

Presentain No.	Abstract No.	Corresponding Author	Corresponding Author	Corresponding Author	Corresponding Author	Affiliation 1	Affiliation 2	Presenter Name	Frist Family Name	Abstract Title
11P4-01	1037	Mr.	Hiroki		Suzuki	Others	Air Water Incorporated	Hiroki	Suzuki	Turn-on Capacitance Recovery Characteristics Evaluation in AlGaIn/GaN/SiC/Si that have a high vertical breakdown voltage
11P4-02	1039	Dr.	Akihisa		Ogino	Shizuoka University		Akihisa	Ogino	Output Characteristics of Themiconic Energy Converter with AlGaIn Emitter
11P4-03	1042	Prof.	Byoungdeog		Choi	Sungkyunkwan University		Pyungho	Choi	Capacitance Transient Analysis of Oxide Semiconductor Films
11P4-11	1043	Mr.	Yasutaka		Kawade	Kyoto Institute of Technology		Yasutaka	Kawade	Influence of external field on levitating microorganisms in an RF plasma
11P4-04	1044	Mr.	So		Kuroyanagi	Toyota Technological Institute		So	Kuroyanagi	Formation of ohmic contact to p-type GaN by heat treatment of Au/Ni electrode
11P4-30	1047	Mr.	Jason		Pechardo	University of the Philippines-Diliman		Noor Anne	Buenafior	Plasma Polymerization of Pinene on Polyvinyl Alcohol-Chitosan Hydrogel for Transdermal Drug Delivery Application
11P4-31	1052	Prof.	Kathrina Lois		Taaca	University of the Philippines-Diliman		Mary Catherine Jane	Zoleta	Synthesis of PVA/Chitosan Copolymer Hydrogel via Gamma- Irradiation for Oral Insulin Drug Delivery
11P4-05	1055	Prof.	Naotaka		Iwata	Toyota Technological Institute		Noataka	Iwata	High selectivity dry etching for p-GaN gate formation of normally-off operation high electron mobility transistor
11P4-32	1057	Prof.	Kathrina Lois	M.	Taaca	University of the Philippines-Diliman		Ryan Oliver	Regis	Physicochemical and Biological Properties of Plasma-Treated Zeolite-Chitosan Composites with Varying Degree of Deacetylation
11P4-12	1072	Mr.	Norrawit		Tonmitr	University of the Ryukyus		Norrawit	Tonmitr	Study on Surface Sterilization Using LF-Microwave Hybrid Plasma
	1087	Mr.	Naoyuki		Iwata	Meijo University		Naoyuki	Iwata	Enhancement of Bactericidal Efficacy in Phenylalanine Solution using Low-current Arc Discharge
11P4-13	1091	Mr.	Yuki		Hori	Meijo University		Yuki	Hori	Effect of lactate activated with nitrogen and oxygen radicals in inactivation of melanoma cells
11P4-14	1092	Mr.	Iio		Nozomi	Meijo University		Iio	Nozomi	Effects of Fenton reaction and pH on fluidity of supported lipid bilayer
11P4-15	1094	Prof.	Ginji		Ito	Meijo University		Ginji	Ito	Plant-growth promotion using radical-activated tyrosine solution
11P4-42	1102	Dr.	Hiroshi		Hashizume	Nagoya University		Hiroshi	Hashizume	Effect of plasma treatment in paddy field on growth and yield of rice plants
11P4-16	1106	Mr.	Kazuma		Ogawa	Meijo University		Kazuma	Ogawa	Selective anti-cell proliferation effect of radical-activated medium
11P4-43	1107	Mr.	Shou		Ito	Meijo University		Shou	Ito	Oxygen radical based on non-thermal atmospheric pressure plasma converts lignin-derived phenolics vanillin, an inhibitor of bioethanol fermentation by yeast
11P4-17	1108	Mr.	Tomoyuki	Tomoyuki Nagase	Nagase	Meijo University		Tomoyuki	Nagase	Inactivation of biofilm-forming bacteria using deionized distilled water treated with nitric oxygen radicals and pulsed low-current-arc plasma
11P4-18	1121	Prof.	Masaru		Hori	Nagoya University		Masaru	Hori	Plasma-activated medium induced oxidative stress-dependent cell death on glioblastoma cells
11P4-33	1127	Prof.	Tatsuru		Shirafuji	Osaka City University		Tatsuru	Shirafuji	Tunneling of plasma bullets through a dielectric plate and its application to quick hydrophilicity enhancement of bone-regeneration scaffolds
11P4-44	1139	Prof.	Kazunori		Kadowaki	Others	Ehime University	Kazunori	Kadowaki	Photosensitivity Reduction of Tomato Seed Due to Electrical Stimulation Produced by DBD Plasma
11P4-06	1141	Prof.	Gang		Wang	Sun Yat-Sen University		Tianyu	Hu	Improvement of light extraction performance of UV-curing encapsulant
11P4-34	1145	Prof.	Hiroki	HIROKI KONDO	Kondo	Nagoya University		Hiroki	Kondo	Dynamic morphological change of lipid bilayer induced by indirect plasma irradiation
11P4-35	1149	Ms.	Naho		Mitsuishi	Nagoya Institute of Technology		Naho	Mitsuishi	Surface Oxidation Process of Pure Ti by Direct Alternating Current Discharge Plasma at Atmospheric Pressure
11P4-19	1153	Mr.	Takuya		Goto	Meijo University		Takuya	Goto	Activation of Glucoamylase Using Aspergillus oryzae Spores Exposed to Oxygen Radicals
11P4-45	1155	Mr.	Takumi		Kato	Nagoya University		Hiromasa	Tanaka	Enhancement of intracellular lipids accumulation in plasma-treated Coccomyxa sp.

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11P4-07	1159	Dr.	Wei-Chun		Chen	National Applied Research Laboratories		Wei-Chun Chen		Chen	Effect of CO2 laser annealing on structural properties of InN materials on Al2O3 substrate
11P4-20	1160	Mr.	Yuta		Yoshida	Meijo University		Yuta		Yoshida	Molecular structure analysis on surface of glucose film using sum frequency generation spectroscopy
11P4-38	1162	Mr.	Kenya		Hayashi	Nagoya University		Kenya		Hayashi	Fully-Integrated Supply-Modulated OOK Transmitter for Self-Powered, Fuel-Cell-Embedded, and Low-Cost Continuous Glucose Monitoring Contact Lens
11P4-46	1176	Mr.	Kohei		Kawano	Toyohashi University of Technology		Kohei		Kawano	Electrode Materials on Synthesis of Plasma Nutrient Water by Spark Discharge Treatment
11P4-21	1178	Prof.	Jun-Seok		Oh	Osaka City University		Jun-Seok		Oh	Plasma generated reactive species deliver onto human dermis model
11P4-08	1183	Dr.	Weiqu		Chen	Sun Yat-Sen University		Weiqu		Chen	Heteroepitaxy of α -Ga ₂ O ₃ thin films on AlN/Si(111) substrate by metal-organic chemical vapor deposition
11P4-39	1184	Dr.	Md. Zahidul		Islam	Nagoya University		Md. Zahidul		Islam	Wearable devices for biosensing applications via CMOS compatible glucose fuel cell fabricated by carbon nanohorns
11P4-22	1185	Prof.	Jang-Hsing		Hsieh	Ming Chi University of Technology		Jang-Hsing		Hsieh	Transparent Diffusive Coplanar Surface Barrier Discharge (DCSBD) and its Use in Bactericide and Low Temperature Oxidation of Ti Alloy
11P4-40	1186	Ms.	Sitong		Ye	Nagoya University		Sitong		Ye	Simulation Study of Full Passive Magnetic Human Body Communication in 65-nm CMOS Technology
11P4-23	1203	Mr.	Shogo		Maeda	Nagoya University		Shogo		Maeda	Extracellular flux analysis of mitochondrial stress on HeLa cells in Plasma activated Ringer's lactate solution (PAL)
11P4-24	1213	Prof.	Young-IL		Jeong	Chosun University		Seong-Won		Yang	Cold-plasma mediated drug targeting using stimuli-sensitive nanoparticles
11P4-25	1214	Prof.	Myung-Sun		Kim	Others	Chonnam National University Hospital	Hee-Yeon		Kim	Osteogenic differentiation of preosteoblast on the surface modified 3D PCL/TCP scaffold and PCL scaffold by additived various architecture
11P4-26	1215	Prof.	Byung-Hoon		Kim	Chosun University		Chang-Min		Lee	DACH plasma surface of the amine-functionalized surface demonstrate the best bioactivity for human bone marrow mesenchymal stem cell behaviors
11P4-47	1216	Prof.	Kenji		Ishikawa	Kyushu University		Kenji		Ishikawa	Growth kinetics of plasma-activated seeds of lettuce lactuca sativa
11P4-27	1217	Mr.	Shoma		Ito	Meijo University		Shoma		Ito	Contribution of reactive oxygen species to bactericidal efficacy of radical-activated water
11P4-09	1219	Mr.	Kuan Yu		Chen	National Cheng Kung University		Kuan Yu		Chen	Amorphous MgInO TFT using Al2O3 Gate for UV Sensing Applications
11P4-10	1221	Mr.	Shota		Jodo	Nagoya University		Shota		Jodo	A 180nm CMOS Gate Driver Using Bootstrap Technique With Short Slew Rate for 13.56MHz GaN-Based Power Electronics Applications
11P4-28	1224	Mr.	Takahiro		Deguchi	Meijo University		Takahiro		Deguchi	Variation of hydrogen peroxide concentration in low-current-arc plasma irradiated phosphate-buffered solution
11P4-29	1225	Dr.	Ryugo		Tero	Toyohashi University of Technology		Ryugo		Tero	Hydroxyl radical transport causing pore formation in lipid bilayers
11P4-36	1228	Mr.	Kosuke		Uchiyama	Nagoya University		Kosuke		Uchiyama	Design of Solar-Cell-Powered CMOS Image Sensor Array for Energy-Autonomous Optical Imaging Application
11P4-50	1240	Mr.	Aung Kyaw		Oo	Others	Moscow Institute of Physics and Technology, MIPT	Aung		Kyaw Oo	Beam-plasma reactor for nano-fibers processing: development and first tests
11P4-51	1247	Dr.	Kiichi		Niitsu	Nagoya University		Shigeki		Arata	An Equivalent Circuit Modeling of CMOS-Process-Applicable Glucose Fuel Cell
11P4-52	1249	Prof.	Shu-Chuan		Liao	Da-Yeh University		Shu-Chuan		Liao	UV-induced grafting polymerization of zwitterionic antifouling hydrogel on PET by atmospheric plasma treatment
11P4-53	1250	Prof.	Shinya		Kumagai	Meijo University		Tatsuya		Kitazaki	Measurement of time evolution of fluorescent reagent introduction rate into cells towards highly efficient plasma gene transfection
11P4-48	1260	Dr.	HOI WAI		CHOI	Others	The University of Hong Kong	HOI WAI		CHOI	Design of Photonic Crystal Nano-Cavity for Multi-Colour Laser
11P4-54	1261	Mr.	Taiki		Nakanishi	Nagoya University		Taiki		Nakanishi	A Widely Tunable CMOS VCO with an Active Inductor for Analyzing CTCs

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11P4-55	1270	Ms.	Nurul Hidayah	noor asnida asli	Sulimai	Others	Universiti Teknologi MARA	Tetsuo	Soga	Mechanisms of Direct In Situ Mineral Carbonation of Calcium Carbonate
11P4-49	1276	Ms.	Najwa Ezira		Ahmed Azhar	Others	Universiti Teknologi MARA	Tetsuo	Soga	Physical behavior of highly conductive nanocomposited MEH-PPV/ZnO film by dual-step coating method
11P4-56	1287	Ms.	Kathrina Lois	M	Taaca	University of the Philippines-Diliman		Kathrina Lois	Taaca	Raman Spectroscopy and Multivariate Analysis of the Chitosan-Acrylic Acid Complex functionalized using Atmospheric Pressure Plasma Jet