



seismicity and influence



Tulis

**Kotak Masuk** 1,615

Berbintang

Ditunda

Penting

Terkirim

**Draf** 48

Kategori

**Sosial** 471

**Update** 1,536

**Forum** 1

**Promosi** 380

Selengkapnya

Label

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Full conference title:		The 3rd International Conference on Science and Technology Applications, Universitas Negeri Medan, 2021			
PDF file names		Submitting author	First author surname	Topic heading	Article title
1	001_ICoSTA.pdf	Rejected by p	Arionmaro Simaremare Simaremare	Power and Energy Engineering	Induction cooker power consumption and consumer perceptions study to promote induction cooking adoption in Indonesia
2	002_ICoSTA.pdf	accepted	Indra Ardhanayudha Aditya Aditya	Power and Energy Engineering	Techno-economic assessment of a hybrid solar PV/syngas/battery power system for off-grid application: Long Pahangai-Indonesia case study
3	003_ICoSTA.pdf	accepted	Ruly Sitanggang Sitanggang	Power and Energy Engineering	Fuel spray and flame characteristic of biodiesel blend for CFB coal-fired steam power plant start-up process
4	004_ICoSTA.pdf	accepted	Tukiran Surbakti Surbakti	Fundamental and Applied Sciences	The effect of adding impurities to the high density fuel matrix on the reactivity of the RSG-GAS core
5	005_ICoSTA.pdf	accepted	Iman Kuntoro Kuntoro	Fundamental and Applied Sciences	Analysis of control rod effect on the safety operation parameter of the RSG-GAS Core
6	006_ICoSTA.pdf	accepted	Sudarmono Sudarmono Sudarmono	Electrical and Electronics Engineering	Heat balance analysis of RSG-GAS coolant system due to cooling tower refurbishment
7	007_ICoSTA.pdf	accepted	Isnain El Sady Sady	Fundamental and Applied Sciences	Flame characteristics analysis of a methane gas' premixed combustion on a ring attached-bunsen burner using ansys fluent
8	008_ICoSTA.pdf	accepted	Juniastel Rajagukguk Rajagukguk	Material Science and Engineering	Structure and emission properties of Nd <sup>3+</sup> doped oxyfluorophosphate glasses
9	009_ICoSTA.pdf	accepted	Endiah Puji Hastuti Hastuti	Material Science and Engineering	Aging management experience to support reliability of RSG-GAS operation and future NPP in Indonesia
10	010_ICoSTA.pdf	Rejected by p	Amiruddin Hasan Hasan	Computer Applications and Informatics	E-commerce in Indonesia before and during the COVID-19 pandemic: A provincial-level analysis

11	011_ICoSTA.pdf	accepted	Resti Ayu Ningrum	Ningrum	Material Science and Engineering	Synthesis and material characterization of calcium carbonate (CaCO <sub>3</sub> ) from the waste of chicken eggshells
12	012_ICoSTA.pdf	accepted	Herlan Setiawan	Setiawan	Nano Material	Synthesis and characterization of gadolinium nanoparticles using polyol method as a candidate for MRI Contrast Agent
13	013_ICoSTA.pdf	Rejected by p	Enny Keristiana Sinaga	SINAGA	Educational Technology	Testing the feasibility of the textbook of statistics based on constructivist in increasing the ability of student's inductive reasoning from education of building
14	014_ICoSTA.pdf	Rejected by p	Alvin	Sari	Applied Physics	Risk analysis of structural failure in breasting dolphin due to berthing load variations
15	015_ICoSTA.pdf	Rejected by p	Aliyah Fahmi	Fahmi	Biotechnology	Recent news about EGCG in green tea (applications and implications)
16	016_ICoSTA.pdf	accepted	Muhammad Yani Piliyan	Piliyang	Material Science and Engineering	Design and manufacturing processes of half face motorcycle palm fiber reinforced composite polymer
17	017_ICoSTA.pdf	Rejected by p	Indrayani Indrayani	Indrayani	Fundamental and Applied Sciences	Aircraft traffic noise analysis at <i>kualanamu</i> international airport - medan
18	018_ICoSTA.pdf	accepted	Yeni Kustiyahningsih	Kustiyahningsih	Computer Applications and Informat	Salt Farmer measurement performance system facing Covid-19 pandemic used interval type-2 FAHP Method
19	019_ICoSTA.pdf	accepted	Yeni Kustiyahningsih	Kustiyahningsih	Computer Applications and Informat	Hybrid FAHP and TOPSIS to determine recommendation for improving SMEs facing Covid-19 pandemic
20	020_ICoSTA.pdf	Rejected by p	Kasmad Ariansyah	Wahab	Information Technology	The role of demographics, digital skills, mobile internet access, and harmful content exposure on e-government adoption in Indonesia
21	021_ICoSTA.pdf	accepted	Azhari	Azhari	Applied Physics	Design of room capacity measurement and body temperature detection based on atmega328 microcontroller

22	022_ICoSTA.pdf	accepted	edo barlian	Barlian	Enviromental Science	Identification of earthquake-prone areas as a regional planning study for deli serdang regency
23	023_ICoSTA.pdf	Rejected by p	Arfis Amiruddin	Arfis	Material Science and Engineering	Table tennis racket: natural composite and processes of manufacturing
24	024_ICoSTA.pdf	accepted	Arnold Riccahd G	Riccahd	Material Science and Engineering	Effect of N2 carbonization temperature on porous activated carbon derived from jicama (Pachyrhizus erosus L.) peel as electrode material for supercapacitor
25	025_ICoSTA.pdf	accepted	Sri Asfiati	Asfiati	Material Science and Engineering	Analysis of mixed stiffness modulus of different asphalt levels for AC-BC pavement layer with pertamina 60/70 asphalt and 60/70 esso asphalt material
26	026_ICoSTA.pdf	Rejected by p	Dini Nur Fadhillah	Japar	Educational Technology	The Development of Educational Technology through Website as a Civic Education Learning Resource
27	027_ICoSTA.pdf	accepted	Azhari	Azhari	Applied Physics	Design and control system of temperature and water level in hydroponic plants
28	028_ICoSTA.pdf	Rejected by p	Bambang Hadibroto	Barlian	Enviromental Science	Study of disaster risk mitigation and reduction in earthquake-prone areas in the district of deli serdang
29	029_ICoSTA.pdf	accepted	Dinda Pertiwi	Pertiwi	Material Science and Engineering	High potential of yellow potato (Solanum Tuberosum L.) peel waste as porous carbon source for supercapacitor electrodes
30	030_ICoSTA.pdf	accepted	Chaidir Pratama	Pratama	Power and Energy Engineering	Scaled-up production of 131I radioisotope using dry distilation method for radiopharmaceutical application
31	031_ICoSTA.pdf	Rejected by p	Murniaty Simorangkir	Simorangkir	Biomedical Engineering	Antidiabetic activity of leaf extract of sarang banua (Clerodenum fragrans Vent Willd) in male white rats (Rattus novergicus) induced by alloxan in vivo
32	032_ICoSTA.pdf	Rejected by p	Sri Frapanti	Frapanti	Material Science and Engineering	Analysis of traditional red brick quality standard in deli serdang with indicator SNI 15-2094-2000

33	033_ICoSTA.pdf	Rejected by p	Apriwandi Apriwandi	Apriwandi	Material Science and Engineering	Low cost activated carbon derived from Napier grass fibers as a promising electrode material for supercapacitor applications
34	034_ICoSTA.pdf	accepted	Riadini Wanty Lubis	Lubis	Material Science and Engineering	Development of cigarette butt fibre filter reinforced by opefb fiber composite material for trash can
35	035_ICoSTA.pdf	accepted	Ikhsan Bagatondi Nasution	Nasution	Applied Physics	Development of an ADVICE training model for radiotherapy medical physicists in North Sumatera-Indonesia
36	036_ICoSTA.pdf	Rejected by p	Fuzy Yustika Manik	Manik	Computer Applications and Informatics	Identification of disease leaf jabon based on morphology characteristics using support vector machine
37	037_ICoSTA.pdf	accepted	Mohammad Hisyam Alwardoyo	Wardoyo	Fundamental and Applied Sciences	The impact of additive usage on motorcycle CO and CO2 emission
38	038_ICoSTA.pdf	accepted	Rimbawati Rimbawati	Hutasuhut	Electrical and Electronics Engineering	Analysis of hybrid power plant scheduling system diesel/photovoltaic/microhydro in remote area
39	039_ICoSTA.pdf	accepted	Fitri Harwina Suci Ginting	Ginting	Electrical and Electronics Engineering	Stainless steel foam as wick material in heat pipe for electronics cooling application
40	040_ICoSTA.pdf	accepted	Riser Fahdiran	Fahdiran	Material Science and Engineering	Structure evolution due to heat treatment of aluminum nanoparticle with different sizes: a molecular dynamics study
41	041_ICoSTA.pdf	accepted	Riser Fahdiran	Fahdiran	Material Science and Engineering	Influence of heating and cooling rates on thermodynamic properties of aluminum thin film from 300 to 1100 K
42	042_ICoSTA.pdf	accepted	Anggara Budi Susila	Susila	Material Science and Engineering	Influence of thickness on heat treatment from 300 to 1100 K of aluminum thin film
43	043_ICoSTA.pdf	Rejected by p	Tita Juwitaningsih	Juwitaningsih	Biomedical Engineering	Invitro antimicrobial and anticancer activity of <i>Caesalpinia sappan</i> L.
44	044_ICoSTA.pdf	accepted	Riser Fahdiran	Susila	Material Science and Engineering	Thermodynamic and structure properties of aluminum nanoparticle due to heat treatment: a molecular dynamics study

45	045_ICoSTA.pdf	accepted	surya hardi	Hardi	Electrical and Electronics Engineering	Simulation of induction motor behavior under voltage sags using alternative transient program
46	046_ICoSTA.pdf	Rejected by p	Esi Emilia	Nusri	Fundamental and Applied Sciences	Mapping of physical exercise materials and diet management for soccer athletes
47	047_ICoSTA.pdf	accepted	Ahmad Hasan Asari	As'ari	Applied Physics	Comparative study of mineral element content in fishes from the south and north seas of java island using neutron activation analysis
48	048_ICoSTA.pdf	accepted	surya hardi	Hardi	Chemical Engineering	Mitigation of soil resistivity using composition of zeolite, NaCl, and charcoal
49	049_ICoSTA.pdf	accepted	Azwar Nasution	Nasution	Electrical and Electronics Engineering	Design grounding grid resistance of substation for two soil layer model
50	050_ICoSTA.pdf	accepted	Adhere Sitompul	Sitompul	Electrical and Electronics Engineering	Impact of small hydro generation on voltage profile and losses in 20 kV distribution network
51	051_ICoSTA.pdf	accepted	Trisita Novianti	Novianti	Database System, Data Mining and A	Forecasting of salt demand using ARIMA model to prevent the bullwhip effect in salt supply chain
52	052_ICoSTA.pdf	accepted	Mulia Mulia	Mulia	Material Science and Engineering	Performance analysis and microstructure of brake shoe composite material made of pecan, aluminum, and pineapple leaf fiber
53	053_ICoSTA.pdf	Rejected by p	Sheila Hani	Tarigan	Material Science and Engineering	Structural analysis of maimun palace against earthquake
54	054_ICoSTA.pdf	Rejected by p	Damisah Damisah	Gumelar	Material Science and Engineering	A Review on titanium and titanium alloys for biomedical materials: the properties and clinical trial results on orthopaedic implant
55	055_ICoSTA.pdf	accepted	Eli Rohaeti	Rohaeti	Nano Material	Antibacterial textiles which impregnated silver nanoparticles prepared via green synthesis by Fusarium oxysporum BNT-02
56	056_ICoSTA.pdf	accepted	Sielvya Chow	Chow	Material Science and Engineering	Monolith solid porous carbon approach derived from Garcinia Xanthochymus for high-performance electrode material of supercapacitor

57	057_ICoSTA.pdf	accepted	Makmur Sirait	Sirait	Material Science and Engineering	Characterization of hydroxyapatite by cytotoxicity test and bending test
58	058_ICoSTA.pdf	accepted	Rohana	Rohana	Electrical and Electronics Engineering	Mitigation of voltage sags in distribution line system using static VAR compensator and static synchronous compensator
59	059_ICoSTA.pdf	accepted	Windasari Windasari	Taer	Material Science and Engineering	Conversion of Salam leaves ( <i>Syzygium polyanthum</i> (Wight) Walp.) bio-kitchen waste as functional activated carbon for sustainable supercapacitor electrodes
60	060_ICoSTA.pdf	Rejected by p	Sutisna Sutisna	Sutisna	Fundamental and Applied Sciences	Profile of Trace Essential Element of Iodine in Selected Local Foodstuffs
61	061_ICoSTA.pdf	Rejected by p	Dyah Wahyu Apriani	Apriani	Material Science and Engineering	An empirical-statistical model for landslide runout distance prediction in Indonesia
62	062_ICoSTA.pdf	Rejected by p	Fajar Apollo Sinaga	Sinaga	Biotechnology	The effect of acute jamu kunyit asam after strenuous physical exercise on creatine kinase levels
63	063_ICoSTA.pdf	accepted	Tulis Jojok Suryono	Suryono	Applied Physics	Developing a measurement tool for assessing situation awareness of operator in the MCR of SMR
64	064_ICoSTA.pdf	Rejected by p	Asep Wahyu Nugraha	Nugraha	Material Science and Engineering	The Ab Initio study of the structure of the $[\text{Fe}_2(\text{Htrz})_6(\text{trz})_3]\text{BF}_4$ and the $[\text{Fe}_4(\text{Htrz})_{10}(\text{trz})_5](\text{BF}_4)_3$ complexes at the low spin and the high spin states
65	065_ICoSTA.pdf	accepted	Johannes V. D. Wirjawan	Wirjawan	Fundamental and Applied Sciences	Rolling uphill experiment – a close look and explanation
66	066_ICoSTA.pdf	accepted	Rina Kamila	Kamila	Material Science and Engineering	Synthesis of silica particles through conventional sol-gel and sonochemistry methods and the effect of catalyst, water concentration and sample environment to the particle size
67	067_ICoSTA.pdf	Rejected by p	Faisal Reza Pradhana	Pradhana	Computer Applications and Informatics	Bilingual application as a medium for improving students language skills in the field of scouting in the pandemic era

68	068_ICoSTA.pdf	accepted	Bisrul Hapis Tambunan	Tambunan	Electrical and Electronics Engineering	The use of thermo electric generator to utilize the waste heat from the biomass stove into electricity
69	069_ICoSTA.pdf	Rejected by p	Heni Sumarti	Sumarti	Computer Applications and Informat	Development a non-invasive cholesterol and blood sugar level monitoring tool based of internet of things (IoT) for remote monitoring in the COVID-19 pandemic era
70	070_ICoSTA.pdf	accepted	Bernardus Bandriyana	Bandriyana	Material Science and Engineering	Effects of heat treatment on the microstructure of the ODS (oxide dispersion strengthened) steel Fe-9Cr-0.5Y2O3
71	071_ICoSTA.pdf	accepted	Abdul Rais	Rais	Material Science and Engineering	The effect of ZnO – TiO2 synthesis analysis using sol-gel method on calcination temperature of thin film as an alternative energy materials
72	072_ICoSTA.pdf	accepted	Nanda Shabrina	Shabrina	Material Science and Engineering	Synthesis of ferritic ODS steel with different electric current in arc plasma sintering method
73	073_ICoSTA.pdf	Rejected by p	Mona Fiametta Febriant	Febrianty	Applied Physics	A tool to measure the psychological aspects of athletes in training phase: Validity and reliability
74	074_ICoSTA.pdf	accepted	Sri Herawati	Herawati	Computer Applications and Informat	Complete ensemble empirical mode decomposition with adaptive noise integrating feedforward neural network for tourist arrival forecasting
75	075_ICoSTA.pdf	accepted	Joga Dharma Setiawan	Setiawan	Electrical and Electronics Engineering	Evaluation and development of wireless monitoring systems for an autonomous sailboat
76	076_ICoSTA.pdf	Rejected by p	Theresia Rina Mulyaning	Mulyaningsih	Biotechnology	Comparison of nutrient content in fresh fish compared to processed fish
77	077_ICoSTA.pdf	accepted	Widyaningrum Indrasari	Indrasari	Applied Physics	Microplastic waste polluted water measurement development based on parameter of physics
78	078_ICoSTA.pdf	accepted	Widyaningrum Indrasari	Indrasari	Applied Physics	Prototype of water level monitoring system using magnetic sensor and ultrasonic based on Arduino Mega 2560



79	079_ICoSTA.pdf	Rejected by p	Niel Ananto	Ananto	Database System, Data Mining and A	Bagging based ensemble analysis in handling unbalanced data on classification modeling
80	080_ICoSTA.pdf	accepted	Elfin Kurniawan	Kurniawan	Power and Energy Engineering	Evaluation of trashrack replacement design for malalo intake of singkarak hydro power plant in west sumatera
81	081_ICoSTA.pdf	accepted	Patia Welly Sirait	Sirait	Mechanical Engineering	Investigation Cogging Torque of PMM with rotor and Stator optimization for renewable energy application
82	082_ICoSTA.pdf	accepted	Khalil	Khalil	Information Technology	Impact of the HFC migration to FTTH on the efficiency and reliability of the internet provider services business (A case Study)
83	083_ICoSTA.pdf	accepted	Juniastel Rajagukguk	Rajagukguk	Material Science and Engineering	Synthesis and structural characteristic of Nd <sup>3+</sup> /Er <sup>3+</sup> co-doped Lithium Fluorophosphate (LFP) glasses
84	084_ICoSTA.pdf	accepted	Ilham Maulana	Maulana	Nano Material	Biosynthesis of copper nanoparticles using methanol extract of sugar-apple leaves (Anonnaceae squamosa), and its antioxidant activity
85	085_ICoSTA.pdf	accepted	Nurfajriani Nurfajriani	Nurfajriani	Material Science and Engineering	Mechanical properties of polyethylene matrix composites with areca fruit peel powder filler (Areca catechu) and sugar cane fiber (Saccharum officinarum L)
86	086_ICoSTA.pdf	Rejected by p	Imam Faisal Pane	Pane	Fundamental and Applied Sciences	Architectural traces of niuweu bowen in medan
87	087_ICoSTA.pdf	Rejected by p	fera kurniadewi	Rahmawati	Biomedical Engineering	Antioxidant properties of flavonoids from ethyl acetate fraction of Artocarpus champeden stem
88	088_ICoSTA.pdf	Rejected by p	fera kurniadewi	Ramadhanti	Biological Engineering	Two flavone derivatives from the ethyl acetate extract of the wood of nangkadak (Moraceae) and their antioxidant activities
89	089_ICoSTA.pdf	Rejected by p	Marsal Risfandi	Risfandi	Biological Engineering	Effect of regular exercise and antioxidant on superoxide dismutase (SOD)

90	090_ICoSTA.pdf	Rejected by p	Anggia Indriyani	Indriyani	Biotechnology	Postharvest management of fresh duku ( <i>Lansium domesticum</i> var. duku): a review
91	091_ICoSTA.pdf	accepted	Rahmi Karolina	Karolina	Material Science and Engineering	Effect of volcanic ash as partial replacement of ground-granulated blast-furnace slag based alkaline activated mortar
92	092_ICoSTA.pdf	accepted	M Latif	Latif	Electrical and Electronics Engineering	Motion control development for autonomous ground robots in agriculture task
93	093_ICoSTA.pdf	accepted	Rahmi Karolina	Karolina	Material Science and Engineering	Pineapple leaf fiber (PALF) waste as an alternative fiber in making concrete
94	094_ICoSTA.pdf	Rejected by p	Amri Dunan	Sularto	Information Technology	Web traffic analysis on online shopping sites in indonesia based on online traffic and insight information service tools
95	095_ICoSTA.pdf	accepted	Restu Maerani	Maerani	Mechanical Engineering	Requirement analysis for human factor engineering on SMR-NuScale design
96	096_ICoSTA.pdf	Rejected by p	Kasta Gurning	Gurning	Biotechnology	Determination of tannins content from ethanol extract of sirih merah ( <i>Piper crocatum</i> Ruiz & Pav.) leaves and antibacteria potential test
97	097_ICoSTA.pdf	Rejected by p	Risanti Febrine Ropita Si	Situmorang	Biotechnology	Determination of phenolic and flavonoid content from ethanol extract of nangka ( <i>Artocarpus heterophyllus</i> Lam.) leaves and potential antioxidant activity test
98	098_ICoSTA.pdf	Rejected by p	Rr M. I. Retno Susilorini	Susilorini	Enviromental Science	Our village is sinking: a challenge of gender mainstreaming in climate change disaster risk reduction
99	099_ICoSTA.pdf	accepted	Nurdin Siregar	Siregar	Material Science and Engineering	Synthesis and optical properties of Sb-doped ZnO thin film by sol-gel spin coating method
100	100_ICoSTA.pdf	Rejected by p	Zunidar Zunidar	Zunidar	Educational Technology	Development of learning material for contextual based learning planning subjects

101	101_ICoSTA.pdf	accepted	Destri Baiziah	Baiziah	North Sumatera, Indonesia	Development of PISA-based test on mechanical wave material in senior high school
102	102_ICoSTA.pdf	accepted	Nurdianita Fonna	Fonna	Science Education	Development of teaching materials like PISA for physics mechanical wave topic in high school
103	103_ICoSTA.pdf	accepted	Mawarni Saputri	Saputri	Science Education	Analysis of momentum and impulse on students' creative thinking skill through project based learning integrated STEM (science, technology, engineering, mathematics)
104	104_ICoSTA.pdf	Rejected by p	TIKA NURJANNAH	NURJANNAH	Science Education	The effect of STEM integrated project based learning model on 4c skills on temperature and heat material
105	105_ICoSTA.pdf	Rejected by p	Nidaul Khairiyah	Khairiyah	Educational Technology	Implementation of PjBL model applied science, technology, engineering and mathematics to 4C skills on fluid statics matter
106	106_ICoSTA.pdf	Rejected by p	Kemala Jeumpa	Jeumpa	Fundamental and Applied Sciences	Needs analysis of developing e-learning based on application of energy-efficient materials innovation
107	107_ICoSTA.pdf	Rejected by p	Dr. Gulmah Sugiharti M.	Sugiharti	Computer Applications and Informat	Development of weblog-based learning media to improve student learning
108	108_ICoSTA.pdf	Rejected by p	Laila azwani Panjaitan	Panjaitan	Science Education	Development of Lectora Inspire-based learning media for online learning in high senior school
109	109_ICoSTA.pdf	Rejected by p	Nining Tristantie	Rambe	Fundamental and Applied Sciences	Development of decorative learning module integrated local wisdom
110	110_ICoSTA.pdf	Rejected by p	Nera Mayana Br Tarigan	Tarigan	Computer Applications and Informat	Design and development of scholarship sustainability analysis application every semester on STMIK pelita nusantara students
111	111_ICoSTA.pdf	Rejected by p	Adilah Afikah	Afikah	Fundamental and Applied Sciences	Innovative learning in improving high order thinking skills and communication skills
112	112_ICoSTA.pdf	Rejected by p	Abdul Muin Sibuea	Sibuea	Science Education	An effectiveness online learning using e-learning during pandemic covid – 19: case study in higher education indonesia

113	113_ICoSTA.pdf	accepted	Indira Lukman	Lukman	Science Education	Interactive learning media innovation using lectora inspire solubility and solubility product materials
114	114_ICoSTA.pdf	accepted	Pardomuan Nauli Josip N	Sinambela	Computer Applications and Informat	The development of android-based mathematics learning application
115	115_ICoSTA.pdf	accepted	Jane Koswojo	Koswojo	Applied Physics	Development of science experiment media kits for elementary school students
116	116_ICoSTA.pdf	Rejected by p	Rr M. I. Retno Susilorini	Susilorini	Enviromental Science	Sustainable village tourism after covid-19 pandemic
117	117_ICoSTA.pdf	accepted	Kana Saputra S	Saputra S	Computer Applications and Informati	Pneumonia Identification Based on Lung Texture Analysis Using Modified K-Nearest Neighbour
118	118_ICoSTA.pdf	accepted	Bakti Dwi Waluyo	Waluyo	Electrical and Electronics Engineering	Testing and development of plastic optical fiber as humidity and temperature sensor
119	119_ICoSTA.pdf	accepted	Harvei Desmon Hutahae	Hutahae	Computer Applications and Informati	Development of interactive learning media in computer network using augmented reality technology
120	120_ICoSTA.pdf	Rejected by p	Susilawati Amdayani	Amdayani	Educational Technology	Validity and practicality of stem-based chemistry module on thermochemistry materials
121	121_ICoSTA.pdf	accepted	Suprpto	Putra	Biomaterials	Biomass pyrolysis briquette molding machine design and analysis
122	122_ICoSTA.pdf	Rejected by p	Hoang Van Ngoc	Ngoc	Applied Physics	Conductivity tensor in an infinite potential cylindrical quantum wire with electron-acoustic phonon scattering
123	123_ICoSTA.pdf	accepted	Muhammad Aulia Rahm	Bintang	Electrical and Electronics Engineering	The effect of reflector application for solar panel output improvement
124	124_ICoSTA.pdf	accepted	Denny Haryanto Sinaga	Sinuraya	Electrical and Electronics Engineering	Solar photovoltaic application for electric vehicle battery charging
125	125_ICoSTA.pdf	accepted	Marham Sitorus	Sitorus	Chemical Engineering	Phytochemical screening and secondary metabolites toxicity test from toba frankincense leaf (STYRAX paralleoncomud PERK)

126	126_ICoSTA.pdf	accepted	Janter P. Simanjuntak	Simanjuntak	Mechanical Engineering	An operating parameter study of the biomass solid feedstock incinerator of fixed-bed type with two stage air supply
127	127_ICoSTA.pdf	accepted	Dr. Herlinawati, S.Si., M.	Herlinawati	Chemical Engineering	Utilization of pineapple (anas comosus l) leaves plant waste as a natural biosorbent
128	128_ICoSTA.pdf	accepted	Olnes Yosefa Hutajulu	Mendoza	Power and Energy Engineering	Community constraints analysis in the use of solar power plants in Indonesia
129	129_ICoSTA.pdf	accepted	Deni Rahman Marpaung	Marpaung	Applied Physics	The implementation of plyometrics circuit model to increase jump power
130	130_ICoSTA.pdf	accepted	Junifa Layla Sihombing	Sihombing	Chemical Engineering	Characterization of sarulla natural zeolite activated with various acid concentration and loaded with Ni and Ni-Mo metals as bifunctional catalyts
131	131_ICoSTA.pdf	accepted	Ruslan Bazhenov	Vexler	Educational Technology	STEM course on circuit design accomplished to enhance scientific and technological capabilities of students
132	132_ICoSTA.pdf	accepted	Ruslan Bazhenov	Eyrikh	Educational Technology	The efficiency of multimedia technologies utilized in studying Mathematics course in the fields of Engineering
133	133_ICoSTA.pdf	accepted	Ahmad Nasir Pulungan	Pulungan	Power and Energy Engineering	The stabilization of bio-oil as an alternative energy source through hydrodeoxygenation using Co and Co-Mo supported on active natural zeolite
134	134_ICoSTA.pdf	Rejected by p	Nora Susanti	Susanti	Chemical Engineering	Suspension stability ethanol extract of frankincense gum (styrax benzoin)
135	135_ICoSTA.pdf	accepted	Dinda Kartika	Kartika	Chemical Engineering	Analysis of frieze and crystallographic patterns of North Sumatran Malay songket textile
136	136_ICoSTA.pdf	accepted	Safri Gunawan	Gunawan	Biomaterials	The utilization of biomass waste as charcoal briquette to reduce waste disposal

137	137_ICoSTA.pdf	accepted	Safri Gunawan	Gunawan	Chemical Engineering	The effect of corncob as activated carbon on exhaust emission and engine performance
138	138_ICoSTA.pdf	Rejected by p	Marini Damanik	Damanik	Biotechnology	Integrated formulation of spices and herbal in raw ginger pepper sauce typical simalungun as imunomodulator
139	139_ICoSTA.pdf	accepted	Hanapi Hasan	Hasan	Chemical Engineering	An experimental study of liquid smoke and charcoal production from coconut shell by using a stove of indirect burning type
140	140_ICoSTA.pdf	Rejected by p	Hendro Pranoto	Pranoto	Chemical Engineering	Antioxidant activity and GC-MS analysis of stem bark extract of cingkam ( <i>Bischofia javanica</i> )
141	141_ICoSTA.pdf	Rejected by p	Indra Kasih	Indrakasih	Electrical and Electronics Engineering	Developing volleyball refereeing system based on sensor net
142	142_ICoSTA.pdf	accepted	Fahmy Syahputra	Syahputra	Information Technology	Industrial field work practice information system design
143	143_ICoSTA.pdf	Rejected by p	Idramsa	Idramsa	Fundamental and Applied Sciences	Characterization and identification of rhizosphere bacteria in andaliman plants ( <i>Zanthoxylum acanthopodium</i> DC.) as phosphate solubilizing in Humbang Hasundutan Regency
144	144_ICoSTA.pdf	accepted	Dr. Nahesson Panjaitan,	Naheson P	Mechanical Engineering	Distribution pattern of soil bearing capacity on the island of sumatra using field testing data from standard penetration test (SPT) method
145	145_ICoSTA.pdf	accepted	Yulita Molliq Rangkuti	Rangkuti	Fundamental and Applied Sciences	Control optimal analysis of SEIR model of covid 19 spread in Indonesia
146	146_ICoSTA.pdf	accepted	Yulita Molliq Rangkuti	Rangkuti	Computer Applications and Information	Sensitivity analysis of SEIR epidemic model of Covid 19 spread in Indonesia
147	147_ICoSTA.pdf	accepted	Abdul Rais, Yuni Warti	Rais	Material Science and Engineering	Analysis of DSSC (dye sensitized solar cell) and characterization of ZnO-TiO <sub>2</sub> semiconductor using method sol-gel as a material solar cell
148	148_ICoSTA.pdf	accepted	Kinanti Wijaya	Wijaya	Mechanical Engineering	Characteristic of appropriate material building partition board by utilizing waste oil palm trunk

149	149_ICoSTA.pdf	accepted	Suharna A	Suharna A.	Applied Physics	Seismicity and influence of coulomb stress on the risk of earthquakes in South Sulawesi
150	150_ICoSTA.pdf	Rejected by p	ade elfita hariani siregar	Siregar	Biotechnology	Development field guide to insect pollinators on ercis plants ( <i>Pisum sativum</i> L).
151	151_ICoSTA.pdf	Rejected by p	Baharuddin	Baharuddin	Artificial Inteligence	Implementation of a convolucional neural network method to predict university students' emotional extent in online learning
152	152_ICoSTA.pdf	accepted	Syamsul Gultom	Gultom	Information Technology	Developing android-based application for relieving fatigue
153	153_ICoSTA.pdf	Rejected by p	Binari Manurung	Manurung	Biotechnology	Morphological characteristics of fruit fly <i>Bactrocera dorsalis</i> complex on oranges plantation at Karo district, North Sumatera, Indonesia
154	154_ICoSTA.pdf	accepted	Baharuddin	Sinaga	Computer Applications and Information	Android-based household electronic maintenance reminder system