

Xiaofeng Guo

List of Publications by Citations

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27
papers

862
citations

15
h-index

28
g-index

28
ext. papers

1,078
ext. citations

6.3
avg, IF

4.79
L-index

#	Paper	IF	Citations
27	Modeling and forecasting building energy consumption: A review of data-driven techniques. <i>Sustainable Cities and Society</i> , 2019 , 48, 101533	10.1	232
26	Association of RNA helicase a with human immunodeficiency virus type 1 particles. <i>Journal of Biological Chemistry</i> , 2006 , 281, 12625-35	5.4	79
25	Energy and comfort assessment in educational building: Case study in a French university campus. <i>Energy and Buildings</i> , 2017 , 143, 202-219	7	63
24	Expression of MIP-1alpha (CCL3) by a recombinant rabies virus enhances its immunogenicity by inducing innate immunity and recruiting dendritic cells and B cells. <i>Journal of Virology</i> , 2010 , 84, 9642-8	6.6	57
23	Mutation of the SP1 sequence impairs both multimerization and membrane-binding activities of human immunodeficiency virus type 1 Gag. <i>Journal of Virology</i> , 2005 , 79, 1803-12	6.6	46
22	Mixing performance assessment of a multi-channel mini heat exchanger reactor with arborescent distributor and collector. <i>Chemical Engineering Journal</i> , 2013 , 227, 116-127	14.7	39
21	The Tat protein of human immunodeficiency virus type 1 (HIV-1) can promote placement of tRNA primer onto viral RNA and suppress later DNA polymerization in HIV-1 reverse transcription. <i>Journal of Virology</i> , 2002 , 76, 3637-45	6.6	37
20	Multi-channel heat exchanger-reactor using arborescent distributors: A characterization study of fluid distribution, heat exchange performance and exothermic reaction. <i>Energy</i> , 2014 , 69, 728-741	7.9	36
19	Urban water networks as an alternative source for district heating and emergency heat-wave cooling. <i>Energy</i> , 2018 , 145, 79-87	7.9	33
18	Buildings energy consumption generation gap: A post-occupancy assessment in a case study of three higher education buildings. <i>Energy and Buildings</i> , 2018 , 159, 600-611	7	30
17	Air source heat pump for domestic hot water supply: Performance comparison between individual and building scale installations. <i>Energy</i> , 2018 , 164, 794-802	7.9	30
16	Acoustic streaming near a sharp structure and its mixing performance characterization. <i>Microfluidics and Nanofluidics</i> , 2019 , 23, 1	2.8	23
15	Coexpression of double or triple copies of the rabies virus glycoprotein gene using a 'self-cleaving' 2A peptide-based replication-defective human adenovirus serotype 5 vector. <i>Biologicals</i> , 2010 , 38, 586-93	1.8	20
14	Important role for the CA-NC spacer region in the assembly of bovine immunodeficiency virus Gag protein. <i>Journal of Virology</i> , 2004 , 78, 551-60	6.6	19
13	Thermally responsive coating on building heating and cooling energy efficiency and indoor comfort improvement. <i>Applied Energy</i> , 2019 , 253, 113506	10.7	15
12	RecovHeat: An estimation tool of urban waste heat recovery potential in sustainable cities 2017 ,		12
11	Opposing effects of the M368A point mutation and deletion of the SP1 region on membrane binding of human immunodeficiency virus type 1 Gag. <i>Virology</i> , 2005 , 335, 232-41	3.6	12

10	Residence time distribution on flow characterisation of multichannel systems: Modelling and experimentation. <i>Experimental Thermal and Fluid Science</i> , 2018 , 99, 407-419	3	11
9	Unveiling of the mechanisms of acoustic streaming induced by sharp edges. <i>Physical Review E</i> , 2020 , 102, 043110	2.4	11
8	Process Intensification Principles Applied to Thermal Energy Storage Systems – A Brief Review. <i>Frontiers in Energy Research</i> , 2018 , 6,	3.8	10
7	Mixing intensification using sound-driven micromixer with sharp edges. <i>Chemical Engineering Journal</i> , 2021 , 410, 128252	14.7	10
6	The R362A mutation at the C-terminus of CA inhibits packaging of human immunodeficiency virus type 1 RNA. <i>Virology</i> , 2005 , 343, 190-200	3.6	9
5	Energy saving with Optic-Variable Wall for stable air temperature control. <i>Energy</i> , 2019 , 173, 38-47	7.9	7
4	Acoustic Streaming Generated by Sharp Edges: The Coupled Influences of Liquid Viscosity and Acoustic Frequency. <i>Micromachines</i> , 2020 , 11,	3.3	7
3	Comparison of Direct and Indirect Active Thermal Energy Storage Strategies for Large-Scale Solar Heating Systems. <i>Energies</i> , 2019 , 12, 1948	3.1	6
2	Experimental characterization of a novel soft polymer heat exchanger for wastewater heat recovery. <i>International Journal of Heat and Mass Transfer</i> , 2020 , 161, 120256	4.9	5
1	Smart utilization of solar energy with Optic-Variable Wall (OVW) for thermal comfort. <i>Energy and Buildings</i> , 2019 , 202, 109376	7	3