

Amin Reihani

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6106771/publications.pdf>

Version: 2024-02-01

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	Near-field thermophotovoltaics for efficient heat to electricity conversion at high power density. Nature Communications, 2021, 12, 4364.	12.8	67
2	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
3	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
4	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
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	Quantitative Mapping of Unmodulated Temperature Fields with Nanometer Resolution. ACS Nano, 2022, 16, 939-950.	14.6	9
7	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
8	Microwatt-Resolution Calorimeter for Studying the Reaction Thermodynamics of Nanomaterials at High Temperature and Pressure. ACS Sensors, 2021, 6, 387-398.	7.8	4
9	Quantifying the temperature of heated microdevices using scanning thermal probes. Applied Physics Letters, 2021, 118, .	3.3	3
10	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