Norman D Love

List of Publications by Year
in descending order

18	310	933447 10	1199594 12
papers	citations	h-index	g-index

18	18	18	427
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fabrication of bulk piezoelectric and dielectric BaTiO₃ ceramics using paste extrusion 3D printing technique. Journal of the American Ceramic Society, 2019, 102, 3685-3694.	3.8	69
2	Flashback propensity of syngas fuels. Fuel, 2011, 90, 618-625.	6.4	43
3	Correlation studies of hydrodynamics and heat transfer in metal foam heat exchangers. Applied Thermal Engineering, 2014, 71, 104-118.	6.0	33
4	Concentration Measurements of CH and OH Radicals in Laminar Biofuel Flames. International Journal of Green Energy, 2011, 8, 113-120.	3.8	29
5	Electrical and mechanical tuning of 3D printed photopolymerâ€“MWCNT nanocomposites through <scp>in situ</scp> dispersion. Journal of Applied Polymer Science, 2019, 136, 47600.	2.6	26
6	A Lithium Niobate High-Temperature Sensor for Energy System Applications. IEEE Sensors Journal, 2016, 16, 5883-5888.	4.7	25
7	Metamaterial Based Passive Wireless Temperature Sensor. Advanced Engineering Materials, 2017, 19, 1600741.	3.5	24
8	Thermoanalytical studies on the thermal and catalytic decomposition of aqueous hydroxylammonium nitrate solution. Combustion and Flame, 2018, 193, 417-423.	5.2	21
9	Thermodynamic analysis of a directly heated oxyfuel supercritical power system. Applied Energy, 2016, 179, 261-271.	10.1	15
10	Characterization of Thermal Energy Harvesting Using Pyroelectric Ceramics at Elevated Temperatures. Energy Harvesting and Systems, 2018, 5, 3-10.	2.7	10
11	Radiative heat release from premixed oxy-syngas and oxy-methane flames. Fuel, 2016, 166, 567-573.	6.4	7
12	Characterization of the pyroelectric coefficient of a high-temperature sensor. Journal of Intelligent Material Systems and Structures, 2018, 29, 938-943.	2.5	7
13	Impact of Equation of State Model and CO2 Diluent on Combustion Characteristics of a Directly Heated Supercritical Oxy-Fuel Combustor. , 2017, , .		1
14	Preliminary Computational Analysis of Combustion in a Directly Heated Supercritical Oxy-Fuel Combustor. , 2017, , .		0
15	Design and Experimental Demonastration of a High Pressure Oxy-Methane Combustor. , 2018, , .		0
16	Heat Transfer Characterization Methodology for an Oxy-Fuel Direct Power Extraction Combustion System. Journal of Propulsion and Power, 2018, 34, 1313-1322.	2.2	0
17	Design of an optically accessible turbulent combustion system. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2019, 233, 336-349.	2.1	0
18	Spectral Radiation Analysis of Premixed Oxy-Methane Flames. Journal of Heat Transfer, 2019, 141, .	2.1	0