

NO	Title	Author	Country
O-01	The Development of Health-centric Lighting and Its Standardization	Mou Tongsheng	China
O-02	Study on emotion response depending on radiation angle type and direction of LED	Kook Hyeung keun	Korea
O-03	Human Centric Lighting and Healthy Smart Lighting	Hu Tao	China
O-04	Experimental study of lighting in CICU based on visual and emotional needs	Xu Junli	China
O-05	Application of tenon and mortise structure in landscape lighting	Sun Xiaohong	China
O-06	Residential Lighting with Japanese and Chinese Aesthetic Consciousness	Xinyi Feng	Japan
O-07	How to Express the Chinese Original Color Elements in Lighting Show Design	Li Guang	China
O-08	Pilot Study on Quantification of the Ancient Architectural Color Paintings	Yao Qi	China
O-09	Indoor Localization based on Full Color LED Lighting Fixtures	Reo Umeda	Japan
O-10	Investigation of how chromaticity alone affects color preference	Wei Minchen	China , HK
O-11	Immersive experience increases eye blinks in virtual reality games.	Motoharu Takao	Japan
O-12	Temporal Contrast Sensitivity Function During Saccadic Eye Movement	Lee Chan-Su	Korea
O-13	Effects of light colors on visual fatigue in VDT works	Norio Uchida	Japan
O-14	High Power Laser Light Source for Medical Imaging	Feroza Begum	Brunei
O-15	Visibility evaluation using LED lamps and artificial yellow dust environment	Pak Hyensou	Korea
O-16	A study of visual comfort metrics in offices under daylight condition in south China	Bian Yu	China
O-17	The Relationship Between Light Distributions and Office Workers' Health: A Pilot Study in Thailand	Fernando Monge	Thailand
O-18	The image performance optimization of the LED display under ice rink mapped with overhead projector	Jang Jaehyeon	Korea
O-19	Reference Building Model for School Gym daylighting in Beijing-Tianjin Region	Yang Di	China
O-20	An Accuracy Evaluation of a Calculation Algorithm for the Indoor Luminous Environment using Spectral Reflectance	Kim In-Tae	Korea
O-21	A Study on Time Elapse Change of Tunnel Road and Wall Reflectance	Yoo Seongsik	Korea
O-22	Visibility Change by Car Headlights in Various Road Lighting Conditions	Kang Ho-seok	Korea
O-23	Development of Tunnel Warning Light	Shota Yano	Japan
O-24	The effect of illuminance on the appearance of a moving ball in sports.	Yuki Hata	Japan
O-25	Mobile methods of rated road lighting parameters (luminance and illuminance) measurement	Mikhail Fedorishchev	Russia
O-26	A Study on Realizing High Rate Wireless IoT Network Using WiFi PHY Layer Supporting Realtime Response for Lighting Control System	Lim Youngtaik	Korea
O-27	Power Consumption Reduction Effect of the Intelligent Lighting Systems	Ryoto Tomioka	Japan
O-28	Light environment evaluation under different orders and speeds	Noriko Umemiya	Japan
O-29	Extremely Low Loss LMA Microstructure Light Guide	S M ABDUR RAZZAK	Bangladesh