

# Muhammad Asif

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4348134/publications.pdf>

Version: 2024-02-01

60  
papers

3,514  
citations

185998

28  
h-index

168136

53  
g-index

71  
all docs

71  
docs citations

71  
times ranked

3477  
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy supply, its demand and security issues for developed and emerging economies. <i>Renewable and Sustainable Energy Reviews</i> , 2007, 11, 1388-1413.	8.2	941
2	Life cycle assessment: A case study of a dwelling home in Scotland. <i>Building and Environment</i> , 2007, 42, 1391-1394.	3.0	345
3	Sustainable energy options for Pakistan. <i>Renewable and Sustainable Energy Reviews</i> , 2009, 13, 903-909.	8.2	195
4	Sustainable production of solar electricity with particular reference to the Indian economy. <i>Renewable and Sustainable Energy Reviews</i> , 2005, 9, 444-473.	8.2	171
5	Growth and sustainability trends in the buildings sector in the GCC region with particular reference to the KSA and UAE. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 55, 1267-1273.	8.2	128
6	Prospects of solar water heating for textile industry in Pakistan. <i>Renewable and Sustainable Energy Reviews</i> , 2006, 10, 1-23.	8.2	97
7	Progress of solar photovoltaic in ASEAN countries: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 48, 399-412.	8.2	86
8	Prospects for secure and sustainable electricity supply for Pakistan. <i>Renewable and Sustainable Energy Reviews</i> , 2007, 11, 654-671.	8.2	74
9	Rooftop PV Potential in the Residential Sector of the Kingdom of Saudi Arabia. <i>Buildings</i> , 2017, 7, 46.	1.4	73
10	Prospects of PV application in unregulated building rooftops in developing countries: A perspective from Saudi Arabia. <i>Energy and Buildings</i> , 2018, 171, 76-87.	3.1	71
11	Solar assisted, pre-cooled hybrid desiccant cooling system for Pakistan. <i>Renewable Energy</i> , 2009, 34, 151-157.	4.3	70
12	Energy and Economic Evaluation of Green Roofs for Residential Buildings in Hot-Humid Climates. <i>Buildings</i> , 2017, 7, 30.	1.4	65
13	Assessing the contribution of water and energy efficiency in green buildings to achieve United Nations Sustainable Development Goals in Jordan. <i>Building and Environment</i> , 2018, 146, 119-132.	3.0	65
14	Prospects of Renewable Energy to Promote Zero-Energy Residential Buildings in the KSA. <i>Energy Procedia</i> , 2012, 18, 1096-1105.	1.8	63
15	Trends in Residential Energy Consumption in Saudi Arabia with Particular Reference to the Eastern Province. <i>Journal of Sustainable Development of Energy, Water and Environment Systems</i> , 2014, 2, 376-387.	0.9	60
16	Analysis of critical climate related factors for the application of zero-energy homes in Saudi Arabia. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 41, 1395-1403.	8.2	59
17	Assessment of net energy contribution to buildings by rooftop photovoltaic systems in hot-humid climates. <i>Renewable Energy</i> , 2019, 131, 1288-1299.	4.3	52
18	BIM-based techno-economic assessment of energy retrofitting residential buildings in hot humid climate. <i>Energy and Buildings</i> , 2020, 227, 110406.	3.1	48

#	ARTICLE	IF	CITATIONS
19	Generation and transmission prospects for solar electricity: UK and global markets. <i>Energy Conversion and Management</i> , 2003, 44, 35-52.	4.4	43
20	Urban Scale Application of Solar PV to Improve Sustainability in the Building and the Energy Sectors of KSA. <i>Sustainability</i> , 2016, 8, 1127.	1.6	42
21	Climatic Classifications of Saudi Arabia for Building Energy Modelling. <i>Energy Procedia</i> , 2015, 75, 1425-1430.	1.8	40
22	Techno-economic assessment of application of solar PV in building sector. <i>Smart and Sustainable Built Environment</i> , 2019, 8, 34-52.	2.2	40
23	Impact of Green Roof and Orientation on the Energy Performance of Buildings: A Case Study from Saudi Arabia. <i>Sustainability</i> , 2017, 9, 640.	1.6	38
24	Salient features of the Grameen Shakti renewable energy program. <i>Renewable and Sustainable Energy Reviews</i> , 2011, 15, 5063-5067.	8.2	34
25	Households energy conservation in Saudi Arabia: Lessons learnt from change-agents driven interventions program. <i>Journal of Cleaner Production</i> , 2018, 185, 998-1014.	4.6	33
26	Prospects for solar water heating within Turkish textile industry. <i>Renewable and Sustainable Energy Reviews</i> , 2008, 12, 807-823.	8.2	32
27	Sustainability of timber, wood and bamboo in construction. , 2009, , 31-54.		31
28	Life Cycle Assessment of a Three-Bedroom House in Saudi Arabia. <i>Environments - MDPI</i> , 2017, 4, 52.	1.5	30
29	The Role of Vernacular Construction Techniques and Materials for Developing Zero-Energy Homes in Various Desert Climates. <i>Buildings</i> , 2017, 7, 17.	1.4	28
30	A new index for assessing the contribution of energy efficiency in LEED 2009 certified green buildings to achieving UN sustainable development goals in Jordan. <i>International Journal of Green Energy</i> , 2019, 16, 490-499.	2.1	26
31	Assessment of solar PV potential in commercial buildings. <i>Renewable Energy</i> , 2022, 187, 618-630.	4.3	26
32	Systematic Review Analysis on Smart Building: Challenges and Opportunities. <i>Sustainability</i> , 2022, 14, 3009.	1.6	26
33	An Exploratory of Residents's™ Views Towards Applying Renewable Energy Systems in Saudi Dwellings. <i>Energy Procedia</i> , 2015, 75, 1341-1347.	1.8	25
34	A critical review of energy retrofitting trends in residential buildings with particular focus on the GCC countries. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 144, 111000.	8.2	25
35	Saudi Building Industry's Views on Sustainability in Buildings: Questionnaire Survey. <i>Energy Procedia</i> , 2014, 62, 382-390.	1.8	23
36	Barriers to Industrial Energy Efficiency Improvement – Manufacturing SMEs of Pakistan. <i>Energy Procedia</i> , 2017, 113, 135-142.	1.8	23

#	ARTICLE	IF	CITATIONS
37	Application of solar PV in commercial buildings: Utilizability of rooftops. Energy and Buildings, 2022, 257, 111774.	3.1	23
38	Application of Building Performance Simulation to Design Energy-Efficient Homes: Case Study from Saudi Arabia. Sustainability, 2019, 11, 6048.	1.6	22
39	Case Study of a Nearly Zero Energy Building in Italian Climatic Conditions. Infrastructures, 2017, 2, 19.	1.4	21
40	Analysis and inter-comparison of energy yield of wind turbines in Pakistan using detailed hourly and per minute recorded data sets. Energy Conversion and Management, 2009, 50, 2340-2350.	4.4	20
41	Water Efficiency and Management in Sustainable Building Rating Systems: Examining Variation in Criteria Usage. Sustainability, 2019, 11, 2416.	1.6	19
42	Commercial building retrofitting: Assessment of improvements in energy performance and indoor air quality. Case Studies in Thermal Engineering, 2021, 26, 100946.	2.8	19
43	Role of Energy Conservation and Management in the 4D Sustainable Energy Transition. Sustainability, 2020, 12, 10006.	1.6	18
44	A value engineering analysis of timber windows. Building Services Engineering Research and Technology, 2005, 26, 145-155.	0.9	17
45	An Efficient Method for Assessing the Quality of Large Solar Irradiance Datasets. Journal of Solar Energy Engineering, Transactions of the ASME, 2005, 127, 150-152.	1.1	11
46	Comparison of aluminium and stainless steel built-in-storage solar water heater. Building Services Engineering Research and Technology, 2007, 28, 337-346.	0.9	11
47	Techno-Economic Assessment of Rooftop PV Systems in Residential Buildings in Hot&#x201c;Humid Climates. Sustainability, 2020, 12, 10060.	1.6	10
48	Techno-Economic Assessment of Energy Retrofitting Educational Buildings: A Case Study in Saudi Arabia. Sustainability, 2021, 13, 179.	1.6	10
49	Integration of building energy modeling in the design process to improve sustainability standards in the residential sector &#x201c; Case study of the Eastern Province of Saudi Arabia. , 2017, , .		7
50	Fundamentals and Application of Solar Thermal Technologies. , 2017, , 27-36.		5
51	Security assessment of importing solar electricity for the EU. Journal of the Energy Institute, 2009, 82, 102-105.	2.7	3
52	Briefing: Sustainability assessment of super-insulated timber windows. Proceedings of Institution of Civil Engineers: Construction Materials, 2014, 167, 3-7.	0.7	3
53	Building related PV systems in GCC countries: A SWOT analysis. , 2017, , .		3
54	Introduction to energy and environmental security. , 2022, , 1-11.		2

#	ARTICLE	IF	CITATIONS
55	Possible Us-Iran Military Conflict and Its Implications upon Global Sustainable Development. Journal of Sustainable Development, 2009, 2, .	0.1	1
56	Sustainability Assessment of Enhanced Glazing Compositions of Commercial Buildings in Hot-Humid Climates. , 2017, , .		1
57	Buildings for sustainable energy future. , 2022, , 171-181.		1
58	Towards a Shared Future. Advanced Sciences and Technologies for Security Applications, 2021, , 659-668.	0.4	0
59	Solar Water Heating: Domestic and Industrial Applications. , 2014, , 1768-1775.		0
60	Sustainable energy transition in the 21st century. , 2022, , 27-38.		0