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No	Dosen	Judul Paper	Jurnal dan Penerbit	doi
1.	Prof. Dr. Erman Taer, S.Si, M.Si	Solid coin-like design activated carbon nanospheres derived from shallot peel precursor for boosting supercapacitor performance Author: **E Taer**, A Apriwandi, DR Andani, R Taslim	Journal of Materials Research and Technology Elsevier Editora Ltda	https://doi.org/10.1016/j.jmrt.2021.09.025
2.	Prof. Dr. Erman Taer, S.Si, M.Si	Interconnected activated carbon nanofiber derived from mission grass for electrode materials of supercapacitor Author: R Taslim, MI Hamdy, M Siska, **E Taer**, DA Yusra, M Jelita, S Afriani, ...	Advances in Natural Sciences: Nanoscience and Nanotechnology IOP Publishing Ltd.	DOI 10.1088/2043-6262/ac2953
3.	Prof. Dr. Erman Taer, S.Si, M.Si	Matoa Fruit peel-based Activated Carbon and its Application as an Electrode Materials in Supercapacitor Devices Author: **E Taer**, Agustino, R Taslim	Journal of Physics: Conference Series IOP Publishing Ltd.	DOI 10.1088/1742-6596/2049/1/012035
4.	Prof. Dr. Erman Taer, S.Si, M.Si	Longan Leaves biomass-derived renewable activated carbon materials for electrochemical energy storage Author: **E Taer**, DKH Tampubolon, R Farma, RN Setiadi, R Taslim	Journal of Physics: Conference Series IOP Publishing Ltd.	DOI 10.1088/1742-6596/2049/1/012009
5.	Prof. Dr. Erman Taer, S.Si, M.Si	Porous Activated Carbon Binder-free Scleria sumatrensis Stem-Based for Supercapacitor Application Author:	Journal of Physics: Conference Series	DOI 10.1088/1742-6596/2049/1/012008

		E Taer, MAA Tsalis, N Yanti, R Taslim	IOP Publishing Ltd.	
6.	Prof. Dr. Erman Taer, S.Si, M.Si	High Potential of Averrhoa bilimbi Leaf Waste as Porous Activated Carbon Source for Sustainable Electrode Material Supercapacitor Author: **E Taer**, Nursyafni, Apriwandi and R Taslim	Journal of Physics: Conference Series IOP Publishing Ltd.	DOI 10.1088/1742-6596/2049/1/012051
7.	Prof. Dr. Erman Taer, S.Si, M.Si	Less Expensive and Eco-Friendly Preparation of Activated Carbon Derived from Coffee Leaf as an Supercapacitors Electrode Author: **E Taer**, ES Gultom, R Taslim, W Febriani	Journal of Physics: Conference Series IOP Publishing Ltd.	DOI 10.1088/1742-6596/2049/1/012019
8.	Prof. Dr. Erman Taer, S.Si, M.Si	Low-cost activated carbon bio-wasted-based for enhanced capacitive properties of symmetric supercapacitor Author: **E Taer**, TE Sugianti, AS Rini, U Malik, R Taslim	Journal of Physics: Conference Series IOP Publishing Ltd.	DOI 10.1088/1742-6596/2049/1/012007
9.	Prof. Dr. Erman Taer, S.Si, M.Si	Etlingera elatior leaf agricultural waste as activated carbon monolith for supercapacitor electrodes Author: **E Taer**, E Padang, N Yanti, R Taslim	Journal of Physics: Conference Series IOP Publishing Ltd.	DOI 10.1088/1742-6596/2049/1/012072
10.	Prof. Dr. Erman Taer, S.Si, M.Si	Porous carbon nanofiber monolith binder-free derived from stink bean pod peel as electrode material for symmetric supercapacitor application Author: **E Taer**, A Apriwandi, Z Purba, R Taslim	Journal of Ovonic Research National Institute of Research and Development for Optoelectronics	https://chalcogen.ro/487_TaerE.pdf
11.	Prof. Dr. Erman Taer, S.Si, M.Si	A facile approach of micro-mesopores structure binder-free coin/monolith solid design activated carbon for	Journal of Energy Storage Elsevier BV	https://doi.org/10.1016/j.est.2021.102823

		electrode supercapacitor Author: A Apriwandi, **E Taer**, R Farma, RN Setiadi, E Amiruddin		
12.	Prof. Dr. Erman Taer, S.Si, M.Si	Enhancing the performance of supercapacitor electrode from chemical activation of carbon nanofibers derived Areca catechu husk via one-stage integrated pyrolysis Author: **E Taer,** F Febriyanti, WS Mustika, R Taslim, A Agustino, A Apriwandi	Carbon Letters Springer	https://doi.org/10.1007/s42823-020-00191-5
13.	Prof. Dr. Erman Taer, S.Si, M.Si	The synthesis of carbon nanofiber derived from pineapple leaf fibers as a carbon electrode for supercapacitor application Author: **E Taer**, A Agustino, A Awitdrus, R Farma, R Taslim	Journal of Electrochemical Energy Conversion and Storage The American Society of Mechanical Engineers(ASME)	https://doi.org/10.1115/1.4048405
14.	Prof. Dr. Erman Taer, S.Si, M.Si	Nanofiber-enrich activated carbon coin derived from tofu dregs as electrode materials for supercapacitor Author: **E Taer**, F Hasanah, R Taslim	Communications in Science and Technology Komunitas Ilmuwan dan Profesional Muslim Indonesia	https://doi.org/10.21924/cst.6.1.2021.407
15.	Prof. Dr. Erman Taer, S.Si, M.Si	Biomass-based activated carbon monolith from Tectona grandis leaf as supercapacitor electrode materials Author: **E Taer**, M Melisa, A Agustino, R Taslim, W Sinta Mustika, A Apriwandi	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects Taylor and Francis Ltd.	https://doi.org/10.1080/15567036.2021.1950871
15.	Prof. Dr. Erman Taer, S.Si, M.Si	Effect of Aqueous Electrolyte to the Supercapacitor Electrode Performance Made	Journal of Physics: Conference	DOI 10.1088/1742-6596/1951/1/01

		from Sugar Palm Fronds Waste Author: DA Suwandi, **E Taer**, R Farma, RF Syahputra	Series IOP Publishing Ltd.	2009
16.	Prof. Dr. Erman Taer, S.Si, M.Si	Investigation of H2SO4 and KOH aqueous electrolytes on the electrochemical performance of activated carbon derived from areca catechu husk Author: **E Taer,** F Febriyanti, R Taslim, WS Mustika	Journal of Physics: Conference Series IOP Publishing Ltd.	DOI 10.1088/1742-6596/1940/1/012033
17.	Prof. Dr. Erman Taer, S.Si, M.Si	Study of the influence of different activator agents on the dimensions, mass, volume, and density of activated carbon monoliths for large-scale practical applications Author: **E Taer**, MR Dewi, R Taslim, WS Mustika	Journal of Physics: Conference Series IOP Publishing Ltd.	DOI 10.1088/1742-6596/1940/1/012032
18.	Prof. Dr. Erman Taer, S.Si, M.Si	Effective cost and high-performance supercapacitor electrodes from Syzygium oleana leave biomass wastes Author: **E Taer,** RE Ridholana, R Taslim	Journal of Physics: Conference Series IOP Publishing Ltd.	DOI 10.1088/1742-6596/1811/1/012134
19.	Prof. Dr. Erman Taer, S.Si, M.Si	Renewable and environmentally friendly of “red shoots” leaves biomass-based carbon electrode materials for supercapacitor energy storage Author: **E Taer**, A Susanti, R Taslim	Journal of Physics: Conference Series IOP Publishing Ltd.	DOI 10.1088/1742-6596/1811/1/012135
20.	Prof. Dr. Erman Taer, S.Si, M.Si	A rod-like mesoporous carbon derived from agro-industrial cassava petiole waste for supercapacitor application Author: **E Taer**, A Apriwandi, BKL	Journal of Chemical Technology & Biotechnology John Wiley and Sons Ltd	https://doi.org/10.1002/jctb.6579

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21.	Prof. Dr. Erman Taer, S.Si, M.Si	Surface Modification: Unique Ellipsoidal/Strobili-Fiber Structure of Porous Carbon Monolith for Electrode Supercapacitor Author: **E Taer**, R Taslim, WS Mustika, E Fadli	Nanoscience and Technology: An International Journal Begell house	DOI: 10.1615/NanoSciTechnolIntJ.2021037794
22.	Prof. Dr. Erman Taer, S.Si, M.Si	The Self-Adhesive Carbon Powder Based on Coconut Coir Fiber as Supercapacitor Application Author: **E Taer**, N Nikmatun, R Taslim, E Hidayat	Journal of Metastable and Nanocrystalline Materials Trans Tech Publications	DOI:10.4028/www.scientific.net/JMNM.33.1
23.	Prof. Dr. Erman Taer, S.Si, M.Si	A green and low-cost of mesoporous electrode based activated carbon monolith derived from fallen teak leaves for high electrochemical performance Author: **E Taer**, AM Miftah, SM Widya, R Taslim	Journal of Applied Engineering Science Institut za istrazivanja i projektovanja u privredi	https://doi.org/10.5937/jaes0-27589
24.	Prof. Dr. Erman Taer, S.Si, M.Si	The synthesis of activated carbon made from banana stem fibers as the supercapacitor electrodes Author: **E Taer**, DA Yusra, A Amri, R Taslim, A Putri	Materials Today: Proceedings Elsevier Ltd.	https://doi.org/10.1016/j.matpr.2020.11.645
25.	Prof. Dr. Erman Taer, S.Si, M.Si	The effect of physical activation temperature on physical and electrochemical properties of carbon electrode made from Jengkol Shell (Pithecellobium Jiringa) for supercapacitor application Author: **E Taer**, R Taslim	Materials Today: Proceedings Elsevier Ltd.	https://doi.org/10.1016/j.matpr.2020.11.644
26.	Prof. Dr. Erman Taer, S.Si, M.Si	The effect of potassium iodide (KI) addition to aqueous-based electrolyte	Materials Today: Proceedings	https://doi.org/10.1016/j.matpr.2020.11.447

		(sulfuric acid/H2SO4) for increase the performance of supercapacitor cells Auhor: **E Taer**, A Putri, R Farma, R Taslim, DA Yusra	Elsevier Ltd.	
27.	Dr. Awitdrus, M.Si	KOH activation with microwave irradiation and its effect on the physical properties of orange peel activated carbon Author: **Awitdrus,** Siregar, G.M.G., Agustino, ...Syahputra, Farma, R.	Journal of Physics: Conference Series IOP Publishing Ltd.	DOI 10.1088/1742-6596/2049/1/012025
28.	Dr. Awitdrus, M.Si	Activated Carbon Based on Pineapple Crown for Heavy Metal Adsorption Author: **A Awitdrus**, MSD Putri, RF Syahputra, I Iwantono, S Saktioto	Advanced Materials Research Trans Tech Publications	https://doi.org/10.4028/www.scientific.net/AMR.1162.57
29.	Dr. Ing. Lazuardi, M.Si	Simple amperometric biosensor for sucrose concentration measurement based on principal component analysis Author: Rosandi, V.A., Linda, T.M., Agustirandi, B., **Umar, L.**	Journal of Physics: Conference Series IOP Publishing Ltd.	**DOI** 10.1088/1742-6596/2049/1/012048
30.	Dr. Ing. Lazuardi, M.Si	Measurement of Oxygen Consumption of Saccharomyces cerevisiae Using Biochip-C under Influenced of Sodium Chloride and Glucose Author: Linda, T.M., Amalina, N.N., **Umar, L**.	AIP Conference Proceedings. American Institute of Physics	https://doi.org/10.1063/5.0037822
31.	Dr. Ing. Lazuardi, M.Si	Noise Characterization of MOSFET Current Mirror Circuit on High Impedance Application Using DAQ Card PCI-6221 Author: Wati, A., Setiadi, R.N., **Umar, L.**	AIP Conference Proceedings. American Institute of Physics	https://doi.org/10.1063/5.0037802

32.	Dr. Ing. Lazuardi, M.Si	Optimisation of LVDT signal using phase synchronisation adjustment Author: Denaldy, B.R., Hamzah, Y., Setiadi, R.N., **Umar, L.**	AIP Conference Proceedings. American Institute of Physics	https://doi.org/10.1063/5.0037821
33.	Dr. Ing. Lazuardi, M.Si	Sensitivity and photoperiodism response of algae-based biosensor using red and blue LED spectrums Author: **L Umar**, F Aswandi, TM Linda, A Wati, RN Setiadi	AIP Conference Proceedings. American Institute of Physics	https://doi.org/10.1063/5.0037762
34.	Dr. Ing. Lazuardi, M.Si	Design of simple rotational viscometers for physics learning media based on microcontroller and phototransistor sensor Author: Y Sari, Y Hamzah, **L Umar**	AIP Conference Proceedings. American Institute of Physics	https://doi.org/10.1063/5.0037807
35.	Prof. Dr. Saktioto. M.Phil	Implementation of inter-organizational network in controlling forest and land fires in Rokan Hilir Regency, Riau Province Author: Yuliani, F., **Saktioto,** Sadad, A.	IOP Conference Series: Earth and Environmental Science IOP Publishing Ltd.	DOI 10.1088/1755-1315/905/1/012007
36.	Prof. Dr. Saktioto. M.Phil	Application of fiber bragg grating sensor system for simulation detection of the heart rate Author: **Saktioto**, T., Fadilla, F.D., Soerbakti, Y., Irawan, D., Okfalisa	Journal of Physics: Conference Series IOP Publishing Ltd.	DOI 10.1088/1742-6596/2049/1/012002
37.	Prof. Dr. Saktioto. M.Phil	Fusion and Elongation Method Integrated with Vacuum System to Fabricate Single-Mode Fiber Couplers Author: Dedi Irawan, Azhar, Sutoyo, Mustakim and **Saktioto**	Journal of Physics: Conference Series IOP Publishing Ltd.	doi:10.1088/1742-6596/2049/1/012028
38.	Prof. Dr. Saktioto. M.Phil	Integration of chirping and apodization of Topas materials for improving the performance of fiber Bragg	Journal of Physics: Conference Series	DOI 10.1088/1742-6596/2049/1/012001

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39.	Prof. Dr. Saktioto. M.Phil	Application of Fiber Bragg Grating Sensor System for Simulation Detection of the Heart Rate Author: **T Saktioto**, FD Fadilla, Y Soerbakti, D Irawan	Journal of Physics: Conference Series IOP Publishing Ltd.	DOI 10.1088/1742-6596/2049/1/012002
40.	Prof. Dr. Saktioto. M.Phil	Measuring the banking performance based on corporate social responsibility achievement: Decision support system adoption Author: Okfalisa Okfalisa, R Habib, R Hidayati, M Mahyarni, W Alex, N Gusman, **S Saktioto**	AIP Conference Proceedings. American Institute of Physics	https://doi.org/10.1063/5.0055768
41.	Prof. Dr. Saktioto. M.Phil	Design and operation of optical fiber for mass measuring instrument with bending power loss principle Authors: **S Saktioto**, W Candra, V Asyana, RF Syahputra, S Syamsudhuha,	Indonesian Journal of Electrical Engineering and Informatics (IJEEI) Institute of Advanced Engineering and Science (IAES)	DOI: 10.52549/ijeei.v9i2.2419
42.	Prof. Dr. Saktioto. M.Phil	Optimizing Placement of Field Experience Program: An Integration of MOORA and Rule-Based Decision Making. Authors: O Okfalisa, R Hafsari, G Nawanir, **S Toto**, N Yanti	Pertanika Journal of Science & Technology Universiti Putra Malaysia	https://doi.org/10.47836/pjst.29.2.11
43.	Prof. Dr. Saktioto. M.Phil	Measuring the effects of different factors influencing on the readiness of SMEs towards digitalization: A multiple perspectives design of decision support system Authors:	Decision Science Letters Growing Science	DOI:10.5267/j.dsl.2021.1.002

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44.	Dr. Ari Sulistyo Rini, M.Sc	Microwave-assisted biosynthesis and characterization of ZnO film for photocatalytic application in methylene blue degradation Authors: **AS Rini**, A Nabilla, Y Rati	Communications in Science and Technology Komunitas Ilmuwan dan Profesional Muslim Indonesia	https://doi.org/10.21924/cst.6.2.2021.484
45.	Dr. Ari Sulistyo Rini, M.Sc	Effect of pH on the Morphology and Microstructure of ZnO synthesized using Ananas comosus Peel Extract Authors: **AS Rini**, SD Rahayu, Y Hamzah, TM Linda, Y Rati	Journal of Physics: Conference Series IOP Publishing Ltd.	**DOI** 10.1088/1742-6596/2019/1/012100
46.	Dr. Ari Sulistyo Rini, M.Sc	Of ZnO nanoparticle using sandoricum koetjape peel extract as bio-stabilizer under microwave irradiation Authors: **AS Rini**, Y Rati, SW Maisita	Journal of Physics: Conference Series IOP Publishing Ltd.	DOI 10.1088/1742-6596/2049/1/012069
47.	Dr. Ari Sulistyo Rini, M.Sc	Structural and morphological studies of silver nanoparticles prepared using Citrullus lanatus rind extract Authors: **AS Rini**, H Adzani, TSL Husain, MP Deraf, Y Rati, Y Hamzah	AIP Conference Proceedings. American Institute of Physics	https://doi.org/10.1063/5.0037960
48.	Dr. Ari Sulistyo Rini, M.Sc	Optical and structural studies on bio-synthesized ZnO using Citrullus lanatus peel extract Authors: R Fadillah, Y Rati, R Dewi, R Farma, AS Rini	Journal of Physics: Conference Series IOP Publishing Ltd.	DOI 10.1088/1742-6596/1816/1/012019
49.	Prof. Dr. Rakhmawati Farma, M.Si	Green Synthesis of Supercapacitor Electrodes Activated Carbon from *Veitchia Merilli* Seed Waste by A Two-Stages Pyrolysis in Integration	Journal Of Physics: Conference Series	
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	Rakhmawati Farma, M.Si	Activated Carbon Nanofibers derived From Bamboo Waste Materials for Application in Supercapacitor	*Materials Science: Materials In Electronics* Springer	
51.	Prof. Dr. Rakhmawati Farma, M.Si	Biomass Waste-Derived Rubber Seed Shell Functionalized Porous Carbon as an Inexpensive and Sustainable Energy Material for Supercapacitors	*Journal Of Electronic Materials* Springer	
52.	Prof. Dr. Rakhmawati Farma, M.Si	The Production Of Carbon Electrodes from Lignocellulosic Biomass of Areca Midrib Through A Chemical Activation Process for Supercapacitor Cells Application	Energy Sources, Part A: Recovery, Utilization, And Environmental Effects	Https://Doi.Org/10.1080/15567036.2021.2000068
53.	Prof. Dr. Rakhmawati Farma, M.Si	Supercapacitor Cell Electrodes Derived from *Nipah Fruticans* Fruit Coir Biomass for Energy Storage Applications using Acidic and Basic Electrolytes	Journal Of Physics: Conference Series	10.1088/1742-6596/2049/1/012043
54.	Prof. Dr. Rakhmawati Farma, M.Si	Activated Carbons (Ac) Prepared By Direct Co_2 Activation Of *Parsea Americana* Seeds Biomass For Supercapacitor Electrodes	Journal Of Physics: Conference Series	10.1088/1742-6596/2049/1/012067
55.	Prof. Dr. Rakhmawati Farma, M.Si	Fabrication Of Carbon Electrodes From Sago Midrib Biomass With Chemical Variation For Supercapacitor Cell Application	Journal Of Physics: Conference Series	10.1088/1742-6596/2049/1/012054
56.	Prof. Dr. Rakhmawati Farma, M.Si	Removal Of Cu, Fe, And Zn From Peat Water By Using Activated Carbon Derived From Oil Palm Leaves	Advanced Materials Research	Https://Doi.Org/10.4028/Www.Scientific.Net/Amr.1162.65
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63.	Drs. Salomo, M.Si	Analisa Sifat Magnetik Dan Ukuran Partikel Pasir Alam Sungai Rokan Disintesis Dengan Ball Milling	*Repository.Unri. Ac.Id*	Https://Repository.Unri.Ac.Id/Handle/123456789/10236
64.	Drs. Salomo, M.Si	Analysis Of The Size And Composition Of Natural Sand Particles In The Rokan River Riau Province As A Function Of Ball Milling Time	*Jurnal.Unsyiah. Ac.Id*	Https://Doi.Org/10.24815/Jacps.V10i3.18658
65.	Drs. Salomo, M.Si	Analisa Perubahan Suseptibilitas Magnetik Dan Komposisi Partikel Pasir Alam Sungai Rokan Sebagai Fungsi Kecepatan Putar Tabung Ball Milling	*Komunikasi Fisika Indonesia*	Https://Repository.Unri.Ac.Id/Handle/123456789/10236
66.	Drs. Salomo, M.Si	Pemetaan Suseptibilitas Magnetik Dan Penentuan Kandungan Logam Pada Air Gambut Di Kelurahan Tuah Madani Kecamatan Tampan Pekanbaru	*Komunikasi Fisika Indonesia*	
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