Amin Reihani

List of Publications by Year
in descending order

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10 papers	144 citations	1478505 6 h-index	1474206 9 g-index
10 all docs	10 docs citations	10 times ranked	108 citing authors

#	Article	IF	Citations
1	Quantitative Mapping of Unmodulated Temperature Fields with Nanometer Resolution. ACS Nano, 2022, 16, 939-950.	14.6	9
2	Quantifying the temperature of heated microdevices using scanning thermal probes. Applied Physics Letters, 2021, 118, .	3.3	3
3	Near-field thermophotovoltaics for efficient heat to electricity conversion at high power density. Nature Communications, 2021, 12, 4364.	12.8	67
4	Microwatt-Resolution Calorimeter for Studying the Reaction Thermodynamics of Nanomaterials at High Temperature and Pressure. ACS Sensors, 2021, 6, 387-398.	7.8	4
5	Experimental response surface study of the effects of low-pressure exhaust gas recirculation mixing on turbocharger compressor performance. Applied Energy, 2020, 261, 114349.	10.1	12
6	Global kinetic modeling of rapidly pulsed reductants for lean NOx traps: Frequency domain analysis and impact of mass transfer. Applied Catalysis B: Environmental, 2019, 254, 223-236.	20.2	2
7	Rapidly pulsed reductants for diesel NOx reduction with lean NOx traps: Effects of pulsing parameters on performance. Applied Catalysis B: Environmental, 2018, 223, 177-191.	20.2	15
8	Graphyne Nanotubes: Materials with Ultralow Phonon Mean Free Path and Strong Optical Phonon Scattering for Thermoelectric Applications. Journal of Physical Chemistry C, 2018, 122, 22688-22698.	3.1	12
9	Rapidly Pulsed Reductants for Diesel NOx Reduction With Lean NOx Traps: Comparison of Alkanes and Alkenes as the Reducing Agent. Journal of Engineering for Gas Turbines and Power, 2017, 139, .	1.1	8
10	Rapidly Pulsed Reductants in Diesel NOx Reduction by Lean NOx Traps: Effects of Mixing Uniformity and Reductant Type. SAE International Journal of Engines, 0, 9, 1630-1641.	0.4	12