

# Ahmad H Sakhrieh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1524367/publications.pdf>

Version: 2024-02-01

36  
papers

774  
citations

759233  
12  
h-index

526287  
27  
g-index

37  
all docs

37  
docs citations

37  
times ranked

857  
citing authors

#	ARTICLE	IF	CITATIONS
1	Engine performance using emulsified diesel fuel. <i>Energy Conversion and Management</i> , 2010, 51, 1708-1713.	9.2	204
2	The influence of pressure on the control of premixed turbulent flames using an electric field. <i>Combustion and Flame</i> , 2005, 143, 313-322.	5.2	77
3	Experimental investigation of the performance of five types of solar collectors. <i>Energy Conversion and Management</i> , 2013, 65, 715-720.	9.2	76
4	Mixed convection of MHD flow in nanofluid filled and partially heated wavy walled lid-driven enclosure. <i>International Communications in Heat and Mass Transfer</i> , 2017, 86, 42-51.	5.6	71
5	The effect of boost pressure on the performance characteristics of a diesel engine: A neuro-fuzzy approach. <i>Applied Energy</i> , 2009, 86, 113-121.	10.1	67
6	Experimental and numerical investigations of salt gradient solar pond under Jordanian climate conditions. <i>Energy Conversion and Management</i> , 2013, 65, 725-728.	9.2	55
7	Potential of utilizing solar cooling in The University of Jordan. <i>Energy Conversion and Management</i> , 2013, 65, 729-735.	9.2	28
8	Computational thermodynamic analysis of compression ignition engine. <i>International Communications in Heat and Mass Transfer</i> , 2010, 37, 299-303.	5.6	26
9	Environmental and performance study of a 4-Stroke CI engine powered with waste oil biodiesel. <i>Sustainable Cities and Society</i> , 2013, 9, 32-38.	10.4	22
10	Effective implementation of ISO 50001 energy management system. <i>International Journal of Engineering Business Management</i> , 2017, 9, 184797901769871.	3.7	20
11	Thermodynamic analysis of a biomass-fired lab-scale power plant. <i>Energy</i> , 2020, 194, 116843.	8.8	16
12	Dust explosion of oil shale and olive cake solid fuels: a comparison study. <i>International Journal of Energy Research</i> , 2005, 29, 871-878.	4.5	12
13	Surface temperature measurements in a porous media burner using a new laser-induced phosphorescence intensity ratio technique. <i>Measurement Science and Technology</i> , 2013, 24, 075202.	2.6	12
14	Optimization of oxyhydrogen gas flow rate as a supplementary fuel in compression ignition combustion engines. <i>International Journal of Heat and Technology</i> , 2017, 35, 116-122.	0.6	12
15	Optimized cleaning and cooling for photovoltaic modules based on the output performance. <i>Thermal Science</i> , 2018, 22, 237-246.	1.1	11
16	Performance of diesel engine using gas mixture with variable specific heats model. <i>Journal of the Energy Institute</i> , 2010, 83, 217-224.	5.3	10
17	Two-dimensional numerical modeling of combustion of Jordanian oil shale. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 1189-1196.	2.3	9
18	Combustion characteristics of solid waste biomass, oil shale, and coal. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2018, 40, 335-342.	2.3	8

#	ARTICLE	IF	CITATIONS
19	Effects of glazing design and infiltration rate on energy consumption and thermal comfort in residential buildings. Thermal Science, 2019, 23, 2951-2960.	1.1	8
20	Potential of Solar Cells Performance Enhancement Using Liquid Absorption Filters. Iranian Journal of Science and Technology - Transactions of Mechanical Engineering, 2019, 43, 383-398.	1.3	6
21	Enhancement of Solar Water Desalination Using Copper and Aluminum Oxide Nanoparticles. Water (Switzerland), 2021, 13, 1914.	2.7	5
22	Air Quality Assessment and Forecasting Using Neural Network Model. Journal of Ecological Engineering, 2021, 22, 1-11.	1.1	4
23	A comparative analysis of energy indicators and CO <sub>2</sub> emissions in 15 Arab countries. International Journal of Environment and Waste Management, 2013, 11, 129.	0.3	3
24	Enhancement of Thermal Energy Storage Using Phase-Change Material under Jordanian Climate. Journal of Infrastructure Systems, 2016, 22, .	1.8	3
25	CRUCIAL ROLE OF EFFICIENT COMMUNICATION ON CONSTRUCTION PROJECTS PROGRESS, DELIVERABLES AND CONFLICTS REDUCTION IN THE UNITED ARAB EMIRATES. Polish Journal of Management Studies, 2021, 23, 9-22.	0.9	3
26	The adiabatic flame temperature and laminar flame speed of methane premixed flames at varying pressures. Acta Periodica Technologica, 2019, , 220-227.	0.2	2
27	Experimental study on exhaust gas after treatment using limestone. Thermal Science, 2013, 17, 49-56.	1.1	1
28	Energy Saving by the Means of Geothermal Energy. Journal of Clean Energy Technologies, 0, , 243-245.	0.1	1
29	Factors motivating governmental employees in the United Arab Emirates. Problems and Perspectives in Management, 2021, 19, 248-257.	1.4	1
30	An optimized off-grid hybrid system for power generation in rural areas. International Journal of Power Electronics and Drive Systems, 2022, 13, 865.	0.6	1
31	EXPERIMENTAL STUDY OF USING EMULSIFIED DIESEL FUEL ON THE PERFORMANCE AND POLLUTANTS EMITTED FROM FOUR STROKE WATER COOLED DIESEL ENGINE. , 2009, , .		0
32	A study on the Jordanian oil shale resources and utilization. , 2012, , .		0
33	Electro-Hydrodynamic Control of Premixed Turbulent Methane Flames at Pressures Above 1 ATM. , 2005, , .		0
34	2-D numerical modeling of flame behavior under electric field effect. International Journal of Heat and Technology, 2018, 36, 1101-1106.	0.6	0
35	Impact of integration management on performance in the UAE. Problems and Perspectives in Management, 2022, 20, 58-68.	1.4	0
36	Adaptability to Green Building Regulations in Oil-Producing Countries: Obstacles and Solutions. International Journal of Energy Economics and Policy, 2022, 12, 149-153.	1.2	0