

# Anwar Johari

## List of Publications by Year in descending order

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28  
papers

752  
citations

687363

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h-index

713466

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28  
all docs

28  
docs citations

28  
times ranked

923  
citing authors

#	ARTICLE	IF	CITATIONS
1	Economic and environmental benefits of landfill gas from municipal solid waste in Malaysia. Renewable and Sustainable Energy Reviews, 2012, 16, 2907-2912.	16.4	219
2	The challenges and prospects of palm oil based biodiesel in Malaysia. Energy, 2015, 81, 255-261.	8.8	107
3	A source of renewable energy in Malaysia, why biodiesel?. Renewable and Sustainable Energy Reviews, 2014, 35, 244-257.	16.4	82
4	Municipal Solid Waste Management and Potential Revenue from Recycling in Malaysia. Modern Applied Science, 2014, 8, .	0.6	62
5	Comparative Analysis of the Calorific Fuel Properties of Empty Fruit Bunch Fiber and Briquette. Energy Procedia, 2014, 52, 466-473.	1.8	36
6	Evaluation of Reaction Parameters of the Phenol Steam Reforming over Ni/Co on ZrO <sub>2</sub> Using the Full Factorial Experimental Design. Applied Sciences (Switzerland), 2016, 6, 223.	2.5	31
7	Catalytic steam reforming of tar for enhancing hydrogen production from biomass gasification: a review. Frontiers in Energy, 2020, 14, 545-569.	2.3	27
8	Solid Catalysts and their Application in Biodiesel Production. Bulletin of Chemical Reaction Engineering and Catalysis, 2012, 7, 142-149.	1.1	25
9	Hydrogen Production from Acetic Acid Steam Reforming over Bimetallic Ni-Co on La <sub>2</sub> O <sub>3</sub> /O <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> Catalyst-Effect of the Catalyst Dilution. Applied Mechanics and Materials, 0, 493, 39-44.	0.2	19
10	Thermogravimetric Analysis of the Fuel Properties of Empty Fruit Bunch Briquettes. Jurnal Teknologi (Sciences and Engineering), 2014, 67, .	0.4	18
11	Grape Juice Concentration by Progressive Freeze Concentrator Sequence System. Journal of Food Processing and Preservation, 2017, 41, e12910.	2.0	18
12	Optimal landfill gas utilization for renewable energy production. Environmental Progress and Sustainable Energy, 2015, 34, 289-296.	2.3	17
13	Economic and environmental evaluation of landfill gas utilisation: A multi-period optimisation approach for low carbon regions. International Biodeterioration and Biodegradation, 2015, 102, 191-201.	3.9	17
14	Analysis of the Pyrolytic Fuel Properties of Empty Fruit Bunch Briquettes. Journal of Applied Sciences, 2012, 12, 2527-2533.	0.3	17
15	Desalination of seawater through progressive freeze concentration using a coil crystallizer. Water Science and Technology: Water Supply, 2015, 15, 625-631.	2.1	15
16	Gasification of Empty Fruit Bunch Briquettes in a Fixed Bed Tubular Reactor for Hydrogen Production. Applied Mechanics and Materials, 0, 699, 534-539.	0.2	12
17	HYDROGEN PRODUCTION FROM PHENOL STEAM REFORMING OVER Ni-Co/ZrO <sub>2</sub> CATALYST: EFFECT OF CATALYST DILUTION. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	6
18	GASIFICATION OF OIL PALM EMPTY FRUIT BUNCHES (OPEFB) BRIQUETTES FOR BIO-SYNGAS PRODUCTION. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	6

#	ARTICLE	IF	CITATIONS
19	A Simplified Model for Gasification of Oil Palm Empty Fruit Bunch Briquettes. Jurnal Teknologi (Sciences and Engineering), 2014, 69, .	0.4	3
20	Design of a Bubbling Fluidized Bed Gasifier for the Thermochemical Conversion of Oil Palm Empty Fruit Bunch Briquette. Applied Mechanics and Materials, 0, 493, 3-8.	0.2	3
21	Preliminary torrefaction of oil palm empty fruit bunch pellets. E3S Web of Conferences, 2019, 90, 01014.	0.5	3
22	Renewable energy and carbon reduction potentials of municipal solid waste in MALAYSIA. , 2011, , .		2
23	Dielectric Relaxation Process and Microwave Heating Mechanism in $\hat{\mu}$ -Caprolactone as a Function of Frequency and Temperature. Advanced Materials Research, 2014, 931-932, 205-209.	0.3	2
24	Thermogravimetric Analysis of Char Waste from the Air Gasification of Empty Fruit Bunch Briquette.. MATEC Web of Conferences, 2014, 13, 02004.	0.2	1
25	Trans-Esterification of Triglycerides with Methanol on Sulfated Zirconia Prepared with Different Concentration of Sulfuric Acid. Applied Mechanics and Materials, 0, 493, 15-20.	0.2	1
26	Dielectric Properties for the Ring Opening Polymerisation of $\hat{\mu}$ -Caprolactone. Applied Mechanics and Materials, 0, 493, 621-627.	0.2	1
27	A Linear Programing Approach for Landfill Gas Utilization for Renewable Energy Production. Applied Mechanics and Materials, 0, 699, 619-624.	0.2	1
28	Thermal Decomposition Kinetics of Torrefied Oil Palm Empty Fruit Bunch Briquettes. Chemistry and Chemical Technology, 2016, 10, 325-328.	1.1	1