

# Anwar Ilmar Ramadhan

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

220  
citations

1307594

7  
h-index

1199594

12  
g-index

50  
all docs

50  
docs citations

50  
times ranked

126  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation on stability of tri-hybrid nanofluids in water-ethylene glycol mixture. IOP Conference Series: Materials Science and Engineering, 0, 469, 012068.	0.6	34
2	Experimental and numerical study of heat transfer and friction factor of plain tube with hybrid nanofluids. Case Studies in Thermal Engineering, 2020, 22, 100782.	5.7	30
3	Thermal hydraulic performance for hybrid composition ratio of TiO <sub>2</sub> -SiO <sub>2</sub> nanofluids in a tube with wire coil inserts. Case Studies in Thermal Engineering, 2021, 25, 100899.	5.7	25
4	Experimental Investigation of Thermo-Physical Properties of Tri-Hybrid Nanoparticles in Water-Ethylene Glycol Mixture. Walailak Journal of Science and Technology, 2021, 18, .	0.5	21
5	Preliminary Study for Design Core of Nuclear Research Reactor of TRIGA Bandung Using Fuel Element Plate MTR. Engineering Journal, 2017, 21, 173-181.	1.0	13
6	Comparison of Blepharoptosis Correction Using Müller-aperoneurosis Composite Flap Advancement and Frontalis Muscle Transfer. Plastic and Reconstructive Surgery - Global Open, 2014, 2, e200.	0.6	10
7	Experimental Investigation of Cooling Performance in Automotive Radiator using Al <sub>2</sub> O <sub>3</sub> -TiO <sub>2</sub> -SiO <sub>2</sub> Nanofluids. Automotive Experiences, 2021, 5, 28-39.	0.9	9
8	Heat transfer characteristics of car radiator using tri-hybrid nanocoolant. IOP Conference Series: Materials Science and Engineering, 2020, 863, 012054.	0.6	7
9	Investigation on stability of TiO <sub>2</sub> -SiO <sub>2</sub> nanofluids with ratio (70:30) in W/EG mixture (60:40). IOP Conference Series: Materials Science and Engineering, 2021, 1062, 012020.	0.6	7
10	Numerical study of effect parameter fluid flow nanofluid Al <sub>2</sub> O <sub>3</sub> -water on heat transfer in corrugated tube. AIP Conference Proceedings, 2016, , .	0.4	6
11	Characteristic of TiO <sub>2</sub> -SiO <sub>2</sub> Nanofluid With Water/Ethylene Glycol Mixture for Solar Application. Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, 2021, 81, 1-13.	0.6	6
12	Effects and characterization of different soybean varieties in yield and organoleptic properties of tofu. Results in Engineering, 2021, 11, 100238.	5.1	6
13	Analisis Desain Sistem Pembangkit Listrik Tenaga Surya Kapasitas 50 WP. Teknik, 2016, 37, 59.	0.1	5
14	Formulation process making of Aloe veramask with variable percentage of Aloe veragel extract. IOP Conference Series: Materials Science and Engineering, 2018, 403, 012013.	0.6	4
15	Effects of heat transfer based water for three square multilayer absorber solar collector. IOP Conference Series: Materials Science and Engineering, 2020, 788, 012078.	0.6	4
16	Experimental Determination of Water, Water/Ethylene Glycol and TiO <sub>2</sub> -SiO <sub>2</sub> Nanofluids mixture with Water/Ethylene Glycol to Three Square Multilayer Absorber Collector on Solar Water Heating System: A Comparative Investigation. IOP Conference Series: Materials Science and Engineering, 2021, 1062, 012019.	0.6	4
17	The effect of nanoparticles composition ratio on dynamic viscosity of Al <sub>2</sub> O <sub>3</sub> -TiO <sub>2</sub> -SiO <sub>2</sub> nanofluids. Materials Today: Proceedings, 2022, 48, 1920-1923.	1.8	4
18	The Effects of Vacuum Evaporation on Amino Acid Contents in Pureed Aloe Chinensis Baker Gel using HPLC. IOP Conference Series: Materials Science and Engineering, 2019, 543, 012014.	0.6	3

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19	Optimization of powder coating process parameters in mild steel (SPCC-SD) to improve dry film thickness. Journal of Applied Engineering Science, 2021, 19, 475-482.	0.9	3
20	Effect Analysis of Volume Fraction of Nanofluid Al <sub>2</sub> O <sub>3</sub> -Water on Natural Convection Heat Transfer Coefficient in Small Modular Reactor. World Journal of Nuclear Science and Technology, 2016, 06, 79-88.	0.3	3
21	Performance Optimization of Automotive Air-Conditioning System Operating with Al <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> /PAG Composite Nanolubricants using Taguchi Method. Automotive Experiences, 2022, 5, 121-136.	0.9	3
22	CFD Analysis of Convective Heat Transfer in a Vertical Square Sub-Channel for Laminar Flow Regime. Fluids, 2022, 7, 207.	1.7	3
23	Comparative analysis of preliminary design core of TRIGA Bandung using fuel element plate MTR in Indonesia. AIP Conference Proceedings, 2017, , .	0.4	2
24	Collaboration on Involvement in Improving Science Learning Outcomes through Group Investigation. Journal of Physics: Conference Series, 2021, 1764, 012096.	0.4	2
25	Comparison of effect of chitosan and chitosan nano emulsion on growth performance, water quality and protein retention of Koi fish (Cyprinus Caprio Koi). Journal of Physics: Conference Series, 2020, 1517, 012032.	0.4	1
26	Evaluation of the Pump Capability of the Primary Cooling of TRIGA 2000 Research Reactor. Journal of Physics: Conference Series, 2020, 1493, 012018.	0.4	1
27	OPTIMASI DESAIN RANGKA SEPEDA BERBAHAN BAKU KOMPOSIT BERBASIS METODE ANOVA. Jurnal Teknologi, 2016, 8, 17.	0.0	1
28	ANALISIS PENGARUH HARMONISA TERHADAP KABEL "NYA". Jurnal Teknologi, 2016, 8, 93.	0.0	1
29	Effects of Drying Time on Yield and Moisture Content of "Sumahe"-Powdered Drink Using Spray Dryer. Aceh International Journal of Science and Technology, 2019, 7, 144-149.	0.3	1
30	CLUSTER ANALYSIS OF STUDENTS' MULTIPLE INTELLIGENCES IN FIRST GRADE AT MADRASAH IBTIDAIYAH AL-INAYAH IN INDONESIA. Journal of Critical Reviews, 2020, 7, .	0.1	1
31	SIMULASI KARAKTERISTIK ALIRAN DAN SUHU FLUIDA PENDINGIN (H <sub>2</sub> O) PADA TERAS REAKTOR NUKLIR SMR (SMALL MODULAR REACTOR). Rotasi, 2014, 15, 33.	0.0	0
32	RANCANG ULANG HEAT EXCHANGER SHELL AND TUBE PADA PRESSURE REDUCING SYSTEM UNTUK COMPRESSED NATURAL GAS KAPASITAS 150 m <sup>3</sup> /Jam. Rotasi, 2015, 17, 114.	0.0	0
33	The effects of types and concentrations of adsorbents on aloe vera gel opacity. IOP Conference Series: Materials Science and Engineering, 2019, 674, 012011.	0.6	0
34	Tube catalyst (TKplus) to crack gasoline fuel vapor in motor vehicle. Journal of Physics: Conference Series, 2020, 1481, 012014.	0.4	0
35	Rancang Bangun Model Alat Uji Teras Reaktor Nuklir Small Modular Reactor (SMR) Dengan Fluida Pendingin H <sub>2</sub> O Untuk Kondisi Konveksi Paksa. Reayasa Mesin, 2015, 6, 9-18.	0.1	0
36	Analysis Magnetization Current of Harmonic Phenomena and Power Factor as Indicators of Core Saturation at Transformer 3-Phase. Journal of Power and Energy Engineering, 2016, 04, 1-6.	0.6	0

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37	Development Program of Chemical Industry Based Computer Assisted Instruction for Students of Industrial Engineering Department in Indonesia. <i>Open Journal of Applied Sciences</i> , 2016, 06, 327-335.	0.4	0
38	ANALISIS DESAIN PICKUP PIEZOELEKTRIK DARI MODEL HYBRID SOLAR CELL-PIEZOELECTRIC UNTUK DAYA RENDAH. <i>Jurnal Teknologi</i> , 2017, 9, 83.	0.0	0
39	Analisa Penyusutan Produk Plastik di Proses Injection Molding Menggunakan Media Pendingin Cooling Tower dan Udara dengan Material Polypropylene. <i>JRST: Jurnal Riset Sains Dan Teknologi</i> , 2017, 1, 65.	0.0	0
40	Perancangan Cold Storage untuk Produk Kedelai dengan Kapasitas 2410 Ton/hari. <i>JTT: Jurnal Teknologi Terpadu</i> , 2017, 5, 146.	0.1	0
41	ANALISA PERHITUNGAN BEBAN KALOR DAN PEMILIHAN KOMPRESOR DALAM PERANCANGAN AIR BLAST FREEZER UNTUK MEMBEKUKAN ADONAN ROTI. <i>Teknika: Engineering and Sains Journal</i> , 2017, 1, 141.	0.1	0
42	Design and Application of Electronic Tracking Control Systems (ETCS) to Improve Vehicle Safety. <i>Automotive Experiences</i> , 2019, 2, 67-72.	0.9	0
43	THE WOMAN LEADERSHIP AS REGIONAL HEAD. <i>Journal of Critical Reviews</i> , 2020, 7, .	0.1	0
44	THE POTENTIAL OF ESSENTIAL OIL AS BOTANICAL MOLLUSCICIDE FOR CONTROLLING GOLDEN APPLE SNAIL (POMACEA CANALICULATA, LAMARCK) IN INDONESIA. <i>Journal of Critical Reviews</i> , 2020, 7, .	0.1	0
45	Factors Related to the Granting of Colostrum in Newborn Baby with Caesarean Section in Hospital Government at Banten, Indonesia. <i>Food Science and Technology (United States)</i> , 2020, 8, 61-72.	0.3	0
46	HEAT ANALYSIS OF PALM OIL MESOCARP BRICK (FIBER ELAEIS GUINEENSIS JACQ) USING ADHESIVES FROM TAPIOCA, SAGU, ARPUS. <i>Journal of Critical Reviews</i> , 2020, 7, .	0.1	0
47	DEVELOPMENT OF POP-UP BOOK LEARNING MEDIA IN CIRCLE MATERIALS FOR GRADE VIII STUDENTS IN INDONESIA. <i>Journal of Critical Reviews</i> , 2020, 7, .	0.1	0
48	DESIGN AND SIMULATION ANALYSIS ON AIRLESS TIRES TO OFF-ROAD VEHICLES. <i>Journal of Critical Reviews</i> , 2020, 7, .	0.1	0
49	RELATIONSHIP BETWEEN TEACHER'S ACADEMIC QUALIFICATIONS AND TEACHING METHODS IN EARLY CHILDHOOD EDUCATION Diah Andika Sari, Kemti Wahyuni Mulyandari, Anwar Ilmar Ramadhan. <i>Journal of Critical Reviews</i> , 2020, 7, .	0.1	0