

### 3/3 (FRI) Poster Session 2

Presentation No.	Abstract No.	Presenter	Title
03P01	1158	Yusuke Nakamura	Solution-Plasma Synthesis of A Free-Standing and Au-Nanoparticle-containing Polymer Membrane on Aqueous Solution
03P02	1159	Yodai Ishida	Time evolution of Mass Spectra of MB Aqueous Solution Treated with Three Dimensionally Integrated Micro Solution Plasma
03P03	1160	Shohei Kito	Gas-gap Dependence of the Quenching Rate of OH(A) Observed in DBD on Water
03P04	1303	Takeshi Aizawa	Development of compact ashing process using microwave plasma included in water bubbles
03P05	1330	Yusuke Hashimoto	Surface modification of amorphous carbon thin films by solution plasma process in ammonia aqueous solution
03P06	1341	Makoto Moriyama	Investigation of Charges on Liquid Droplet Placed in Argon Plasma
03P07	1085	Seiki Saito	Grain size dependence of penetration depth of hydrogen injection into polycrystalline tungsten by binary-collision-approximation-based simulation
03P08	1152	Yoshitsugu Banno	Investigation of damage evolution process of GaN during plasma exposure
03P09	1244	Yan Zhang	Modification mechanism of vacuum ultraviolet (VUV) on polyethylene terephthalate (PET) surfaces during plasma irradiation
03P10	1271	Won-Seok Chang	Plasma surface kinetics studies of etch process in fluorocarbon & hydrogen containing fluorocarbon plasmas
03P11	1320	Ta Chin Wei	Fabrication of Hydrophobic and Oleophobic Surface by Plasma Processes
03P12	1325	Ryo Kanou	Buffer gas effect on the silicon etch rate in the CF4 inward plasma
03P13	1107	Jhe-Ming Jhang	Microstructure and electrochemical performances of Al doped spinel LiMn2O4 for flexible lithium-ion batteries by RF magnetron sputtering
03P14	1123	Ya-Yun Shih	Recovery of Molybdenum from Spent SCR Catalysts by Ion Exchange
03P15	1130	Kazunori Koga	Corrational study of fluctuation of coupling between plasmas and nanoparticles
03P16	1172	Shunsuke Nishijima	Observation of bubble size profiles during long-term microwave irradiation
03P18	1027	Chun-Ying Chiang	High-Performance, Robust, Stretchable Organic Photovoltaics
03P20	1088	Masanari Otake	Informatics aided analysis on dielectric properties for perovskite-type oxides by density functional theory
03P21	1142	Bing-Huang Jiang	Inverted Organic Photovoltaics with a Power Conversion Efficiency of 8.7% Incorporated an Interfacial Modifying Layer
03P22	1173	Kyung Hwan Kim	Photocatalytic properties of hybrid thin film Ag Nanowire/IZO
03P23	1224	Quang Nhat Tran	Influence of gold-silver rough surface nanoparticles on the performance of Organic Solar Cells

03P24	1236	Amr Abuelwafa	Impact of Doping PtOEP on the Performance and Impedance spectroscopic for P3HT: PCBM Solar Cells.
03P25	1241	Amr Abuelwafa	Platinum Octaethylporphyrin Doping to ZnO nanoparticle For Flexible Dye-sensitized Solar Cell Application
03P26	1024	Motohiro Tanaka	Thermal properties of various kinds of filler particle dispersed metal matrix composites (MMCs) fabricated using SPS process
03P27	1162	Chen-Yu Ho	Improved the chemically ordering of L10-FePt/rGO nanocomposites by acid treatment
03P28	1204	Kazunori Maekawa	Heterogeneous Nucleation of Alpha Al Primary Crystal on L12 Modified Al <sub>2</sub> .7Ni <sub>0.3</sub> Ti Phase
03P29	1214	Michihisa Umezawa	PEFC catalytic properties of Pt alloy nanoparticles prepared by a Plasma-Gas-Condensaion
03P30	1253	Tadachika Chiba	Crystallographic Characters of Butterfly Martensite in Fe-Ni-Cr-C Alloy
03P31	1256	Yuu Suzuki	Effects of Shot Peening and Atmospheric Pressure Plasma on Aesthetic Improvement of Ti Alloy for Dental Applications
03P32	1262	Masakuni Ozawa	formaation and storage storage properties of Palladium nanoparticles via low-tmeperature precipitaion process
03P34	1307	Yoshimi Watanabe	Formation of L12 Modified Al <sub>2</sub> .5Cu <sub>0.5</sub> Ti Phase by Heat Treatment of Spark Plasma Sintered Cu/Al <sub>3</sub> Ti Specimens
03P35	1009	Chi-Chang Tsai	Growth of monolayer WSe <sub>2</sub> and its optical characteristics
03P36	1032	Wei-De Chien	Low-temperature optical properties of MoS <sub>2</sub> ultra thin film
03P37	1071	Mu-Tsun Tsai	Synthesis and photocatalytic property of Cu-doped ZnO/SnO <sub>2</sub> nanophotocatalysts
03P38	1148	Mohamad Rusop Mahmood	Optical Properties of MEH-PPV: ZnO Nanocomposite via Spin Coating Method for Organic Light Emitting Diodes (OLEDs)
03P39	1166	Yee-Shin Chang	Effects of Na <sub>2</sub> CO <sub>3</sub> Flux Additions on the Structure and Luminescent Properties for Ba(Y <sub>1.98</sub> Pr <sub>0.02</sub> )ZnO <sub>5</sub> Phosphor
03P40	1263	Akira Watazu	Spectroscopic reflectometry analysis of titanium film formed on plastic by DC magnetron sputtring
03P41	1266	Masashi Matstsmoto	Preparation and photoemission properties of Eu-doped CeO <sub>2</sub> nanoparticles via hydrothermal process
03P42	1344	Chih-Chiang Yang	Deep Ultraviolet Photodetector of In <sub>2</sub> O <sub>3</sub> -doped MgO Thin Film
03P43	1346	Ching-Chien Hsu	UV Photodetector Properties of In <sub>2</sub> o <sub>3</sub> -doped Ga <sub>2</sub> O <sub>3</sub>
03P44	1016	Kuan-Yu Lin	Enhancement of optoelectronic property on AZO thin film by inserting different diameter Au nano-particles
03P45	1018	Chang-Li Liu	Enhanced optoelectronic properties on Ga-doped ZnO thin film by multiple buffer layers process
03P46	1028	Lin-Yu Kuo	Effect of loading on the resistance of ZnO series thin film grown by RF magnetron sputtering
03P47	1055	Meng-Kang Fei	Study of intermittent growth for Gallium-doped ZnO thin films on flexible substrate

03P48	1277	Ding-Yan Zhong	Characterizing the Light-Emitting Diodes Without Electrode on Surface with Chip Scale Package
03P49	1213	Yen-Yun Chen	Improving Film Adhesion Ability by Using Various Surface Cleaning Technique
03P50	1206	Ming Chang	Improvement of Ohmic Contacts to n-type GaN Using by Inductively Coupled Plasma
03P51	1358	Masayuki Takahashi	Gas Breakdown Physics in Microwave Irradiation Sustained by External Magnetic Field
03P52	1359	Chun-Cheng Chiu	The effects of post deposition magnetic field annealing on the magnetic anisotropy of NiO/Co90Fe10 b
03P53	1360	Chia-Hui Lin	Tuning the magnetism of Ni80Fe20/La0.7Sr0.3MnO3/SrTiO3(001) thin films with low-energy Ar ion-b
03P54	1362	Chiao-Ling Huang	The effects of annealing on structural and magnetic properties of ion-beam depos-ited MnBi thin films
03P55	1363	Ma. Shanlene Dela Vega	Functionalization of Graphene Using RF Plasma
03P56	1364	Min-Chuan Wang	The ion conductor layer fabricated by high deposition rate and low-cost cathodic arc plasma technolog
03P58	1366	Toshinari Ueyama	Elucidation of electron behavior in dc-superposed synchronized pulsed plasmas
03P59	1368	Toshiyuki Kawasaki	Transportation of reative oxygen species through a tissue phantom by plasma-jet irradiation
03P60	1369	Koichi Ito	Impact of Thermal Annealing on Mophology and Chemical Bonding Features at Epitaxial Ag(111) Surfæ
03P61	1370	Luigi Dahonog	Antibacterial Activity of Plasma-Treated Cu-Bentonite Composites
03P62	1371	Rontgen Gapusan	Fabrication of Transparent Conducting Aluminum Thin Film via Anodization-Etching of Thermally Evap
03P63	1372	Glenn Latag	Argon Plasma Modification of Chitosan Films
03P64	1373	Thi-Thuy-Nga Nguyen	The Influence of R2R-HIPIMS Ti-O Coatings on the NIR Reflectance/Cooling Effect of PET Fabric
03P65	1374	LU CHENG	Carbon fiber surface modification by pulsed dielectric barrier discharge plasma
03P66	1375	Qikang Jin	Experimental study on bacteria sterilization by using a pulsed cold plasma jet with different gas mixtur
03P68	1377	Wakana Takeuchi	Electrical Properties of AlON/4H-SiC MOS Capacitor Prepared by Plasma-Assisted Atomic Layer Deposi
03P69	1379	Auvrae Jherxel See	Reduction of RF-PECVD grown graphene oxide on textile materials
03P70	1380	Maria Gabriela Sales	Deposition of Graphene Thin Films on Flexible Substrates for Optoelectronic Applications
03P71	1381	Nigel Patrick Angelo	Anti-corrosion Properties of Plasma-polymerized Nanosilica-reinforced Epoxy Nanocomposite Coating
03P72	1382	Fatima Athena Hubilla	Mechanical Properties of Plasma-Polymerized Nanosilica/Epoxy Composites

03P73	1383	Yuji Shimabukuro	Development of Compact Microwave Driven Atomic Beam Sources
03P74	1386	Magdaleno Vasquez Jr.	Surface modification of (100) p-type Silicon via Ar-O <sub>2</sub> and Ar-N <sub>2</sub> Plasma
03P75	1387	Yoshiaki Nonoyama	Influence of polypropylene due to excessive irradiation of atmospheric pressure plasma
03P76	1388	Dan Liu	Experimental study on formation of hydrogen peroxide by DBD discharge over water
03P77	1389	Camille Faith Romero	ECR plasma reactor for carbon stripper foil production
03P78	1390	Beverly Anne Suarez	High energy electrons in a magnetized sheet plasma
03P79	1391	Kanta Hamasaki	Frequency Dependence of Filamentary Plasma Structure in Microwave Breakdown under Air Atmosphere
03P80	1392	Ma. Eliza Dufourt	Functionalization of Rice Husk-derived Nanosilica via Plasma Polymerization
03P81	1393	Christine Joy Cardama	Adsorption of Chromium (VI) Ions using Plasma-modified Nanosilica-derived from Rice Husk
03P82	1394	Katsunori Makihara	Formation of Mn-germanide Nanodots on Ultrathin SiO <sub>2</sub> Induced by Remote Hydrogen Plasma
03P83	1395	Magdaleno Jr Vasquez	Effects of RF Plasma treatment on spray-pyrolyzed copper oxide films on silicon substrates
03P84	1396	Hyung Wook Choi	Efficiency for Perovskite Solar Cells through the Fabrication of Light-absorption layer.
03P85	1397	Airah Osonio	Role of Plasma-forming Gas in the Treatment of Silver (Ag <sup>+</sup> )-exchanged Philippine Natural Zeolite
03P86	1398	Yusuke Kuwata	Effect of Magnetic Field Orientation onto the Homogeneity of a Microwave Excited Plasma
03P87	1399	Arantxa Danielle Montallana	Enhancement of copper adsorption via plasma modification of natural zeolite for anti-microbial applications
03P88	1400	Glynnis Mae Saquilayan	Ion Propagation in an Aluminum Hollow Cylinder Target Laser Ion Source
03P89	1401	TAEKJIB CHOI	Characterization of carbon doped amorphous silicon hard mask films deposited by PECVD
03P90	1402	Catherine Joy Dela Cruz	Molecular Dynamics Simulations of Hydrogen Plasma Interaction with Carbon Plasma facing wall materials
03P91	1403	Catherine Baello	Mechanochemical synthesis and deposition by thermal evaporation of CaF <sub>2</sub> anti-reflective coatings