019, 141, .	1.4	23
68	Spectral emissivity and temperature of heated surfaces based on spectrometry and digital thermal imaging - Validation with thermocouple temperature measurements. <i>Experimental Thermal and Fluid Science</i> , 2020, 112, 110017.	1.5	23
69	Performance maximization by temperature glide matching in energy exchangers of cooling systems operating with natural hydrocarbon/CO <sub>2</sub> refrigerants. <i>International Journal of Refrigeration</i> , 2020, 119, 294-304.	1.8	23
70	High-temperature pyrolysis of biomass pellets: The effect of ash melting on the structure of the char residue. <i>Fuel</i> , 2021, 285, 119084.	3.4	23
71	The effect of the bulk equivalence ratio on the pah emissions from the combustion of PVC, poly(styrene), and poly(ethylene). <i>Proceedings of the Combustion Institute</i> , 1996, 26, 2421-2430.	0.3	22
72	Observations on the Combustion of Pulverized PVC and Poly(ethylene). <i>Combustion Science and Technology</i> , 1996, 112, 117-140.	1.2	22

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73	The effect of temperature on the soot onset chemistry in one-dimensional, atmospheric-pressure, premixed ethylbenzene flames. <i>Combustion and Flame</i> , 2008, 155, 232-246.	2.8	22
74	Pyrolytic Conversion of Biomass Residues to Gaseous Fuels for Electricity Generation. <i>Journal of Energy Resources Technology</i> , Transactions of the ASME, 2014, 136, .	1.4	22
75	Reduction of HCl Emissions from Combustion of Biomass by Alkali Carbonate Sorbents or by Thermal Pretreatment. <i>Journal of Energy Engineering - ASCE</i> , 2018, 144, 04018045.	1.0	21
76	Generation of spherical and monodisperse particles of poly(styrene) and poly(methyl methacrylate) by atomization of monomers and dissolved polymer precursors. <i>Journal of Applied Polymer Science</i> , 1991, 43, 1549-1558.	1.3	20
77	Comparative Environmental Evaluation of JP-8 and Diesel Fuels Burned in Direct Injection (DI) or Indirect Injection (IDI) Diesel Engines and in a Laboratory Furnace. <i>Energy &amp; Fuels</i> , 2004, 18, 1302-1308.	2.5	20
78	Emissions from the Premixed Combustion of Gasified Polyethylene. <i>Energy &amp; Fuels</i> , 2008, 22, 372-381.	2.5	20
79	Comparison of Fine Ash Emissions Generated from Biomass and Coal Combustion and Valuation of Predictive Furnace Deposition Indices: A Review. <i>Journal of Energy Engineering - ASCE</i> , 2016, 142, .	1.0	20
80	Evolution of Chlorine-Bearing Gases During Corn Straw Torrefaction at Different Temperatures. <i>Energy &amp; Fuels</i> , 2017, 31, 13713-13723.	2.5	20
81	Flame characteristics of propane-air-carbon dioxide blends at elevated temperatures and pressures. <i>Energy</i> , 2021, 228, 120624.	4.5	20
82	In-Furnace Sulfur Capture by Cofiring Coal With Alkali-Based Sorbents. <i>Journal of Energy Resources Technology</i> , Transactions of the ASME, 2017, 139, .	1.4	19
83	Hydrogen Chloride Release From Combustion of Corn Straw in a Fixed Bed. <i>Journal of Energy Resources Technology</i> , Transactions of the ASME, 2018, 140, .	1.4	19
84	Nitrogen-Bearing Emissions From Burning Corn Straw in a Fixed-Bed Reactor: Effects of Fuel Moisture, Torrefaction, and Air Flowrate. <i>Journal of Energy Resources Technology</i> , Transactions of the ASME, 2019, 141, .	1.4	19
85	Development of a New Diesel Particulate Control System with Wall-Flow Filters and Reverse Cleaning Regeneration. , 0, , .		18
86	Chemical speciation of premixed ethylbenzene flames at the soot onset limit at various ( $\phi$ , $T_{\text{ign}}$ , $T$ ) pairs. <i>Combustion and Flame</i> , 2009, 156, 1014-1022.	2.8	17
87	Control of the HCl Emissions from the Combustion of PVC by In-Furnace Injection of Calcium-Magnesium-Based Sorbents. <i>Environmental Engineering Science</i> , 1998, 15, 123-135.	0.8	16
88	EMISSIONS OF BATCH COMBUSTION OF WASTE TIRE CHIPS: THE PYROLYSIS EFFECT. <i>Combustion Science and Technology</i> , 2005, 177, 347-381.	1.2	16
89	PAH emissions from high-temperature oxidation of vaporized anthracene. <i>Proceedings of the Combustion Institute</i> , 2007, 31, 491-499.	2.4	16
90	Pool fire extinction by remotely controlled application of liquid nitrogen. <i>Process Safety Progress</i> , 2011, 30, 164-167.	0.4	16

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91	Post-ignition transients in the combustion of single char particles. <i>Fuel</i> , 1989, 68, 849-855.	3.4	15
92	Emissions of Batch Combustion of Waste Tire Chips: The Hot Flue-Gas Filtering Effect. <i>Energy &amp; Fuels</i> , 2004, 18, 102-115.	2.5	14
93	Ignition behavior of coal and biomass blends under oxy-firing conditions with steam additions. , 2013, 3, 397-414.		14
94	Thermodynamic Study on Blends of Hydrocarbons and Carbon Dioxide as Zeotropic Refrigerants. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2020, 142, .	1.4	14
95	Laminar burning speeds and flame instabilities of isobutane carbon dioxide air mixtures at high pressures and temperatures. <i>Fuel</i> , 2020, 268, 117410.	3.4	13
96	Cryogenic extinguishment of liquid pool fires. <i>Process Safety Progress</i> , 2010, 29, 79-86.	0.4	12
97	Emissions From Oxy-Combustion of Raw and Torrefied Biomass. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2020, 142, .	1.4	12
98	Sulfur and Nitrogen Release From Co-Pyrolysis of Coal and Biomass Under Oxidative and Non-Oxidative Conditions. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2021, 143, .	1.4	12
99	Pyrolytic Gasification of Post-consumer Polyolefins To Allow for "Clean" Premixed Combustion. <i>Energy &amp; Fuels</i> , 2013, 27, 4859-4868.	2.5	11
100	Diesel Vehicle Application of an Aerodynamically Regenerated Trap and EGR System. , 1995, , .		10
101	Comparative study on destruction of polycyclic aromatic hydrocarbons from combustion of waste polystyrene. <i>Proceedings of the Combustion Institute</i> , 2002, 29, 2477-2484.	2.4	10
102	Utilization of a High-Alkali Lignite Coal Ash for SO <sub>2</sub> Capture in Power Generation. <i>Journal of Energy Engineering - ASCE</i> , 2017, 143, 04016067.	1.0	10
103	Use of Alkali Carbonate Sorbents for Capturing Chlorine-Bearing Gases from Corn Straw Torrefaction. <i>Energy &amp; Fuels</i> , 2018, 32, 11843-11851.	2.5	10
104	Product Compositions from Sequential Biomass Pyrolysis and Gasification of Its Char Residue. <i>Journal of Energy Engineering - ASCE</i> , 2020, 146, 04020049.	1.0	10
105	Reducing Diesel Particulate and NO <sub>x</sub> Emissions via Filtration and Particle-Free Exhaust Gas Recirculation. , 0, , .		9
106	Filtration Assessment and Thermal Effects on Aerodynamic Regeneration in Silicon Carbide and Cordierite Particulate Filters. , 0, , .		9
107	Effects of Air Flowrate on the Combustion and Emissions of Blended Corn Straw and Pinewood Wastes. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2019, 141, .	1.4	8
108	Determination of Flame Temperatures and Soot Volume Fractions during Combustion of Biomass Pellets. <i>Energy &amp; Fuels</i> , 2021, 35, 2313-2325.	2.5	8

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109	On the trajectory and reach of fire-suppressant liquid nitrogen droplets released from a spray nozzle. <i>Chemical Engineering Research and Design</i> , 2022, 161, 273-284.	2.7	8
110	Determination of size and porosity of chars during combustion of biomass particles. <i>Combustion and Flame</i> , 2022, 242, 112182.	2.8	8
111	Release of Alkalis and Chlorine from Combustion of Waste Pinewood in a Fixed Bed. <i>Energy &amp; Fuels</i> , 2019, 33, 1256-1266.	2.5	7
112	On the Influences of Carrier Gas Type and Flow Rate on CVD Synthesis of CNTs from Postconsumer Polyethylene. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 14004-14014.	1.8	7
113	Effects of Activation Conditions on the Properties of Sludge-Based Activated Coke. <i>ACS Omega</i> , 2021, 6, 22020-22032.	1.6	6
114	A Numerical and Experimental Study on the Effects of CO <sub>2</sub> on Laminar Diffusion Methane/Air Flames. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2020, 142, .	1.4	6
115	Preparation of monodisperse carbonaceous particles with micro-, meso-, and macroporous structures. <i>Journal of Applied Polymer Science</i> , 1992, 45, 2061-2073.	1.3	5
116	Comparison of Products of Incomplete Combustion of Waste Polystyrene and Styrene in Diffusion Flames and Ethyl Benzene in Fuel-Rich Premixed Flames. , 2004, , 605.		5
117	Emissions from Premixed Combustion of Polystyrene. <i>Energy &amp; Fuels</i> , 2008, 22, 354-362.	2.5	5
118	Carbon Nanotube Production From Ethylene in CO <sub>2</sub> /N <sub>2</sub> Environments. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2018, 140, .	1.4	5
119	A method to assess downward flame spread and dripping characteristics of fire-retardant polymer composites. <i>Fire and Materials</i> , 2018, 42, 347-357.	0.9	5
120	Effects of Carbonization on the Co-Activation of Sludge and Biomass to Produce Activated Coke. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2021, 143, .	1.4	5
121	A Novel Technology for Green(er) Manufacturing of CNTs via Recycling of Waste Plastics. <i>Materials Research Society Symposia Proceedings</i> , 2011, 1317, 1.	0.1	4
122	Soot Volume Fractions in Volatile Matter Envelope Flames of Bituminous Coal Particles in Air and Oxy-Fuel Combustion. , 2013, , .		4
123	EXPERIMENTAL AND NUMERICAL STUDY OF EMISSIONS FROM FUEL-RICH COMBUSTION OF PULVERIZED POLYSTYRENE. <i>Combustion Science and Technology</i> , 2006, 178, 1297-1324.	1.2	3
124	Preparation of Activated Coke by One-Step Activation Method, Ammonization, and K <sub>2</sub> CO <sub>3</sub> Modification of Coal and Biomass. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2022, 144, .	1.4	3
125	Waste-to-Energy Conversion by Stepwise Liquefaction, Pyrolysis and "Clean Combustion" of Waste Plastics. , 2012, , .		2
126	Feasibility Study on Power Generation from Waste Plastics with Partial Precombustion Carbon Capture and Conversion. <i>Journal of Energy Engineering - ASCE</i> , 2015, 141, .	1.0	2



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127	Evolution of Gases From the Pyrolysis of Raw and Torrefied Biomass and From the Oxy-Combustion of Their Bio-Chars. Journal of Energy Resources Technology, Transactions of the ASME, 2022, 144, .	1.4	2
128	Effects of CO2 on Carbon Nanotube Formation from Thermal Decomposition of Ethylene. Materials Research Society Symposia Proceedings, 2015, 1747, 13.	0.1	1
129	A simple experiment on global warming. Royal Society Open Science, 2020, 7, 192075.	1.1	1
130	Ash Fusion During Combustion of Single Corn Straw Pellets. Journal of Energy Resources Technology, Transactions of the ASME, 2021, 143, .	1.4	1
131	Emissions From Direct or Indirect Combustion of Tire-Derived-Fuel. , 2008, , .		0