Pierre-alexandre Glaude

List of Publications by Year
in descending order

168 papers	7,982 citations	29928 54 h-index	57558 83 g-index

172 all docs	172 docs citations	172 times ranked	4553 citing authors

#	Article	IF	Citations
1	A comprehensive experimental and modeling study of isobutene oxidation. Combustion and Flame, 2016, 167, 353-379.	5.3	291
2	Progress toward a unified detailed kinetic model for the autoignition of alkanes from C4 to C10 between 600 and 1200 K. Combustion and Flame, 2005, 142, 170-186.	5.3	273
3	Laminar burning velocity of gasolines with addition of ethanol. Fuel, 2014, 115, 162-169.	6.6	262
4	Measurements of Laminar Flame Velocity for Components of Natural Gas. Energy & Fuels, 2011, 25, 3875-3884.	5.2	189
5	Combustion chemical kinetics of biodiesel and related compounds (methyl and ethyl esters): Experiments and modeling â€“ Advances and future refinements. Progress in Energy and Combustion Science, 2013, 39, 340-382.	32.4	189
6	Experimental Confirmation of the Lowâ€Temperature Oxidation Scheme of Alkanes. Angewandte Chemie - International Edition, 2010, 49, 3169-3172.	14.8	184
7	Computer-Aided Derivation of Gas-Phase Oxidation Mechanisms: Application to the Modeling of the Oxidation of n-Butane. Combustion and Flame, 1998, 114, 81-102.	5.3	171
8	Experimental and modeling investigation of the low-temperature oxidation of n-heptane. Combustion and Flame, 2012, 159, 3455-3471.	5.3	170
9	Progress in detailed kinetic modeling of the combustion of oxygenated components of biofuels. Energy, 2012, 43, 4-18.	9.0	152
10	A comprehensive experimental and detailed chemical kinetic modelling study of 2,5-dimethylfuran pyrolysis and oxidation. Combustion and Flame, 2013, 160, 2291-2318.	5.3	144
11	Computer based generation of reaction mechanisms for gas-phase oxidation. Computers & Chemistry, 2000, 24, 541-560.	1.2	134
12	Experimental and Modeling Study of the Low-Temperature Oxidation of Large Alkanes. Energy & Fuels, 2008, 22, 2258-2269.	5.2	132
13	Combustion chemistry and flame structure of furan group biofuels using molecular-beam mass spectrometry and gas chromatography â€“ Part III: 2,5-Dimethylfuran. Combustion and Flame, 2014, 161, 780-797.	5.3	128
14	A high temperature and atmospheric pressure experimental and detailed chemical kinetic modelling study of 2-methyl furan oxidation. Proceedings of the Combustion Institute, 2013, 34, 225-232.	4.5	124
15	Detailed kinetic study of anisole pyrolysis and oxidation to understand tar formation during biomass combustion and gasification. Combustion and Flame, 2014, 161, 1474-1488.	5.3	123
16	Rapid Discovery of a Novel Series of Abl Kinase Inhibitors by Application of an Integrated Microfluidic Synthesis and Screening Platform. Journal of Medicinal Chemistry, 2013, 56, 3033-3047.	6.6	121
17	Combustion chemistry and flame structure of furan group biofuels using molecular-beam mass spectrometry and gas chromatography â€“ Part I: Furan. Combustion and Flame, 2014, 161, 748-765.	5.3	120
18	Experimental study of the oxidation of large surrogates for diesel and biodiesel fuels. Combustion and Flame, 2009, 156, 2129-2144.	5.3	117

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19	Towards cleaner combustion engines through groundbreaking detailed chemical kinetic models. Chemical Society Reviews, 2011, 40, 4762.	40.3	117
20	An experimental and kinetic investigation of premixed furan/oxygen/argon flames. Combustion and Flame, 2011, 158, 756-773.	5.3	115
21	Detailed product analysis during the low temperature oxidation of n-butane. Physical Chemistry Chemical Physics, 2011, 13, 296-308.	2.9	112
22	Shock Tube and Chemical Kinetic Modeling Study of the Oxidation of 2,5-Dimethylfuran. Journal of Physical Chemistry A, 2013, 117, 1371-1392.	2.6	111
23	Combustion chemistry and flame structure of furan group biofuels using molecular-beam mass spectrometry and gas chromatography â€“ Part II: 2-Methylfuran. Combustion and Flame, 2014, 161, 766-779.	5.3	111
24	The autoignition of cyclopentane and cyclohexane in a shock tube. Proceedings of the Combustion Institute, 2007, 31, 277-284.	4.5	110
25	Adiabatic flame temperature from biofuels and fossil fuels and derived effect on NOx emissions. Fuel Processing Technology, 2010, 91, 229-235.	7.3	105
26	Detailed Kinetic Study of the Ring Opening of Cycloalkanes by CBS-QB3 Calculations. Journal of Physical Chemistry A, 2006, 110, 12693-12704.	2.6	99
27	Modeling of the oxidation of large alkenes at low temperature. Proceedings of the Combustion Institute, 2005, 30, 1073-1081.	4.5	98
28	Kinetic study of the combustion of organophosphorus compounds. Proceedings of the Combustion Institute, 2000, 28, 1749-1756.	4.5	92
29	Detailed Chemical Kinetic Modeling of Diesel Combustion with Oxygenated Fuels. SAE technical paper series, 0, , .	0.0	89
30	Experimental and modeling study of the oxidation of xylenes. International Journal of Chemical Kinetics, 2006, 38, 284-302.	1.7	88
31	Modeling of the oxidation ofn-octane andn-decane using an automatic generation of mechanisms. International Journal of Chemical Kinetics, 1998, 30, 949-959.	1.7	82
32	Experimental study of the oxidation of methyl oleate in a jet-stirred reactor. Combustion and Flame, 2010, 157, 1220-1229.	5.3	82
33	Modeling of the Gas-Phase Oxidation of Cyclohexane. Energy & Fuels, 2006, 20, 1450-1459.	5.2	81
34	Oxidation of methyl and ethyl butanoates. International Journal of Chemical Kinetics, 2010, 42, 226-252.	1.7	78
35	Construction and simplification of a model for the oxidation of alkanes. Combustion and Flame, 2000, 122, 451-462.	5.3	77
36	Detailed chemical kinetic reaction mechanisms for incineration of organophosphorus and fluoroorganophosphorus compounds. Proceedings of the Combustion Institute, 2002, 29, 2469-2476.	4.5	76

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37	Injectable â€œnano-micronâ€•combined gene-hydrogel microspheres for local treatment of osteoarthritis. NPG Asia Materials, 2022, 14, .	8.3	76
38	Theoretical Kinetic Study of Thermal Unimolecular Decomposition of Cyclic Alkyl Radicals. Journal of Physical Chemistry A, 2008, 112, 11598-11610.	2.6	73
39	An experimental and modeling study of the combustion of tetrahydrofuran. Combustion and Flame, 2015, 162, 1899-1918.	5.3	73
40	Oxidation of small alkenes at high temperature. International Journal of Chemical Kinetics, 2002, 34, 666-677.	1.7	70
41	An experimental and kinetic modeling study of the autoignition of Î±-methylnaphthalene/air and Î±-methylnaphthalene/n-decane/air mixtures at elevated pressures. Combustion and Flame, 2010, 157, 1976-1988.	5.3	70
42	Influence of the position of the double bond on the autoignition of linear alkenes at low temperature. Proceedings of the Combustion Institute, 2009, 32, 387-394.	4.5	67
43	New experimental evidences about the formation and consumption of ketohydroperoxides. Proceedings of the Combustion Institute, 2011, 33, 325-331.	4.5	65
44	Computer tools for modelling the chemical phenomena related to combustion. Chemical Engineering Science, 2000, 55, 2883-2893.	4.0	64
45	Modeling study of the low-temperature oxidation of large methyl esters from C11 to C19. Proceedings of the Combustion Institute, 2011, 33, 391-398.	4.5	64
46	Experimental and Kinetic Modeling Study of 2-Methyl-2-Butene: Allylic Hydrocarbon Kinetics. Journal of Physical Chemistry A, 2015, 119, 7462-7480.	2.6	63
47	Experimental and modeling study of the oxidation of 1-pentene at high temperature. International Journal of Chemical Kinetics, 2005, 37, 451-463.	1.7	62
48	Experimental and modeling study of the oxidation of n-butylbenzene. Combustion and Flame, 2012, 159, 1399-1416.	5.3	62
49	Modeling the Oxidation of Mixtures of Primary Reference Automobile Fuels. Energy & Fuels, 2002, 16, 1186-1195.	5.2	61
50	Computer-aided design of gas-phase oxidation mechanismsâ€”Application to the modeling of n-heptane and iso-octane oxidation. Proceedings of the Combustion Institute, 1996, 26, 755-762.	0.3	60
51	Experimental and modeling study of the gas-phase oxidation of methyl and ethyl tertiary butyl ethers. Combustion and Flame, 2000, 121, 345-355.	5.3	60
52	Experimental and modeling study of the oxidation of cyclohexene. International Journal of Chemical Kinetics, 2003, 35, 273-285.	1.7	59
53	Modeling of the gas-phase oxidation of n-decane from 550 to 1600 K. Proceedings of the Combustion Institute, 2000, 28, 1597-1605.	4.5	58
54	Experimental and modeling study of 1-hexene oxidation behind reflected shock waves. Proceedings of the Combustion Institute, 2005, 30, 1137-1145.	4.5	58

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55	Mechanisms and Kinetics of Methane Thermal Conversion in a Syngas. Industrial & Engineering Chemistry Research, 2009, 48, 6564-6572.	3.8	56
56	Theoretical Kinetic Study of the Reactions of Cycloalkylperoxy Radicals. Journal of Physical Chemistry A, 2009, 113, 6924-6935.	2.6	53
57	Experimental and modeling study of the thermal decomposition of methyl decanoate. Combustion and Flame, 2011, 158, 1288-1300.	5.3	53
58	Kinetic Modeling of the Mutual Oxidation of NO and Larger Alkanes at Low Temperature. Energy & Fuels, 2005, 19, 1839-1849.	5.2	51
59	The gas-phase oxidation ofn-hexadecane. International Journal of Chemical Kinetics, 2001, 33, 574-586.	1.7	50
60	Measurements of Laminar Burning Velocities above Atmospheric Pressure Using the Heat Flux Methodâ€"Application to the Case of n-Pentane. Energy & Fuels, 2015, 29, 398-404.	5.2	50
61	New experimental evidence and modeling study of the ethylbenzene oxidation. Proceedings of the Combustion Institute, 2013, 34, 325-333.	4.5	49
62	Measurements of flat-flame velocities of diethyl ether in air. Energy, 2012, 43, 140-145.	9.0	48
63	Kinetic Study of the Pyrolysis and Oxidation of Guaiacol. Journal of Physical Chemistry A, 2018, 122, 7894-7909.	2.6	48
64	Quantification of Hydrogen Peroxide during the Low-Temperature Oxidation of Alkanes. Journal of the American Chemical Society, 2012, 134, 11944-11947.	14.6	47
65	Low temperature oxidation of benzene and toluene in mixture with n-decane. Proceedings of the Combustion Institute, 2013, 34, 297-305.	4.5	46
66	Experimental and modeling study of burning velocities for alkyl aromatic components relevant to diesel fuels. Proceedings of the Combustion Institute, 2015, 35, 341-348.	4.5	45
67	Detailed Product Analysis during Low- and Intermediate-Temperature Oxidation of Ethylcyclohexane. Journal of Physical Chemistry A, 2012, 116, 5100-5111.	2.6	44
68	Cutting Edge: Î²-Catenin Is Dispensable for T Cell Effector Differentiation, Memory Formation, and Recall Responses. Journal of Immunology, 2011, 187, 1542-1546.	0.8	43
69	Experimental and modeling study of the oxidation of n-butane in a jet stirred reactor using cw-CRDS measurements. Physical Chemistry Chemical Physics, 2013, 15, 19686.	2.9	42
70	Automatic reduction of detailed mechanisms of combustion of alkanes by chemical lumping. International Journal of Chemical Kinetics, 2000, 32, 36-51.	1.7	41
71	Experimental and modeling study of the oxidation of 1-butyne and 2-butyne. International Journal of Chemical Kinetics, 2002, 34, 172-183.	1.7	39
72	A lean methane premixed laminar flame doped with components of diesel fuelI. n-Butylbenzene. Combustion and Flame, 2009, 156, 954-974.	5.3	37

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73	IL-17 Promotes Scar Formation by Inducing Macrophage Infiltration. American Journal of Pathology, 2018, 188, 1693-1702.	4.1	37
74	The oxidation of large alkylbenzenes: An experimental and modeling study. Proceedings of the Combustion Institute, 2015, 35, 349-356.	4.5	36
75	Performance of lignin derived compounds as octane boosters. Fuel, 2017, 189, 284-292.	6.6	36
76	Oxidation of small unsaturated methyl and ethyl esters. International Journal of Chemical Kinetics, 2011, 43, 204-218.	1.7	34
77	Detailed kinetic modeling of the formation of toxic polycyclic aromatic hydrocarbons (PAHs) coming from pyrolysis in low-pressure gas carburizing conditions. Journal of Analytical and Applied Pyrolysis, 2016, 122, 342-354.	5.6	33
78	Unimolecular decomposition of tetrahydrofuran: Carbene vs. diradical pathways. Proceedings of the Combustion Institute, 2015, 35, 533-541.	4.5	32
79	Extension of the composite CBS-QB3 method to singlet diradical calculations. Chemical Physics Letters, 2007, 435, 152-156.	2.7	31
80	Quantum Chemical Study of the Thermochemical Properties of Organophosphorous Compounds. Journal of Physical Chemistry A, 2015, 119, 10527-10539.	2.6	31
81	Rich premixed laminar methane flames doped by light unsaturated hydrocarbons. Combustion and Flame, 2007, 151, 245-261.	5.3	30
82	A lean methane premixed laminar flame doped with components of diesel fuel part III: Indane and comparison between n-butylbenzene, n-propylcyclohexane and indane. Combustion and Flame, 2010, 157, 1236-1260.	5.3	30
83	Steam reforming of methane in a synthesis gas from biomass gasification. International Journal of Hydrogen Energy, 2016, 41, 18329-18338.	7.2	30
84	Lean methane premixed laminar flames doped by components of diesel fuel II: n-Propylcyclohexane. Combustion and Flame, 2010, 157, 75-90.	5.3	29
85	Experimental and modeling study of the pyrolysis and combustion of 2-methyl-tetrahydrofuran. Combustion and Flame, 2017, 176, 409-428.	5.3	29
86	Bananaâ€shaped side chain liquid crystalline siloxanes. Liquid Crystals, 2006, 33, 681-688.	2.3	28
87	Kinetic modelling of a surrogate diesel fuel applied to 3D auto-ignition in HCCI engines. International Journal of Vehicle Design, 2007, 44, 124.	0.3	28
88	Experimental and modeling study of ultra-rich oxidation of n-heptane. Fuel, 2015, 144, 358-368.	6.6	28
89	Immune restoration in HIV-1-infected patients after 12 years of antiretroviral therapy: a real-world observational study. Emerging Microbes and Infections, 2020, 9, 2550-2561.	6.6	28
90	Experimental and modeling study of the autoignition of 1-hexene/isooctane mixtures at low temperatures. Combustion and Flame, 2006, 145, 272-281.	5.3	26

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91	Detection of some stable species during the oxidation of methane by coupling a jet-stirred reactor (JSR) to cw-CRDS. Chemical Physics Letters, 2012, 534, 1-7.	2.7	26
92	Experimental Confirmation of the Lowâ€Temperature Oxidation Scheme of Alkanes. Angewandte Chemie, 2010, 122, 3237-3240.	2.1	24
93	A Tentative Modeling Study of the Effect of Wall Reactions on Oxidation Phenomena. Energy & Fuels, 2008, 22, 3736-3743.	5.2	23
94	Rich methane premixed laminar flames doped by light unsaturated hydrocarbons. Combustion and Flame, 2008, 152, 245-261.	5.3	22
95	A comparative study of the formation of aromatics in rich methane flames doped by unsaturated compounds. Fuel, 2009, 88, 1388-1393.	6.6	22
96	Pyrolysis and combustion chemistry of tetrahydropyran: Experimental and modeling study. Combustion and Flame, 2015, 162, 4283-4303.	5.3	22
97	Experimental and kinetic modeling study of ethyl butanoate oxidation in a laminar tubular plug flow reactor. Fuel, 2011, 90, 3237-3253.	6.6	20
98	Mass spectra of cyclic ethers formed in the low-temperature oxidation of a series of n-alkanes. Fuel, 2011, 90, 528-535.	6.6	20
99	Pericyclic reactions in ether biofuels. Proceedings of the Combustion Institute, 2017, 36, 569-576.	4.5	19
100	Vesicomyinae (Bivalvia: Vesicomyidae) of the Kurilâ€“Kamchatka Trench and adjacent abyssal regions. Deep-Sea Research Part II: Topical Studies in Oceanography, 2015, 111, 198-209.	1.5	18
101	Explosions of methane/air/nanoparticles mixtures: Comparison between carbon black and inert particles. Chemical Engineering Research and Design, 2017, 110, 77-88.	5.7	18
102	Prediction of Auto-Ignition Temperatures and Delays for Gas Turbine Applications. Journal of Engineering for Gas Turbines and Power, 2016, 138, .	1.2	17
103	Chemical lumping of mechanisms generated by computer. Application to the modelling of normal butane oxidation. Journal De Chimie Physique Et De Physico-Chimie Biologique, 1996, 93, 1472-1491.	0.2	16
104	Experimental and modelling study of the effect of CF3H, C2F6 and CF3Br on the ignition delays of methane-oxygen-argon mixtures behind shock waves. Journal De Chimie Physique Et De Physico-Chimie Biologique, 1997, 94, 460-476.	0.2	16
105	Modeling the Laminar Flame Speed of Natural Gas and Gasoline Surrogates. SAE technical paper series, 0, , .	0.0	14
106	Percutaneous Cholecystostomy as a First-Line Therapy in Chronic Hemodialysis Patients with Acute Cholecystitis with Midterm Follow-up. CardioVascular and Interventional Radiology, 2011, 34, 362-368.	2.1	14
107	Influence of carbon black nanoparticles on the front flame velocity of methane/air explosions. Journal of Loss Prevention in the Process Industries, 2017, 49, 919-928.	3.4	14
108	Experimental and numerical investigation of the promoting effect of a cetane booster in a low-octane gasoline fuel in a rapid compression machine: A study of 2-ethylhexyl nitrate. Combustion and Flame, 2020, 222, 36-47.	5.3	14

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109	Inhibiting effect of CF3I on the reaction between CH4 and O2 in a jet-stirred reactor. Combustion and Flame, 1997, 109, 285-292.	5.3	13
110	JTHERGAS: Thermodynamic estimation from 2D graphical representations of molecules. Energy, 2012, 43, 161-171.	9.0	13
111	CFD modelling of cyclohexane auto-ignition in an RCM. Fuel, 2012, 96, 192-203.	6.6	13
112	The importance of endothermic pyrolysis reactions in the understanding of diesel spray combustion. Fuel, 2018, 224, 302-310.	6.6	13
113	Auto-ignition control using an additive with adaptable chemical structure. Part I: Development of a kinetic model for 1,3-cyclohexadiene and 1,3,5-hexatriene combustion. Combustion and Flame, 2019, 205, 466-483.	5.3	13
114	Polycyclic aromatic hydrocarbon (PAH) formation during acetylene pyrolysis in tubular reactor under low pressure carburizing conditions. Chemical Engineering Science, 2019, 202, 84-94.	4.0	13
115	Numerical study of the influence of particle reaction and radiative heat transfer on the flame velocity of gas/nanoparticles hybrid mixtures. Chemical Engineering Research and Design, 2018, 118, 211-226.	5.7	12
116	Experimental and kinetic modeling of the ignition delays of cyclohexane, cyclohexene, and cyclohexadienes: Effect of unsaturation. Proceedings of the Combustion Institute, 2021, 38, 1017-1024.	4.5	12
117	Use of detailed kinetic mechanisms for the prediction of autoignitions. Journal of Loss Prevention in the Process Industries, 2006, 19, 227-232.	3.4	11
118	Experimental study of the structure of laminar premixed flames of ethanol/methane/oxygen/argon. Combustion, Explosion and Shock Waves, 2013, 49, 11-18.	0.8	11
119	Numerical Investigation on Dynamic Response and Failure Modes of Rock Slopes with Weak Interlayers Using Continuum-Discontinuum Element Method. Frontiers in Earth Science, 2021, 9, .	1.8	10
120	Stability of Olefin-Containing Process Gases as an Alternative Fuel for Gas Turbines. Industrial & Engineering Chemistry Research, 2005, 44, 4212-4220.	3.8	9
121	Experimental and modeling study of the autoignition of cyclopentene. International Journal of Chemical Kinetics, 2008, 40, 25-33.	1.7	9
122	The oxidation of the novel lignocellulosic biofuel Î³-valerolactone in a low pressure flame. Proceedings of the Combustion Institute, 2017, 36, 577-585.	4.5	9
123	Thermal Decomposition of Phosgene and Diphosgene. Journal of Physical Chemistry A, 2018, 122, 249-257.	2.6	9
124	Development of a Detailed Kinetic Model for the Oxidation of n-Butane in the Liquid Phase. Journal of Physical Chemistry B, 2021, 125, 6955-6967.	2.7	9
125	Experimental study of the structure of a lean premixed indane/CH4/O2/Ar flame. Combustion, Explosion and Shock Waves, 2010, 46, 132-139.	0.8	8
126	Myopic astigmatism correction: comparison of a Toric Implantable Collamer Lens and a bioptics technique by an adaptive optics visual simulator. Ophthalmic and Physiological Optics, 2013, 33, 114-122.	2.3	8

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127	The decisive role of pericyclic reactions in the thermal decomposition of organophosphorus compounds. Proceedings of the Combustion Institute, 2021, 38, 719-727.	4.5	8
128	An experimental and detailed kinetic modeling of the thermal oxidation stability of n-decane as a jet fuel surrogate component. Fuel, 2023, 342, 127754.	6.6	8
129	Chemical effects of ferrocene and 2-ethylhexyl nitrate on a low-octane gasoline: An experimental and numerical RCM study. Proceedings of the Combustion Institute, 2021, 38, 441-448.	4.5	7
130	Comparison of the Effects of Different Biofuels on the Oxidation Stability of a Hydrocarbon Fuel. SAE technical paper series, 0, , .	0.0	7
131	Photoacoustic detection of carbonaceous particles. Applied Optics, 1981, 20, 3475.	2.1	6
132	The Effects of Zataria multiflora Boiss Essential Oil and Nisin on Chemical Characteristics of Rainbow Trout Fillet Stored at 4ÂÂ°C. Probiotics and Antimicrobial Proteins, 2012, 4, 116-121.	4.0	6
133	Combustion and Oxidation Kinetics of Alternative Gas Turbines Fuels. , 2014, , .		6
134	Determination of heterogeneous reaction mechanisms: A key milestone in dust explosion modelling. Journal of Loss Prevention in the Process Industries, 2021, 73, 104589.	3.4	6
135	Synthesis of thieno[2,3-b][1,6]naphthyridines and pyrimido[4â€²,5â€²:4,5] thieno[2,3-b][1,6]naphthyridines. Journal of Chemical Research, 2008, 2008, 89-94.	1.4	5
136	Observation of the baryonicB-decayBÂ¯0â†'Î›c+pÂ¯Kâ^'Ï€+. Physical Review D, 2009, 80, .	4.8	5
137	Design of dual-polarized and angular stable new bandpass frequency selective surface in X-band. Telecommunication Systems, 2016, 61, 559-567.	2.6	5
138	Kinetic modeling of the thermal destruction of mustard gas. Proceedings of the Combustion Institute, 2017, 36, 499-506.	4.5	5
139	Study of Polycyclic Aromatic Hydrocarbon formation during acetylene pyrolysis in a jet-stirred-reactor and numerical investigations of residence time distribution using CFD simulations. Chemical Engineering Journal, 2019, 377, 120244.	13.0	5
140	Laminar flame structure of ethyl pentanoate at low and atmospheric-pressure: Experimental and kinetic modeling study. Energy, 2021, 215, 119115.	9.0	5
141	Theoretical study of the pyrolysis of Î²-1,4-xylan: a detailed investigation on unimolecular concerted reactions. Physical Chemistry Chemical Physics, 2021, 23, 2605-2621.	2.9	5
142	Update of application of olfactory ensheathing cells and stem cells/exosomes in the treatment of retinal disorders. Stem Cell Research and Therapy, 2022, 13, 11.	5.7	5
143	When should a rheumatologist suspect a mitochondrial myopathy?. Arthritis Care and Research, 2011, 63, 1497-1502.	3.8	4
144	Kinetic Modeling of the Thermal Destruction of Nitrogen Mustard Gas. Journal of Physical Chemistry A, 2017, 121, 3254-3262.	2.6	4

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145	Experiments and modeling of octanoic acid pyrolysis in a plug flow reactor. Journal of Analytical and Applied Pyrolysis, 2020, 146, 104767.	5.6	4
146	Theoretical study of the gas-phase thermal decomposition of urea. Proceedings of the Combustion Institute, 2021, 38, 355-364.	4.5	4
147	Theoretical Study of the Thermal Decomposition of Urea Derivatives. Journal of Physical Chemistry A, 2022, 126, 6264-6277.	2.6	4
148	Autoignition Control Using an Additive with Adaptable Chemical Structure. Part 2. Development of a PRF Kinetic Model Including 1,3-Cyclohexadiene Mechanism and Simulations of Ignition Control. Energy & Fuels, 2019, 33, 12704-12713.	5.2	3
149	Acetylene pyrolysis in a jet-stirred-reactor for low pressure gas carburizing process â€“ Experiments, kinetic modeling and mixing intensity investigations by CFD simulation. Chemical Engineering Science, 2019, 195, 810-819.	4.0	3
150	Kinetic modeling of the thermal destruction of lewisite. Journal of Hazardous Materials, 2020, 398, 123086.	12.6	3
151	A comprehensive kinetic study of the combustion mechanismof methyl isocyanate. Combustion and Flame, 2023, 255, 112913.	5.3	3
152	Laminar Flame Velocity of Components of Natural Gas. , 2011, , .		2
153	Hereditary angioedema type III , recurrent pregnancy loss and heterozygous MTHFR mutation. Dermatologic Therapy, 2020, 33, e14541.	1.7	2
154	Experimental study of the structure of a rich premixed 1,3-butadiene/CH4/O2/Ar flame. Combustion, Explosion and Shock Waves, 2006, 42, 702-707.	0.8	1
155	Prediction of Auto-Ignition Temperatures and Delays for Gas Turbine Applications. , 2015, , .		1
156	Combustion and Pyrolysis Kinetics of Chloropicrin. Journal of Physical Chemistry A, 2018, 122, 5735-5741.	2.6	1
157	Differential cortical thinning of auditory cortex in first episode schizophrenia: Association with auditory verbal hallucinations. Schizophrenia Research, 2019, 206, 464-465.	2.1	1
158	Management of patients after heart valve interventions. Expert opinion of the Working Group on Valvular Heart Diseases, Working Group on Cardiac Surgery, and Association of Cardiovascular Interventions of the Polish Cardiac Society. Kardiologia Polska, 2022, 80, 386-402.	0.6	1
159	Special issue dedicated to â€œCleaner Combustion 2011â€•conference. Energy, 2012, 43, 2-3.	9.0	0
160	Through the Looking Glass . . . and What You May Find There. Canadian Journal of Hospital Pharmacy, 2013, 66, 203-4.	0.1	0
161	Earlyâ€Life Nutrition and Stable Isotope Techniques. , 2017, , 81-107.		0
162	Gas Turbines in Alternative Fuel Applications: How to Predict the Stability of Olefin-Containing Process Gases. , 2003, , .		0

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163	Galata SerpuÅŸ Han ve Tavan Resimleri. Sanat Tarihi Dergisi, 0, , 51-79.	0.4	0
164	Spirit and Phenomenon as a Basic Idea for Batik Motive Making. Advances in social science, education and humanities research, 0, , .	0.0	0
165	Design of a Bench-Scale Tubular Reactor Similar to Plug Flow Reactor for Gas-Phase Kinetic Data Generation-Illustration with the Pyrolysis of Octanoic Acid. Processes, 2021, 9, 2270.	2.8	0
166	0817 Associations between Sleep Health and Injuries among Adults in the US: Findings from the National Health Interview Survey. Sleep, 2023, 46, A359-A360.	1.1	0
167	Experimental study of the impact of alcohols on the oxidation stability of a surrogate jet-fuel. Fuel, 2024, 361, 130750.	6.6	0
168	A comprehensive review of Pseudocercospora fruit and leaf spot (angular leaf spot): Current status, advances and future directions for sustainable citrus production. Plant Pathology, 0, , .	2.4	0