

KEMENTERIAN RISET, TEKNOLOGI, DAN PENDIDIKAN TINGGI  
INSTITUT TEKNOLOGI SEPULUH NOPEMBER

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KEPUTUSAN REKTOR INSTITUT TEKNOLOGI SEPULUH NOPEMBER  
NOMOR 1452/IT2/HK.00.01/2019

TENTANG

PENERIMA INSENTIF PUBLIKASI INTERNASIONAL TERINDEKS TAMBAHAN TAHUN 2019

REKTOR INSTITUT TEKNOLOGI SEPULUH NOPEMBER,

Menimbang : a. bahwa sehubungan dengan adanya beberapa Publikasi Internasional Terindeks yang terbit tahun 2019 dan belum terdanai pada periode sebelumnya;  
b. bahwa sehubungan dengan peleburan Jurnal Thomson Reuther (TR) menjadi Clarivate;  
c. bahwa sehubungan dengan telah dilakukannya proses seleksi dan review terhadap Publikasi Internasional terindeks;  
d. bahwa sehubungan dengan butir a,b dan c tersebut diatas perlu menetapkan Keputusan Rektor tentang Penerima Insentif Publikasi Internasional Terindeks Tambahan Tahun 2019;

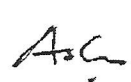
Mengingat : 1. Undang-Undang Nomor 12 Tahun 2012 tentang Pendidikan Tinggi (Lembaran Negara Republik Indonesia tahun 2012 Nomor 158, Tambahan Lembaran Negara Republik Indonesia Nomor 5336);  
2. Peraturan Pemerintah Nomor 4 Tahun 2014 tentang Penyelenggaraan Pendidikan Tinggi dan Pengelolaan Perguruan Tinggi (Lembaran Negara Republik Indonesia Tahun 2014 Nomor 16, Tambahan Lembaran Negara Republik Indonesia Nomor 5500);  
3. Peraturan Pemerintah Nomor 54 Tahun 2015 tentang Statuta Institut Teknologi Sepuluh Nopember (Lembaran Negara Republik Indonesia Tahun 2015 Nomor 172, Tambahan Lembaran Negara Republik Indonesia Nomor 5723);  
4. Keputusan Majelis Wali Amanat Institut Teknologi Sepuluh Nopember Nomor 03 Tahun 2019 tentang Pengangkatan Rektor Institut Teknologi Sepuluh Nopember Masa Jabatan 2019-2024;  
5. Peraturan Rektor Institut Teknologi Sepuluh Nopember Nomor 10 Tahun 2016 tentang Organisasi dan Tata Kerja Institut Teknologi Sepuluh Nopember sebagaimana telah diubah dengan Peraturan Rektor Institut Teknologi Sepuluh Nopember Nomor 27 Tahun 2018;

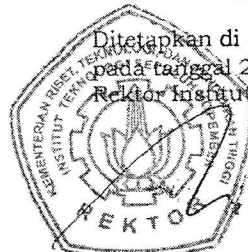
MEMUTUSKAN:

Menetapkan : KEPUTUSAN REKTOR TENTANG PENERIMA INSENTIF PUBLIKASI INTERNASIONAL TERINDEKS TAMBAHAN TAHUN 2019.

KESATU : Menetapkan Penerima Insentif Publikasi Internasional Terindeks Tambahan Tahun 2019, sebagaimana terlampir dalam lampiran yang merupakan bagian tidak terpisahkan dari keputusan ini.

KEDUA : Keputusan Rektor ini mulai berlaku pada tanggal ditetapkan.

Ditetapkan di Surabaya  
pada tanggal 22 April 2019  
Rektor Institut Teknologi Sepuluh Nopember,  




Prof. Dr. Ir. Mochamad Ashari, M.Eng. 2  
NIP. 196510121990031003

Salinan keputusan ini disampaikan kepada:  
1. Para Wakil Rektor;  
2. Kepala LPPM;  
3. Kepala Bagian Tata Usaha dan Kearsipan;  
4. Yang bersangkutan di lingkungan ITS.

Lampiran Keputusan Rektor ITS  
 Nomor : 1452/IT2/HK.00.01/2019  
 Tanggal : 22 April 2019

PENERIMA INSENTIF PUBLIKASI INTERNASIONAL TERINDEKS TAMBAHAN TAHUN 2019

No	Nama	Judul	Departemen	Jenis Publikasi	Database	Saluran Publikasi	Nama Dosen	Tempat	Indeks	Waktu	Nilai
1	Berlian Al Kindhi	Distance-based pattern matching of DNA sequences for evaluating primary mutation	Teknik Elektro Otomasi	Conference proceeding	Scopus	2017 2nd International Conferences on Information Technology, Information Systems and Electrical Engineering, ICTTSEE 2017	Dr. Berlian Al Kindhi, S.ST., M.T.	1985201912087		Q2	3.000.000
2	Nurjahaningtyas, I., Mochtar, I.B., Mochtar, N.E.	The change of value of soaked-CBR in embankment of subgrade due to water logging and repeated vehicles load	T SIPIL	Conference Paper	Scopus	IOP Conference Series: Materials Science and Engineering	Prof. Ir. Noor Endah, MSc., PhD	1951070819760 32001		Q1	3.000.000
3	Dhianty, E., Mochtar, I.B.	Method of removing secondary compression on clay using preloading	T SIPIL	Conference Paper	Scopus	MATEC Web of Conferences	Prof. Ir. Indrasurya B. Mochtar, MSc., PhD	1953040819760 31002		Q2	3.000.000
4	Mochtar, N.E., Yuliantoro, F.E.	Compression behavior of fibrous peat stabilized with admixtures of lime	T SIPIL	Article	Scopus	International Journal on Advanced Science, Engineering and	Prof. Ir. Noor Endah, MSc., PhD	1951070819760 32001		Q2	20.000.000

					Information Technology					
		CaCO <sub>3</sub> +rice husk ash and lime CaCO <sub>3</sub> +Fly Ash								
5	Triyogi Yuwono	Numerical simulation on improvement of a Savonius vertical axis water turbine performance to advancing blade side with a circular cylinder diameter variations	T Mesin	Conference Paper	Scopus	IOP Conference Series	Prof. Dr. Ir. Tri Yogi Yuwono, DEA	1960012919870 11001		3.000.000
6	Subartono, Suhermi, N. Email Author, Prastyo, D.D.	Design of Experiment to Optimize the Architecture of Deep Learning for Nonlinear Time Series Forecasting	Statistika	Conference Paper	Scopus	Procedia Computer Science	Novri Suhermi, S.Si., M.Si	1992201711035		3.000.000
7	Suhermi, N.a, Subartono, Email Author, Prastyo, D.D.a, Ali, B.b View Correspondence (jump links)	Roll motion prediction using a hybrid deep learning and ARIMA model	Statistika	Conference Paper	Scopus	Procedia Computer Science	Novri Suhermi, S.Si., M.Si	1992201711035		3.000.000
8	Razif, M. Email Author, Yuniarto, A. Email	Prediction water river quality status with dynamic system for	Manajemen Bisnis	Article	Scopus	Pollution Research	Satria, Fadli Persada, S.Kom, MB A, Ph.D	1987201711061	Q4	10.000.000

	Author, Persada, S.F.	Karangpiang drinking water treatment plant in Surabaya city, Indonesia							
9	Hariyanto, T., Pribadi, C.B., Kurniawan, A., Sulkojo, B.M., Taufik, M., Indeswari, L.	Analysis of Concentration of Total Suspended Solid (TSS) in Porong Sidoarjo River Waters	T. Geomatika	Conference Paper	Scopus	Proceedings - 2018 4th International Conference on Science and Technology, ICST 2018	Dr. Eko Yuli Handoko, ST, MT.	1974672720000 31001	3.000.000
10	Handoko, E.Y., Hariyadi, H., Wirasatriya, A.	The ENSO's Influence on the Indonesian Sea Level Observed Using Satellite Altimetry, 1993 2016(Confere nce Paper)	T. Geomatika	Conference Paper	Scopus	2018 IEEE Asia- Pacific Conference on Geoscience, Electronics and Remote Sensing Technology: Best Practice for Disaster Mitigation using Geoscience, Electronic, and Remote Sensing, AGERS 2018	Dr.Ir. Teguh Hariyanto, M.Sc	1959081919850 21001	3.000.000
11	Lulian, T.Y.K., Fatmawati, S., Santoso, M., Ersam, T	Free radical scavenging activity of Artocarpus champeden extracts	Kimia	Conference Paper	Scopus	AIP Conference Proceedings 2049, 020090 (2018)	Prof. Dr. Taslim Ersam	1952081619790 31004	3.000.000
12	Pambudi, A.B., Kurniawati, R., Irvani, A., Hartanto, D	Effect of calcination temperature in the synthesis of carbon doped TiO <sub>2</sub> without external carbon source	Kimia	Conference Paper	Scopus	AIP Conference Proceedings 2049, 020090 (2018)	Dr. Djoko Hartanto, M.Si	1962102819880 31003	3.000.000

13	Juwono, H., Nugroho, K.A., Alfian, R., Ni'Mah, Y.L., Sugiarso, D., Harnani	New generation biofuel from polypropylene plastic waste with co- reactant waste cooking oil and its characteristic performance	Kimia	Conference Paper	Scopus	AIP Conference Proceedings 2049, 020090 (2018)	Dr. Hendro Juwono, M.Si	1961060619880 31001	3.000.000
14	Hikmah, A.M., More, E., Ramadhan, L.-O.A.N., Atraja, L., Subhan, A.	iron sand as source of active anode material with chitosan- PVA binder on lithium-ion battery	Kimia	Conference Paper	Scopus	AIP Conference Proceedings 2049, 020090 (2018)	Drs. Lukman Atraja, M.Si., Ph.D	1961081619890 31001	3.000.000
15	Nugraeni, C.D., Hawali, N., Santoso, M., Kusumawati, Y., Atraja, L.	Preparation of proton exchange membrane based on chitosan phthalyl and chitosan blend for direct methanol fuel cell application	Kimia	Conference Paper	Scopus	AIP Conference Proceedings 2049, 020090 (2018)	Drs. Lukman Atraja, M.Si., Ph.D	1961081619890 31001	3.000.000
16	Wardani, E.A., Padlihan, A., Santoso, M.	Synthesis of 2- ethoxy-1-(3- methyl-2- buten-1-yl)oxy- 4-(3-methyl-2- buten-1- yl)oxymethyl)b enzene	Kimia	Conference Paper	Scopus	AIP Conference Proceedings 2049, 020090 (2018)	Prof. Dr. Mardi Santoso	1965013119891 01001	3.000.000
17	Annuur, R.M., Tisari, D.A.	Synthesis and anti- tuberculosis	Kimia	Conference Paper	Scopus	AIP Conference Proceedings	Prof. Dr. Mardi Santoso	1965013119891 01001	3.000.000

	Dimartita, R.R., Fadlan, A. Ersam, T. Nuryasri, T., Santoso, M.	activity of trisindolines				<b>2049, 020090</b> (2018)			
18	Kurniawati, R., Iyani A., Hartanto, D.	The effect of 2- propanol on the shifting band gap of ZSM-5-TiO <sub>2</sub> composite prepared via sol-gel method	Kimia	Conference Paper	Scopus	AIP Conference Proceedings <b>2049, 020090</b> (2018)	Dr. Djoko Hartanto, M.Si	1962102819880 31003	3.000.000
19	Happy Bunga Nasyirahul Sajidah, Silvana Dwi Nurherdiana, Wahyu Praseyo Utomo, Rendy Muhammad Iqbal, Djoko Hartanto, Mohd. Hafiz Dzarlan Othman, and Hamzah Famsuri	Preparation and characterization of dual-layer hollow fibre catalyst membrane for oxygen transport	Kimia	Conference Paper	Scopus	AIP Conference Proceedings <b>2049, 020090</b> (2018)	Hamzah Famsuri, S.Si., M.Si, PhD.	1969101719941 21001	3.000.000
20	Iskandriawan , B., Kuswanto, D., Soedjito, E.F.	Bicycle Design for Children with Spastic Cerebral Palsy to Enhance Interaction between Children and Parents	Desain Produk	Conference Paper	Scopus	Proceedings - 2018 1st International Conference on Bioinformatics, Biotechnology, and Biomedical Engineering, BioMIC 2018	Dr. Ir. Bambang Iskandriawan, M.Eng.	1960112219900 21001	3.000.000

21	Kuswanto, D., Iskandriawan , B., Mahardhika. P.S.	Power Grip Exoskeleton Design as Rehabilitation Devices for Post-Stroke Survivors	Desain Produk	Conference Paper	Scopus	Proceedings - 2018 1st International Conference on Bionformatics, Biotechnology, and Biomedical Engineering, BiomTC 2018	Djoko Kuswanto, ST., M. Biotech	1970091219970 21002	3.000.000
22	Putri, R.I., Ronilaya, F., Rifai, M., Jasa, L., Priyadi, A., Mauridhi Hery, P.	Sensorless Optimum Power Extraction for Small Scale Stand Alone Wind Turbine Based on Fuzzy Controller	T. Elektro	Conference proceeding	Scopus	2018 2nd International Conference on Applied Electromagnetic Technology, AEMT 2018	Dr.Eng Ardyono Priyadi, ST., M.Eng	1973092719980 31004	3.000.000
23	Multazam, T., Putri, R.I., Pujiantara, M., Lystianingru n, V., Priyadi, A., Hery Mauridhi, P.	Short-Term Wind Speed Prediction Base on Backpropagation n Levenberg- Marquardt Algorithm; Case Study Area Ngarjuk	T. Elektro	Conference proceeding	Scopus	Proceedings of 2017 5th International Conference on Instrumentation, Communications , Information Technology, and Biomedical Engineering, ICICI-BME 2017	Dr.Eng Ardyono Priyadi, ST., M.Eng	1973092719980 31004	3.000.000
24	Setiawati, N.E., Rosmahatia, Lystianingru n, V., Priyadi, A., Purnomo, M.H.	Distribution transformer oil age prediction using neuro wavelet	T. Elektro	Conference proceeding	Scopus	Proceedings of 2018 10th International Conference on Information Technology and Electrical Engineering: Smart Technology for Better Society, ICITEE 2018	Dr.Eng Ardyono Priyadi, ST., M.Eng	1973092719980 31004	3.000.000

25	Putra, D.F.U., Penangsang, O., Soeprijanto, A.	Non-intrusive load monitoring design using K- means clustering extreme learning machine	T. Elektro	Article	Scopus	<u>International Review on Modelling and Simulations</u>	Dr. Dimas Fajar Umar Putra, ST, MT.	1988110820121 21001	Q2	20.000.000
26	Firdaus, A.A., Penangsang, O., Soeprijanto, A., Dimas Fajar, U.P.	Distribution network reconfiguration using binary particle swarm optimization to minimize losses and decrease voltage stability index	T. Elektro	Article	Scopus	<u>Bulletin of Electrical Engineering and Informatics</u>	Prof.Dr.Ir. Adi Soeprijanto , M.T.	1964040519900 21001	Q4	10.000.000
27	Qomaruzzam an, M., Mardiyanto, R.	Automatic Docking Based on Visual Feedback on Remotely Operated Vehicle	T. Elektro	Conference proceeding	Scopus	Proceedings - 2018 5th International Conference on Information Technology, Computer and Electrical Engineering, ICTACEE 2018	Ronny Mardiyanto , S.T, M.T., Ph.D.	1981011820031 21003		3.000.000
28	Saputra, E.A., Mardiyanto, R.	Development of Object Tracking System Using Remotely Operated Vehicle Based on Visual sensor	T. Elektro	Conference proceeding	Scopus	Proceedings - 2018 5th International Conference on Information Technology, Computer and Electrical Engineering, ICTACEE 2018	Ronny Mardiyanto , S.T, M.T., Ph.D.	1981011820031 21003		3.000.000
29	Mardiyanto, R., Tamam, B.,	Development of Navigation Method of	T. Elektro	Conference proceeding	Scopus	Proceedings - 2018 5th International	Ronny Mardiyanto	1981011820031 21003		3.000.000



	Suryoatnojo, H.	Buoyant Boat for Maintaining Position of the Boat and Underwater Remotely Operated Vehicle			Conference on Information Technology, Computer and Electrical Engineering, ICTACEE 2018	, S.T., M.T., Ph.D.			
30	Lusia Rakhrnawati, Wirawan, Suwadi	Image Fragile Watermarking With Two Authentication Components for Tamper Detection and Recovery	T. Elektro	Conference proceeding	Scopus	Published in International Conference on Intelligent...2018	Dr. Ir. Wirawan, DEA	1963110919890 31011	3.000.000
31	Farah Añanti, Iwan Wirawan, Titiek Suryani	Dynamic Cipher Puzzle for Efficient Broadcast Authentication in Wireless Sensor Networks	T. Elektro	Conference proceeding	Scopus	Published in Sensors 2018 DOI:10.3390/s1 8114021	Dr. Ir. Wirawan, DEA	1963110919890 31011	3.000.000
32	Rochmatika, R.A., Suryani, T., Wirawan	Performance of adaptive modulation over frequency selective fading channel in VANET environment	T. Elektro	Conference proceeding	Scopus	Proceedings of 2018 10th International Conference on Information Technology and Electrical Engineering: Smart Technology for Better Society, ICTEE 2018	Dr. Ir. Titiek Suryani, MT	1964113019890 32001	3.000.000
33	Jayati, A.E., Wirawan, Suryani, T., Endroyono	Characteristic of HPA Nonlinear Distortion Effects in	T. Elektro	Conference proceeding	Scopus	9th International Conference on Information and Communication Technology	Dr. Ir. Titiek Suryani, MT	1964113019890 32001	3.000.000

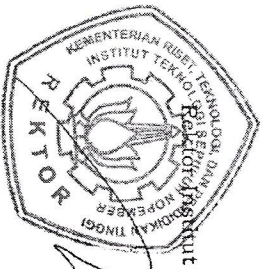
		MIMO-GFDM Systems				Convergence: ICT Convergence Powered by Smart Intelligence, ICTC 2018			
34	Attamimi, M., Nagai, T., Purwanto, D.	Object detection based on particle filter and integration of multiple features	T. Elektro	Conference proceeding	Scopus	<u>Procedia Computer Science</u>	Muhamma d Attamimi, B.Eng., M.E ng., Ph.D	1985201711039	3.000.000
35	Attamimi, M., Mardiyanto, R., Irfansyah, A.N.	Inclined image recognition for aerial mapping using deep learning and tree based models	T. Elektro	Article	Scopus	<u>Telkomnika (Telecommunica tion Computing Electronics and Control)</u>	Muhamma d Attamimi, B.Eng., M.E ng., Ph. D	1985201711039	Q3 15.000.000
36	Baginda, Y.P., Affandi, A., Pratomo, I.	Analysis of RTO and RPO of a service stored on Amazon Web Service (AWS) and Google Cloud Engine (GCE)	T. Elektro	Conference proceeding	Scopus	Proceedings of 2018 10th International Conference on Information Technology and Electrical Engineering: Smart Technology for Better Society, ICITEE 2018	Dr. Ir. Achmad Affandi, DEA	1965101419900 21001	3.000.000
37	Aufa, F.J., Endroyono, Affandi, A.	Security System Analysis in Combination Method: RSA Encryption and Digital Signature Algorithm	T. Elektro	Conference proceeding	Scopus	Proceedings - 2018 4th International Conference on Science and Technology, ICST 2018	Dr. Ir. Achmad Affandi, DEA	1965101419900 21001	3.000.000

38	<u>Pamuji, F.A., Miyachita, H.</u>	Maximum power point tracking of multi-input inverter for connected hybrid pv/Wind power system considering voltage limitation in grid	T. Elektro	Article	Scopus	<u>International Review on Modelling and Simulations</u>	Febby Agung Panuji, ST., MT., Ph.D	1987020620121 21002	Q2	20.000.000
39	<u>Fahmi, D., Negara, I.M.Y., Asfani, D.A., Hernanda, I.G.N.S., Wahyudi, M., Andriani, N.</u>	Investigation of transformer oil characteristics by the effect of rapid temperature fluctuation	T. Elektro	Article	Scopus	<u>International Journal on Energy Conversion</u>	Daniar Fahmi, ST., MT.	1989092520140 41002	Q4	10.000.000
40	<u>Nurhayati, Hendrantoro, G., Fukusako, T., Setijadi, E.</u>	Mutual Coupling Reduction for a UWB Coplanar Vivaldi Array by a Truncated and Corrugated Slot	T. Elektro	Article	Scopus	<u>IEEE Antennas and Wireless Propagation Letters</u>	Prof. Ir. Gamanyo Hendrantoro, M.Eng. Ph.D	1970111119930 31002	Q1	25.000.000
41	<u>Utama, Y.A.K., Widianto, Y., Sardjono, T.A., Kusuma, H.</u>	Design A Low Cost Wind Direction Sensor with High Accuracy	T. Elektro	Conference proceeding	Scopus	Proceedings - 2018 5th International Conference on Information Technology, Computer and Electrical Engineering, ICTACEE 2018	Dr. Ir. Hendra Kusuma, M.Eng.Sc.	1964090219890 31003		3.000.000

		Detection Systems							
46	Waskitho Wibisono, Tohari Ahmad, Radityo Anggoro	Position-Based Scheme for Multi-Hop Routing Protocol in Cluster-Based Wireless Sensor Networks	Teknik Informatika	Conference Paper	Scopus	4th IEEE International Conference on Wireless and Telematics (ICWT)	Waskitho Wibisono, S.Kom.,M.Eng.,Ph.D	19741022200031001	3.000.000
47	Rozita, Waskitho Wibisono, Radityo Anggoro	Improvement Performance of Clustered Shortest Geopath Routing Protocol Using Data Aggregation in Wireless Sensor Network Environments	Teknik Informatika	Conference Paper	Scopus	2nd Mathematics, Informatics, Science and Education International Conference, MISEIC 2018	Waskitho Wibisono, S.Kom.,M.Eng.,Ph.D	19741022200031001	3.000.000
48	Sari, R.W.P., Rochimah, S.	The determination of website usability components by using generalized structured component analysis	Teknik Informatika	Conference Paper	Scopus	Proceedings - 2018 10th International Conference on Information Technology and Electrical Engineering (CITEE)	Dr. Ir. Siti Rochimah, M.T	196810021994032001	3.000.000
49	Baskoro Adi Pratomo, Pete Burnap, George Theodorakopoulos	Unsupervised Approach for Detecting Low Rate Attacks on Network Traffic with Autoencoder	Teknik Informatika	Conference Paper	Scopus	2018 International Conference on Cyber Security and Protection of Digital Services (Cyber Security)	Baskoro Adi Pratomo, S.Kom., M.Kom.	198702182014041001	3.000.000

42	<u>Pamungkas, A., Nurmianto, E., Siswanto, V.K., Sulistyona, A.</u>	Appropriate technologies for local economic development based on fisheries products in Poteran Island	T. Industri	Conference proceeding	Scopus	<u>IOP Conference Series: Earth and Environmental Science</u> Volume 202, Issue 1, 27 November 2018, Article number 01201	Ir. Eko Nurmianto, M.Eng.Sc.	1960081119860 31001	3.000.000
43	<u>Ardhik Ampuh Yunanto, Darlis Herumurti, Siti Rochimah, Inam Kuswardaya</u>	Intelligent System for Agent in Educational Game using Dynamic Gram Similarity	Teknik Informatika	Conference Paper	Scopus	<u>Proceedings - International Seminar on Application for Technology of Information and Communication: Creative Technology for Human Life, iSemantic</u> 2018, 8549718, pp. 373-376	Dr. Darlis Herumurti, S.Kom., M.Kom.	1977121720031 21001	3.000.000
44	<u>Subali, M.A.P., Rochimah, S.</u>	A new model for measuring the complexity of SQL commands	Teknik Informatika	Conference Paper	Scopus	<u>Proceedings - 2018 10th International Conference on Information Technology and Electrical Engineering (ICTEE)</u>	Dr. Ir. Siti Rochimah, M.T	1968100219940 32001	3.000.000
45	<u>Manirho, P., Ahmad, T.</u>	Analyzing the Performance of Machine Learning Algorithms in Anomaly Network Intrusion	Teknik Informatika	Conference Paper	Scopus	<u>Proceedings - 2018 4th International Conference on Science and Technology, ICST 2018</u>	Tohari Ahmad, S.Kom., M.T, Ph.D	1975052520031 21002	3.000.000

50	O.S. Riza, H. Tjandrasa	Red Small Dot Segmentation for Early Warning of Diabetic Retinopathy	Teknik Informatika	Conference Paper	Scopus	2018 IOP Conf. Series: Journal of Physics	Prof. Ir. Handayani Tjandrasa, M.Sc., Ph.D.	194908231976032001	3.000.000
51	N. Nur, H. Tjandrasa	Exudate Segmentation in Retinal Images of Diabetic Retinopathy Using Saliency Method Based on Region	Teknik Informatika	Conference Paper	Scopus	2018 IOP Conf. Series: Journal of Physics	Prof. Ir. Handayani Tjandrasa, M.Sc., Ph.D.	194908231976032001	3.000.000



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