Kenji Yasunaga

List of Publications by Year
in descending order

13	929	933447 10	1125743 13
papers	citations	h-index	g-index

15	15	15	853
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A comprehensive chemical kinetic combustion model for the four butanol isomers. Combustion and Flame, 2012, 159, 2028-2055.	5.2	463
2	A comprehensive experimental and detailed chemical kinetic modelling study of 2,5-dimethylfuran pyrolysis and oxidation. Combustion and Flame, 2013, 160, 2291-2318.	5.2	143
3	A shock tube and chemical kinetic modeling study of the pyrolysis and oxidation of butanols. Combustion and Flame, 2012, 159, 2009-2027.	5.2	87
4	Shockâ€tube and modeling study of acetaldehyde pyrolysis and oxidation. International Journal of Chemical Kinetics, 2008, 40, 73-102.	1.6	61
5	An experimental and kinetic modeling study of the pyrolysis and oxidation of n-C3C5 aldehydes in shock tubes. Combustion and Flame, 2015, 162, 265-286.	5.2	59
6	Pyrolysis of n-pentane, n-hexane and n-heptane in a single pulse shock tube. Combustion and Flame, 2017, 185, 335-345.	5.2	33
7	Electrostatic Repulsion and Hydrogenâ€Bonding Interactions in a Simple Nâ€Arylâ€<scp>L</scp>â€valinamide Organocatalyst Control the Stereoselectivity in Asymmetric Aldol Reactions. European Journal of Organic Chemistry, 2013, 2013, 6535-6539.	2.4	24
8	Thermal Decomposition of 1,1,1-Trifluoroethane Revisited. Journal of Physical Chemistry A, 2014, 118, 11688-11695.	2.5	21
9	Kinetic and modeling studies on ETBE pyrolysis behind reflected shock waves. Chemical Physics Letters, 2008, 451, 192-197.	2.6	11
10	Asymmetric aldol reaction using a very simple primary amine catalyst: divergent stereoselectivity by using 2,6-difluorophenyl moiety. Tetrahedron, 2014, 70, 2816-2821.	1.9	11
11	A Quantum Chemical Study of the Abnormal Reactivity of 2â€Methoxyfuran. International Journal of Chemical Kinetics, 2013, 45, 531-541.	1.6	9
12	Modeling and Experimental Study on Pyrolysis of Isooctane and n-Heptane behind Reflected Shock Waves. Chemistry Letters, 2018, 47, 747-750.	1.3	5
13	Speciation in Shock Tubes. Green Energy and Technology, 2013, , 143-161.	0.6	2