

# Xiaofeng Guo

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

1,277  
citations

430754

18  
h-index

526166

27  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1417  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling and forecasting building energy consumption: A review of data-driven techniques. <i>Sustainable Cities and Society</i> , 2019, 48, 101533.	5.1	435
2	Association of RNA Helicase A with Human Immunodeficiency Virus Type 1 Particles. <i>Journal of Biological Chemistry</i> , 2006, 281, 12625-12635.	1.6	86
3	Energy and comfort assessment in educational building: Case study in a French university campus. <i>Energy and Buildings</i> , 2017, 143, 202-219.	3.1	85
4	Expression of MIP-1 $\alpha$ (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, 9642-9648.	1.5	67
5	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, 1803-1812.	1.5	51
6	Urban water networks as an alternative source for district heating and emergency heat-wave cooling. <i>Energy</i> , 2018, 145, 79-87.	4.5	46
7	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.	6.6	44
8	Mixing intensification using sound-driven micromixer with sharp edges. <i>Chemical Engineering Journal</i> , 2021, 410, 128252.	6.6	44
9	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.	3.1	42
10	Air source heat pump for domestic hot water supply: Performance comparison between individual and building scale installations. <i>Energy</i> , 2018, 164, 794-802.	4.5	42
11	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.	4.5	41
12	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, 3637-3645.	1.5	37
13	Acoustic streaming near a sharp structure and its mixing performance characterization. <i>Microfluidics and Nanofluidics</i> , 2019, 23, 1.	1.0	36
14	Unveiling of the mechanisms of acoustic streaming induced by sharp edges. <i>Physical Review E</i> , 2020, 102, 043110.	0.8	32
15	Thermally responsive coating on building heating and cooling energy efficiency and indoor comfort improvement. <i>Applied Energy</i> , 2019, 253, 113506.	5.1	24
16	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, 586-593.	0.5	23
17	Acoustic Streaming Generated by Sharp Edges: The Coupled Influences of Liquid Viscosity and Acoustic Frequency. <i>Micromachines</i> , 2020, 11, 607.	1.4	20
18	Important Role for the CA-NC Spacer Region in the Assembly of Bovine Immunodeficiency Virus Gag Protein. <i>Journal of Virology</i> , 2004, 78, 551-560.	1.5	19

#	ARTICLE	IF	CITATIONS
19	Experimental characterization of a novel soft polymer heat exchanger for wastewater heat recovery. International Journal of Heat and Mass Transfer, 2020, 161, 120256.	2.5	17
20	Residence time distribution on flow characterisation of multichannel systems: Modelling and experimentation. Experimental Thermal and Fluid Science, 2018, 99, 407-419.	1.5	15
21	Process Intensification Principles Applied to Thermal Energy Storage Systemsâ€”A Brief Review. Frontiers in Energy Research, 2018, 6, .	1.2	13
22	Opposing effects of the M368A point mutation and deletion of the SP1 region on membrane binding of human immunodeficiency virus type 1 Gag. Virology, 2005, 335, 232-241.	1.1	12
23	Recovâ€™Heat: An estimation tool of urban waste heat recovery potential in sustainable cities. AIP Conference Proceedings, 2017, , .	0.3	12
24	Energy saving with Optic-Variable Wall for stable air temperature control. Energy, 2019, 173, 38-47.	4.5	11
25	The R362A mutation at the C-terminus of CA inhibits packaging of human immunodeficiency virus type 1 RNA. Virology, 2005, 343, 190-200.	1.1	10
26	Comparison of Direct and Indirect Active Thermal Energy Storage Strategies for Large-Scale Solar Heating Systems. Energies, 2019, 12, 1948.	1.6	8
27	Smart utilization of solar energy with Optic-Variable Wall (OVW) for thermal comfort. Energy and Buildings, 2019, 202, 109376.	3.1	5
28	Thermal Performance of a Multi-Channel Heat Exchanger-Reactor. , 2014, , .		0