

Presentain No.	Abstract No.	Corresponding Author	Corresponding Author	Corresponding Author	Corresponding Author	Affiliation 1	Affiliation 2	Presenter Name	Presenter Family Name	Abstract Title
10P2-01	1008	Prof.	Jae-Won		Lim	Others	Jeonbuk National University	Jae-Won	Lim	Effect of hydrogen plasma arc melting on the removal of metallic and interstitial impurities from Fe-Ti ingots prepared by using pretreated Ti scraps
10P2-02	1009	Mr.	NGUYEN	TRUNG	TRAN	Osaka Prefecture University		TRUNG NGUYEN	TRAN	Effect of insulating oil covering electrodes on characteristics of non-thermal argon plasma jet
10P2-09	1012	Mr.	Zheng-Xin		Lin	National Taipei University of Technology		Zheng-Xin	Lin	Control the Crystallographic Orientation of ZnO Thin Films with Different Working Pressure
10P2-10	1021	Prof.	Chiang-Wei		Lin	Tatung University		Chiang-Wei	Lin	Low Temperature HF-silicate Prepared with Various Thermal Budgets
10P2-11	1023	Mr.	Ming-Ru		Wu	National Taipei University of Technology		Ming-Ru	Wu	Manipulate Surface Free Energy of ZnO Thin Films with Different Substrate Temperature
10P2-12	1028	Mr.	Cheng-Yan		Wu	Feng Chia University		Cheng-Yan	Wu	Non-equilibrium atmospheric pressure plasma polymerization of anti-scratch SiO _x Cy thin films onto aluminum substrate by an atmospheric pressure plasma jet
10P2-13	1034	Prof.	Yung-Sen		Lin	Feng Chia University		Hsiang-Yu	Wan	Synthesis of anti-scratch SiAl _x OyCz thin films onto flexible carbon fiber-reinforced polymer composites by an atmospheric pressure plasma jet
10P2-14	1036	Mr.	Takashi		Koide	Aichi Institute of Technology		Takachi	Koide	Formation of low resistivity SiC thin film using chemical vapor deposition by in situ phosphorus doping into vinylsilane precursor
10P2-15	1038	Prof.	Chin-Chuan		Kuo	National Formosa University		Chun-Hui	Lin	Effects of Pulse Width on the Deposition of High Power Impulse Magnetron Sputtering Deposited Chromium Thin Films
10P2-03	1053	Mr.	Koki		Hayashi	Toyohashi University of Technology		Koki	Hayashi	Application of Ar-N ₂ Mixture Gas for Atmospheric Pressure Microwave Plasma Spraying Method
10P2-16	1060	Mr.	Muhammad		Aminurul Helmy	Okayama University of Science		Muhammad	Aminurul Helmy	Surface Contact Condition Factor towards Tribological Behavior of ta-C:H Film Deposited by Cathodic Vacuum Arc Plasma
10P2-17	1065	Prof.	Wei-Kai		Wang	Da-Yeh University		Wei-Kai	Wang	Microstructure, Surface Morphology and Optical Properties of N-incorporated ZnGa ₂ O ₄ Films Deposited by Radio Frequency Magnetron Sputtering
10P2-18	1069	Prof.	Yung-Sen		Lin	Feng Chia University		Jhen-Yu	Hu	Atmospheric pressure plasma polymerization of LiFeOyCz films for flexible-all-solid electrochromic devices
10P2-04	1073	Ms.	Kathrina	Lois	Taaca	University of the Philippines-Diliman		Cidine Danielle	Carles	Surface Modification of Canvas Cloth using Atmospheric Pressure Plasma Jet
10P2-19	1074	Mr.	Rui		Tang	Others	Gachon University	Rui	Tang	Thin Film Photovoltaic Effect in Ferroelectric Lanthanum-modified Bismuth Titanates
10P2-20	1076	Prof.	Jung-Jie		Huang	Da-Yeh University		Yu-Qi	Wu	ITO/AgNWs stacked transparent conductive film for ultra-wideband antenna
10P2-21	1077	Mr.	Jung-Jie		Huang	Da-Yeh University		Ying-Rong	Ho	Al ₂ O ₃ /TiO ₂ stacked films for metal-semiconductor-metal ultraviolet photodetector
10P2-22	1080	Mr.	RUI		HE	Gachon University		RUI	HE	Properties of Thermally Evaporated SnO ₂ WOR Based Electron Transporting Layer for Perovskite Solar Cells with low-temperature annealing process
10P2-23	1081	Mr.	Rui		Tang	Others	Gachon University	Rui	Tang	High-quality Periodic-doped Lanthanum-modified Bismuth-titanate Thin Films Grown by RF Sputtering
10P2-05	1083	Prof.	Keiji		Nakamura	Chubu University		Keiji	Nakamura	Simulation of Inductively-Coupled Plasma Sources Employing Non-Axisymmetrically-located One-Turn Loop Antenna
10P2-24	1084	Prof.	Hiroharu	Hiroharu Kawasaki	Kawasaki	National Institute of Technology, Sasebo College		Hiroharu	Kawasaki	Trial of Thin film preparation for preventing hydrogen embrittlement using sputtering deposition method using powder target
10P2-25	1085	Prof.	Lichun		Chang	Ming Chi University of Technology		Li-Chun	Chang	Preparation and properties of SiCN diffusion barrier layer for Cu interconnect
10P2-26	1086	Mr.	RUI		HE	Gachon University		RUI	HE	The growth of SrMnO ₃ Films on the SrTiO ₃ Substrate by RF -Sputtering with Off-axis Angle
10P2-27	1088	Mr.	Sheng-Kai		Tong	National Taipei University of Technology		Sheng-Kai	Tong	Ultraviolet induced switchable surface wetting behavior of textured ZnO films
10P2-06	1090	Prof.	Yasunori		Ohtsu	Saga University		Yasunori	Ohtsu	Development of rotational maze-shaped RF magnetron plasma for successful target utilization and the thin film preparation
10P2-28	1095	Dr.	Satoru		Kaneko	Kanagawa Institute of Industrial Science and Technology (KISTEC)		Satoru	Kaneko	Graphitic spheric ball and thin film growth in oxygen atmosphere by pulsed laser deposition

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10P2-29	1099	Prof.	Yen-Sheng		Lin	I-Shou University		Yen-Sheng		Lin	Optimized the ultra-thin Al-doped ZnO layer using intermittent process to apply on Light Emitting Diode
10P2-30	1100	Prof.	Yen-Sheng		Lin	I-Shou University		Shih-Kun		Liu	Effect of TiO2 compact layer with different annealing temperatures on Dye-Sensitized Solar Cell
10P2-31	1103	Prof.	Yen-Sheng		Lin	I-Shou University		Joachim		Mayer	Study of threading strain from the interface between P-GaN and an annealed ITO layer to InGaN/GaN multiple quantum wells
10P2-32	1113	Dr.	Toru		Harigai	Toyohashi University of Technology		Toru		Harigai	Hydrogen content of hydrogenated tetrahedral amorphous carbon films by filtered arc deposition in hydrogen atmosphere
10P2-33	1123	Mr.	Yang	Chun	Huang	National Yunlin University of Science and Technology		Chun-Yang		Huang	Environmental Sensor Fabricated by MEMS Structure
10P2-34	1124	Mr.	Ta	Tsung	Chiang	National Yunlin University of Science and Technology		Tsung-Ta		Chiang	SnO2 gas sensor detecting sulfur dioxide for Industrial safety : using a Au nanoparticle structure
10P2-35	1133	Prof.	Shih-Nan		Hsiao	Nagoya University		Shih-Nan		Hsiao	Thickness dependent of crystallographic structure and magnetic properties in poly-crystalline FePd thin films
10P2-36	1134	Prof.	Shih-Yung		Huang	Da-Yeh University		Shih-Yung		Huang	Characterization of ZnGa2O4 Films Deposited on Different Substrates
10P2-07	1136	Mr.	Manh Hung		Chu	Nagoya University		Manh Hung		Chu	Temperature measurement of slot-plate in an atmospheric-pressure microwave linear plasma
10P2-37	1142	Prof.	Hiroshi		Akamatsu	Others	Kobe City College of Technology	Hiroshi		Akamatsu	Optical diagnostics of direct-type atmospheric pressure plasma device for metal organic plasma decomposition
10P2-38	1157	Mr.	Jo		Matsushima	Meijo University		Jo		Matsushima	Effect of pulse width on high power impulse magnetron sputtering for deposition of diamond-like carbon thin films
10P2-39	1167	Dr.	Sangmo		Kim	Gachon University		Kyung Hwan		Kim	Preparation and characteristics of photovoltaic devices with ITO film deposited by twin-magnetron sputtering
10P2-40	1169	Mr.	Aren Renz	Y.	Centeno	University of the Philippines-Diliman		Aren Renz		Centeno	Development of a Dual Target Sputtering System for the Deposition of Optical Coatings
10P2-41	1173	Prof.	Keigo		Takeda	Meijo University		Keigo		Takeda	Synthesis of zinc oxide thin film with mist chemical vapor deposition assisted by atmospheric pressure plasma jet
10P2-42	1181	Ms.	Kyla Marhee	M.	Puzon	University of the Philippines-Diliman		Lora Jose		Hernandez	Wettability, UV absorbance, and Antibacterial Properties of in-situ Synthesized Zinc Oxide on Cotton Fabric
10P2-43	1187	Prof.	Sin-Liang		Ou	Da-Yeh University		Sin-Liang		Ou	Characterization of Ga2O3 Thin Films by RF Magnetron Sputtering for Deep Ultraviolet Photodetector Applications
10P2-44	1189	Mr.	Masaya		Furuta	Gifu University		Masaya		MasayaFuruta	High-speed coating removal from rod-shaped objects by using MVP method assisted by thermionic emission filament
10P2-45	1204	Dr.	Kosuke		Takenaka	Osaka University		Kosuke		Takenaka	Effects of post-processing temperature on performance of IGZO TFTs fabricated with plasma-enhanced reactive processes
10P2-46	1205	Prof.	Yung-I		Chen	National Taiwan Ocean University		Yung-I		Chen	Mechanical Properties and Bonding Characteristics of Magnetron Sputtered ZrNx Films
10P2-47	1231	Prof.	Wei-Kai		Wang	Da-Yeh University		Wei-Kai		Wang	Annealing Effect on the Properties of ZnGa2O4 Thin Films by Magnetron Sputtering
10P2-08	1234	Prof.	Noriyasu		Ohno	Nagoya University		Noriyasu		Ohno	Nitrogen atom production in recombining plasmas of simple torus device
10P2-51	1246	Mr.	Ryota		Narishige	Kyushu University		Ryota		Narishige	Effects of substrates on the epitaxial growth of (ZnO) _x (InN) _{1-x} film
10P2-48	1251	Dr.	Vladislav	Anatolyevich	Gamaleev	Nagoya University		Vladislav		Gamaleev	Generation of Repulsing Glow Discharge in Centimeter Order Air Gaps
10P2-49	1258	Ms.	Jhoelle Roche	M.	Guhit	Doshisha University		Jhoelle Guhit		Guhit	Particle Emission From Metal Targets under Ion Beam Irradiation by Duoplasmatron Ion Source
10P2-52	1263	Mr.	Yuichi		Imai	STRAWB Inc.		Yuichi		Imai	NEXAFS evaluation for the lumen of DLC coated small diameter long-sized medical objective tube by using AC high-voltage burst plasma CVD method
10P2-50	1264	Dr.	Ryoki		Niwa	Shizuoka University		Ryoki		Niwa	Generation experiment of krypton laser sustained plasma using diode laser

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10P2-53	1274	Dr.	Magdalen o Jr	R	Vasquez	University of the Philippines-Diliman		Christlyn Faith	Arias	Synthesis of TiCN Thin Films using the Magnetized Sheet Plasma Source
10P2-54	1279	Mr.	Tzu-Hao		Huang	National Taipei University of Technology		Tzu-Hao	Huang	Tuning surface wettability of ZnO thin films by using GLAD method
10P2-55	1289	Prof.	Meng-Jiy		Wang	National Taiwan University of Science and Technology		Chia-Hua	Liu	Grafting PEG Antifouling Functionality using Atmospheric Pressure Plasma for Biomedical Applications
10P2-56	1290	Dr.	Sih-Sian		Li	Others	Kun Shan University	Sih-Sian	Li	Improvement of Device Performance and High Crystal Quality in N-doped ZnO Resistive Memory via utilizing the Nitrogen Reactive Gas Process