

Poster Number	Name of Presenter (Affiliation)	Title or topic of Poster Presentation
PO1	<b>Jin Hee Lee</b> (Sejong University)	A rate equation model for the energy transfer mechanism of novel multi-color emissive phosphor, $\text{Ca}_{1.624}\text{Sr}_{0.376}\text{Si}_5\text{O}_3\text{N}_6:\text{Eu}^{2+}$
PO2	<b>Jin Hee Lee</b> (Sejong University)	Prompt phase identification and quantification of multiphase inorganic compounds for phosphor discovery
PO3	<b>Zhen Bao</b> (Taiwan University)	Ligand Assisted Assembly Room-Temperature Synthesis of $\text{CsPbBr}_3$ Perovskite Quantum Dots for Light-Emitting Diodes
PO4	<b>Chunyan Cao</b> (Xiamen University of Technology)	$\text{Eu}^{3+}$ doped Lutetium molybdenum oxides: synthesis, optical properties, thermal behavior, and LED packaging
PO5	<b>Luyu Cao</b> (Sun Yat-Sen University)	Super-Hydrophobic Cesium Lead Halide Perovskite Quantum Dots-Polymer Composites with High Stability and Luminescent Efficiency for Wide Color Gamut White Light-Emitting Diodes
PO6	<b>Yaxin Cao</b> (Lanzhou University)	Tunable white light of multi-cation-site $\text{Na}_2\text{BaCa}(\text{PO}_4)_2$ : Eu, Mn phosphor: synthesis, structure and PL/CL properties
PO7	<b>Mengyu Chang</b> (Guangzhou Medical University)	A Multifunctional Cascade Bioreactor Based on Hollow Structured $\text{Cu}_2\text{MoS}_4$ for Synergetic Cancer Chemo-Dynamic Therapy / Starvation Therapy / Phototherapy / Immunotherapy with Remarkably Enhanced Efficacy
PO8	<b>Da Chen</b> (University of Science and Technology Beijing)	Crystal Structure and Optical Properties of Organic-inorganic Hybrid Metal Halides: $(\text{PMA})_3\text{MBr}_6$ (M = Bi, Sb and In)
PO9	<b>Dongxun Chen</b> (Shandong University)	Controlled Synthesis and Upconversion Luminescence Properties of $\text{Yb}^{3+}/\text{Er}^{3+}$ Co-doped $\text{Bi}_2\text{O}_3$ Nanospheres
PO10	<b>Yan Chen</b> (Wuyi University)	A Single Host Phosphor $\text{CaSiO}_3:\text{Eu}^{2+}$ , $\text{Mn}^{2+}$ with Good Monodispersity for Phosphor-converted White LEDs
PO11	<b>Yanhong Chen</b> (Jiangxi Normal University)	Preparation and Biological Application of Rare Earth Targeted Coordination Polymer Photothermal Composites
PO12	<b>Yuhua Chen</b> (Northwest University)	Enhancement of Hydrolytic Stability of $\text{NaBiF}_4$ : $\text{Yb}^{3+}/\text{Er}^{3+}$ Up-conversion Nano-spheres by Esterification
PO13	<b>Ziyong Cheng</b> (Changchun Institute of Applied Chemistry, CAS)	The application of Thiol-Ene Click Reaction for Surface Functionalization of Colloidal Nanocrystals
PO14	<b>Seung Hee Choi</b> (Sungkyunkwan University (SKKU))	Rapid room-temperature production of narrow green-emitting $\text{Cs}_4\text{PbBr}_6$ perovskite for display application
PO15	<b>Min Cui</b> (Qingdao University)	An abnormal yellow emission and temperature-sensitive properties for perovskite-type $\text{Ca}_2\text{MgWO}_6$ phosphor via cation substitution and energy transfer
PO16	<b>Sanchuan Cui</b> (Guilin University of Electronic Technology)	Enhanced up-conversion luminescence and optical thermometry characteristics of $\text{Er}^{3+}/\text{Yb}^{3+}$ co-doped P-B-Sr-K glass and transparent glass ceramics
PO17	<b>Tiansong Dai</b> (Guangdong University of Technology)	Novel yellow color emitting $\text{BaY}_2\text{O}_4:\text{Dy}^{3+}$ phosphors: Persistent luminescence from blue to red
PO18	<b>Peipei Dang</b> (Changchun Institute of Applied Chemistry, CAS)	Multichannel photoluminescence tuning in Eu-doped apatite phosphors: solid solution, energy transfer and valence mixing
PO19	<b>Chenkai Deng</b> (University of Science and Technology Beijing)	Structure and Optical Properties of 2D Organic-inorganic Hybrid Perovskites: $(\text{C}_7\text{H}_{13}\text{N}_2)\text{PbBr}_4$ and $(\text{C}_9\text{H}_{22}\text{N}_2)\text{PbBr}_4$
PO20	<b>Tingting Deng</b> (South China University of Technology)	Implementation of high color quality, high luminous warm WLED using efficient and thermally stable red-emitting $\text{Rb}_3\text{AlF}_6:\text{Mn}^{4+}$
PO21	<b>Binbin Ding</b> (Changchun Institute of Applied Chemistry, CAS)	$\text{MnO}^{2\oplus}$ Disguised Upconversion Hybrid Nanocomposite for TME-Triggered UCL/MR Imaging and Enhanced CDT
PO22	<b>Quan Dong</b> (Jiangxi University of Science and Technology)	A Narrow-band Ultra-bright Green Phosphor for LED-based Applications
PO23	<b>Hongli Du</b> (Hunan University)	$\text{SrAl}_2\text{O}_4:\text{Eu}^{2+}$ , $\text{Dy}^{3+}$ persistent nanophosphor prepared by Pulsed Laser Ablation in Liquid (PLAL)
PO24	<b>Kaimin Du</b> (Changchun Institute of Applied Chemistry, CAS)	Simultaneous phase/shape control synthesis of $\text{NaYF}_4:\text{Yb}/\text{Er}/\text{Cu}$ nanocrystals and their application in temperature sensing
PO25	<b>Peng Du</b> (Ningbo University)	Synthesis and photoluminescence properties of $\text{Eu}^{3+}$ -activated $\text{NaGdF}_4$ nanorods for white light-emitting diodes
PO26	<b>Yong Fan</b> (Fudan University)	Unlocking multiplexed in vivo imaging using lifetime-engineered NIR-II nanoparticles
PO27	<b>Zhaohui Fang</b> (Kunming University of Science and Technology)	Optical thermometry properties of silicate glass ceramics with dual-phase for spatial isolation of $\text{Er}^{3+}$ and $\text{Cr}^{3+}$
PO28	<b>Zhengkun Fu</b> (Dalian University of Technology)	Controlled Multichannel Surface Plasmon Polaritons Transmission on Atomic Smooth Silver Triangular Waveguide
PO29	<b>Weijiang Gan</b> (Sun Yat-Sen University)	Nanocomposites of $\text{CsPbBr}_3$ perovskite nanocrystals in an ammonium bromide framework with enhanced stability
PO30	<b>Dangli Gao</b> (Xi' An University of Architecture and Technology)	Tuning local luminescence patterns on single fluoride microcrystals via in situ oxidation through laser irradiation
PO31	<b>Yifan Gao</b> (Sun Yat-Sen University)	Large Mesoporous Nanoparticles $\text{MSNs}@\text{ZnGa}_2\text{O}_4:\text{Cr}^{3+}/\text{Sn}^{4+}$ As Multifunctional Nanoplatform For Bioimaging And Chemotherapy
PO32	<b>Simin Gu</b> (Hunan Agricultural University)	Tunable emission properties of $\text{Mn}^{4+}$ -doped $\text{SrMgAl}_{10-x}\text{Ga}_x\text{O}_{17}$ red phosphor for plant growth LED lights
PO33	<b>Yuyang Gu</b> (Fudan University)	Luminescence lifetime-based sensing and imaging of lanthanide doped nanocrystals
PO34	<b>Xin Guo</b> (South China Normal University)	The study on the decay time in upconversion luminescence and fast laser-scanning microscopic imaging
PO35	<b>Yue Guo</b> (Wuyi University)	Design and analysis the complexity of multicenter photoluminescence in Eu-activated phosphor for LED application
PO36	<b>Jin Han</b> (Central South University of Forestry and Technology)	Redefinition of Crystal Structure and $\text{Bi}^{3+}$ Yellow Luminescence with Strong Near-Ultraviolet Excitation in $\text{La}_3\text{BWO}_9:\text{Bi}^{3+}$ Phosphor for White LEDs
PO37	<b>Qingyan Han</b> (Xi'an University of Post & Telecommunications)	Facile synthesis of $\text{NaYF}_4$ : $\text{Eu}^{3+}$ microwires with their mechanism of stark splitting by monitoring time-resolved photoluminescence spectroscopy at high temperature
PO38	<b>Xinxin Han</b> (South China University of Technology)	Color Tunable Upconversion Luminescent Perovskite Fluoride with Long-/Short-Lived Emissions Toward Multiple Anti-counterfeiting
PO39	<b>Enjie He</b> (Anhui Science and Technology University)	Upconversion luminescence quenching mechanism of single Au nanoparticles decorated $\text{NaYF}_4$ : $\text{Yb}^{3+}$ , $\text{Er}^{3+}$ hexagonal disk
PO40	<b>Jin He</b> (Guangzhou University)	Photoluminescence and thermal stability of $\text{Tb}^{3+}$ -doped $\text{K}_4\text{SrSi}_3\text{O}_9$ phosphor with electron transition mechanisms
PO41	<b>Mengting He</b> (Zhejiang University)	Micron size spherical red phosphor sintered glass-ceramics for white LD lighting
PO42	<b>Miao Hou</b> (Hunan Normal University)	Photoluminescence Properties and Synthesis of Pr-Doped (Ca,Sr,Ba)TiO <sub>3</sub> Submicrospheres
PO43	<b>Tao Hu</b> (South China University of Technology)	Aliovalent Substitution Toward Reinforced Structural Rigidity in $\text{Ce}^{3+}$ -Doped Garnet Phosphors Featuring Improved Performance

PO44	<b>Yanqing Hu</b> ( <i>Southeast University</i> ) Temperature-responsive multicolor emissions of Core/Shell Upconversion Nanocrystal Hybrids for anticounterfeiting applications
PO45	<b>Dayu Huang</b> ( <i>Changchun Institute of Applied Chemistry, CAS</i> ) Luminescence and Energy Transfer Properties in Bi <sup>3+</sup> /Mn <sup>4+</sup> Co-doped Ba <sub>2</sub> GdNbO <sub>6</sub> Double-Perovskites Phosphors for WLEDs
PO46	<b>Hao Huang</b> ( <i>Guangdong University of Technology</i> ) Synthesis and Photoelectric Properties of All-Inorganic Perovskite Quantum Dots
PO47	<b>Lu Huang</b> ( <i>Shanghai Jiao Tong University</i> ) Sacrificial Oxidizing of Self-Metal Source for the Rapid Growth of Metal Oxides on Quantum Dots towards Improving Photostability
PO48	<b>Xiongjian Huang</b> ( <i>South China University of Technology</i> ) All-solid-state CsPbBr <sub>3</sub> quantum dot-doped glass fibers
PO49	<b>Xuejie Zhang</b> ( <i>South China Agricultural University</i> ) Perovskite quantum dots, glass ceramic
PO50	<b>Haipeng Ji</b> ( <i>Henan Polytechnic University</i> ) High Photon Energy and Ultra-broadband Luminescence of Mn <sup>4+</sup> -Doped Spinel Red Phosphor for Warm White LED
PO51	<b>Junjie Jia</b> ( <i>Jiangxi University of Science and Technology</i> ) Effect of the double-site substitution of M <sup>2+</sup> -Si <sup>4+</sup> for Y <sup>3+</sup> -Al <sup>3+</sup> on the luminescence and sintering properties of Ce <sup>3+</sup> doped Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub>
PO52	<b>Fan Jiang</b> ( <i>Changchun Institute of Applied Chemistry, CAS</i> ) Highly Toxic Reactive Oxygen Species by Iron Oxide Nanocarrier for Efficient Codelivery of Cantharidin and Platinum drug (IV) prodrug
PO53	<b>Jianxi Ke</b> ( <i>Fujian Institute of Research on the Structure of Matter</i> ) A Strategy of NIR Dual-Excitation Upconversion for Ratiometric Intracellular Detection
PO54	<b>Koji Kidokoro</b> ( <i>Keio University</i> ) Investigation on Self-Recovery of Photodegraded Perovskite CsPbBr <sub>3</sub> Nanocrystals
PO55	<b>Bo Young Kim</b> ( <i>Korea photonics technology institute</i> ) Enhanced water-resistance of encapsulated CsPbBr <sub>3</sub> perovskite nanocrystal for next-generation displays
PO56	<b>Dorim Kim</b> ( <i>Pukyong National University</i> ) Na <sub>3</sub> Eu(PO <sub>4</sub> ) <sub>2</sub> orthophosphate phosphor: An efficient red phosphor for warm white light emitting diodes
PO57	<b>Ha Jun Kim</b> ( <i>Hanyang University</i> ) Luminescence properties of ternary solid-solution among tetragonal systems
PO58	<b>Sun Woog Kim</b> ( <i>Korea Institute of Ceramic Engineering and Technology</i> ) Development of green-emitting phosphor in glass for high power white LED and LD lighting system applications
PO59	<b>Yuuki Kitagawa</b> ( <i>Kyoto University</i> ) Intense hypersensitive luminescence of Eu <sup>3+</sup> in distorted sites with mixed-anion coordination excitable by near-UV
PO60	<b>Mengya Kong</b> ( <i>Fudan University</i> ) In vivo bio-sensing with lifetime-tunable nanocomposite
PO61	<b>Seok Bin Kwon</b> ( <i>Sungkyunkwan University</i> ) Effect of Functional Materials Addition on Luminous Characteristics of YAG:Ce <sup>3+</sup> Ceramic Plates
PO62	<b>Ying Lan</b> ( <i>Shanghai University</i> ) Controlled Generation of Nitric Oxide by NIR-Sensitized Upconversion Nanoparticles to Enhance Photodynamic Therapy
PO63	<b>Chao Li</b> ( <i>Henan University</i> ) Novel Yellow-Emitting Nitride Phosphor Ca <sub>8</sub> Mg <sub>7</sub> Si <sub>9</sub> N <sub>22</sub> :Ce <sup>3+</sup> for Warm-White Light-Emitting Diodes
PO64	<b>Dongyu Li</b> ( <i>Lingnan Normal University</i> ) Blue quantum dot light-emitting diodes with high luminance by improving the charge transfer balance
PO65	<b>Gui-Hua Li</b> ( <i>Central South University</i> ) Modification and color control of borate phosphor NaBa <sub>1-x</sub> K <sub>x</sub> B <sub>9</sub> O <sub>15</sub> : Eu <sup>2+</sup> /Eu <sup>3+</sup>
PO66	<b>Li Li</b> ( <i>Chongqing University of Posts and Telecommunications</i> ) A double perovskite LiLaMgTeO <sub>6</sub> : Mn <sup>4+</sup> far-red phosphor for indoor plant cultivation white LEDs: Crystal and Electronic Structure, and Photoluminescence properties
PO67	<b>Lihua Li</b> ( <i>South China University of Technology</i> ) Efficient Blood-Brain Barrier Crossing and Mimicking Redox Nanozyme for Parkinson's Disease Treatment based on Au-Bi <sub>2</sub> Se <sub>3</sub> Nanoparticles
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PO69	<b>Yong Li</b> ( <i>Shanghai University</i> ) Novel nano-therapeutic agent based on mesoporous carbon for tumor therapy
PO70	<b>Hongzhou Lian</b> ( <i>Changchun Institute of Applied Chemistry, CAS</i> ) A deep-red-emitting Bi <sup>3+</sup> /Mn <sup>4+</sup> -doped CaLi <sub>6</sub> La <sub>2</sub> Nb <sub>2</sub> O <sub>12</sub> Phosphor: luminescence and energy transfer properties
PO71	<b>Huiwang Lian</b> ( <i>Guangdong University of Technology</i> ) Heterogeneous Interfacial Thermal Metamorphosis Sponsoring Thermotolerance for Inorganic Perovskite-Solids and High-power White-light LED Application
PO72	<b>Shuang Liang</b> ( <i>Changchun Institute of Applied Chemistry, CAS</i> ) Pt-CuS Janus for Synergistic Sonodynamic and Photothermal Cancer Therapy
PO73	<b>Yanjie Liang</b> ( <i>Shandong University</i> ) Extending the applications for lanthanide ions: efficient emitters in short-wave infrared persistent luminescence
PO74	<b>Jinsheng Liao</b> ( <i>Jiangxi University of Science and Technology</i> ) First observation of mutual energy transfer of Mn <sup>4+</sup> -Er <sup>3+</sup> via different excitation in Gd <sub>2</sub> ZnTiO <sub>6</sub> :Mn <sup>4+</sup> /Er <sup>3+</sup> phosphors
PO75	<b>Zifeng Liao</b> ( <i>Guangdong University of Technology</i> ) None-Rare-Earth Near Infrared Emission SrAl <sub>2</sub> O <sub>4</sub> :Mn <sup>5+</sup> Phosphor
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PO79	<b>Dongjie Liu</b> ( <i>Changchun Institute of Applied Chemistry, CAS</i> ) Discovery and photoluminescence control of Bi <sup>3+</sup> ,Eu <sup>3+</sup> doped-(Sr,Ba) <sub>2</sub> LaGaO <sub>5</sub> solid solution phosphors: site occupancy and energy transfer
PO80	<b>Limin Liu</b> ( <i>Guilin University of Electronic Technology</i> ) Structure and optical properties of Yb <sup>3+</sup> /Er <sup>3+</sup> /Nd <sup>3+</sup> co-doped fluoroapatite glass-ceramics
PO81	<b>Longhai Liu</b> ( <i>Hunan Agricultural University</i> ) Enhance the luminescence properties of Ca <sub>14</sub> Al <sub>10</sub> Zn <sub>6</sub> O <sub>35</sub> : Ti <sup>4+</sup> phosphor via cation vacancies engineering of Ca <sup>2+</sup> and Zn <sup>2+</sup>
PO82	<b>Ping Liu</b> ( <i>Tsinghua University</i> ) All-Inorganic Lead-free 2D layered Cs <sub>3</sub> Sb <sub>2</sub> Cr <sub>3</sub> Perovskite Single Crystals for UV light Photodetector Application
PO83	<b>Songbin Liu</b> ( <i>South China University of Technology</i> ) Photon Emission in Lithium-based Core-shell Nanoparticles for Multiple Anti-counterfeiting
PO84	<b>Xiaolang Liu</b> ( <i>University of Science and Technology Beijing</i> ) Persistent luminescence in (Sr,Ca)AlSiN <sub>3</sub> :Eu <sup>2+</sup> and Sialon:Eu <sup>2+</sup> phosphors
PO85	<b>Xiaoming Liu</b> ( <i>Nanchang Hangkong University</i> ) Carbon Quantum Dots-Sensitized and Tunable Luminescence of Ca <sub>19</sub> Mg <sub>2</sub> (PO <sub>4</sub> ) <sub>14</sub> :Ln <sup>3+</sup> (Ln <sup>3+</sup> = Eu <sup>3+</sup> and/or Tb <sup>3+</sup> ) Nanocrystalline Phosphors with Abundant Colors Via a Sol-Gel Process
PO86	<b>Xueyun Liu</b> ( <i>Ningbo University</i> ) Tunable white upconversion emission in Yb <sup>3+</sup> /Mn <sup>2+</sup> /Tm <sup>3+</sup> tri-doped transparent glass ceramics
PO87	<b>Yijia Liu</b> ( <i>Central South University</i> ) Structure and luminescence properties of multicolor phosphors with excellent thermal stability based on a new phosphate Ba <sub>3</sub> In <sub>4</sub> (PO <sub>4</sub> ) <sub>6</sub>
PO88	<b>Yuan Liu</b> ( <i>Tsinghua University</i> ) Environmentally benign alternative CuInS <sub>2</sub> /ZnS quantum dots for high response photodetectors

PO89	<b>Bibo Lou</b> ( <i>University of Science and Technology of China</i> ) First-principles study of the site occupancy and excitation spectra of luminescent material $\text{Na}_3\text{LuSi}_2\text{O}_7:\text{Ce}^{3+}$
PO90	<b>Sunqi Lou</b> ( <i>Sun Yat-Sen University</i> ) Chemical Transformation of Lead Halide Perovskite to Insoluble, Low Cytotoxic and Brightly Luminescent $\text{CsPbBr}_3/\text{CsPb}_2\text{Br}_5$ Composite Nanocrystals for Cell Imaging
PO91	<b>Chaoping Lu</b> ( <i>Qingdao University</i> ) Upconversion luminescence in transparent $\text{Pr}^{3+}/\text{Yb}^{3+}$ co-doped $0.75\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3-0.25\text{PbTiO}_3$ ferroelectric ceramics for temperature sensing and optical heating
PO92	<b>Wei Lü</b> ( <i>Dongguan University of Technology</i> ) Energy transfer from $\text{Ce}^{3+}$ to $\text{Tb}^{3+}/\text{Dy}^{3+}/\text{Mn}^{2+}$ in $\text{Ca}_9\text{Ga}(\text{PO}_4)_7$ phosphors: synthesis, structure and tunable multicolor luminescent properties
PO93	<b>Yang Lv</b> ( <i>Guangdong University of Technology</i> ) A novel all-optical ratiometric thermometer based on reverse thermal response from interplay among diverse emission centers and traps with high temperature sensitivity and potential applications
PO94	<b>Ping'an Ma</b> ( <i>Changchun Institute of Applied Chemistry, CAS</i> ) $\text{MnFe}_2\text{O}_4$ -decorated large-pore mesoporous silica-coated UCNPs for $\text{O}_2$ self-sufficient photodynamic therapy
PO95	<b>Zhipeng Meng</b> ( <i>Dalian University of Technology</i> ) External current-controlled dynamic display and enhanced emission by integrating upconversion materials with photonic crystals into NIR luminescent diodes
PO96	<b>Shimpei Miyata</b> ( <i>Faculty of Science and Technology</i> ) Comparison of Photoluminescence Properties of Perovskite $\text{CsPb}(\text{Br}_{1-x}\text{I}_x)_3$ Nanocrystals Prepared by Hot-Injection and Anion-Exchange Methods
PO97	<b>Yuto Nakamura</b> ( <i>Faculty of Science and Technology</i> ) Application of Fluorescent Films of $\text{CuInS}_2/\text{ZnS}$ Quantum Dots to Monocrystalline Silicon Solar Modules
PO98	<b>Takayuki Nakanishi</b> ( <i>Tokyo University of Science</i> ) Triboluminescence properties of lanthanide coordination polymer crystal
PO99	<b>Haijie Guo</b> ( <i>Lanzhou University</i> ) Engineering the band gap and electronic trap distribution in $\text{Ba}_2\text{Zr}_2\text{Si}_3\text{O}_{12}:\text{Eu}^{2+}, \text{Nd}^{3+}$ via partial substitution of the host lattice cation $\text{Zr}^{4+}$ by $\text{Hf}^{4+}$
PO100	<b>Yuexiao Pan</b> ( <i>Wenzhou University</i> ) A red phosphor of seven-coordinated $\text{Mn}^{4+}$ ions doped tridecafluorodizirconate $\text{Na}_5\text{Zr}_2\text{F}_{13}$ for warm WLEDs
PO101	<b>Sangmoon Park</b> ( <i>Silla University</i> ) Facile synthesis methods for fluoride phosphors and their interesting up-conversion properties
PO102	<b>Young Ji Park</b> ( <i>Korea Institute of Ceramic Engineering and Technology</i> ) Development of high luminous efficacy red-emitting phosphor in glass for high-power LED lighting system
PO103	<b>Rui Pu</b> ( <i>South China Normal University</i> ) Modulating the excitation saturation in upconversion nanoparticles for sub-diffraction super-resolution microscopy
PO104	<b>Benfu Qian</b> ( <i>Jilin University</i> ) Solvothermal synthesis of columnar $\text{Gd}_2\text{O}_2\text{S}:\text{Eu}^{3+}$ and a comparative study with columnar $\text{Gd}_2\text{O}_3:\text{Eu}^{3+}$
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PO106	<b>Zhongxian Qiu</b> ( <i>Hunan Normal University</i> ) Anion vacancy defect-related luminescence in apatite compounds
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PO110	<b>Rina Sato</b> ( <i>Keio University</i> ) Improved Red Photoluminescence of p-Phenylenediamine-Derived Carbon Dot Dispersions by Optimizing Reaction Time and Solvents
PO111	<b>Anant A. Setlur</b> ( <i>GE Global Research</i> ) $\text{Mn}^{4+}$ -doped Complex Fluoride Phosphors- Status and Outlook
PO112	<b>Baiqi Shao</b> ( <i>Changchun Institute of Applied Chemistry, CAS</i> ) Novel Topotactic Transformation Route Towards $\text{YOF}:\text{Ln}^{3+}$ Microcrystals with Multi-color Emissions
PO113	<b>Qiufeng Shi</b> ( <i>Taiyuan University of Technology</i> ) Temperature dependent energy transfer in $\text{Ce}^{3+}$ - $\text{Yb}^{3+}$ codoped dipotassium yttrium fluoride
PO114	<b>Seungyong Shin</b> ( <i>Silla University</i> ) Green-light enhancement in barium boron-oxyfluoride host structure
PO115	<b>Jiayong Si</b> ( <i>Central South University of Forestry &amp; Technology</i> ) Enhanced quantum efficiency and thermal stability in tunable yellow-emitting $\text{Sr}_x\text{Ca}_{1-x}\text{AlSiN}_3:\text{Ce}^{3+}$ phosphor
PO116	<b>Shuaichen Si</b> ( <i>Sun Yat-sen University</i> ) A novel $\text{Mn}^{4+}$ doped red-emitting phosphor-in-glass (PiG) used in warm white lighting sources and display
PO117	<b>Christiane Stoll</b> ( <i>Universität Innsbruck</i> ) $\text{Mn}^{4+}$ doped oxyfluoride phosphors by solid-state synthesis
PO118	<b>Yue Su</b> ( <i>Guangdong University of Technology</i> ) A dual-mode optical thermometry platform based on flexible 3D micro-rod arrays embedded with $\text{LiTaO}_3:\text{Ti}^{4+}, \text{Eu}^{3+}$ : high-sensitive temperature sensing and multi-dimensional anti-counterfeiting
PO119	<b>Kazuhiro Taki</b> ( <i>Keio University</i> ) Photostability of EVA Composite Films Embedding Silica-Coated $\text{CsPbBr}_3$ Perovskite Nanocrystals
PO120	<b>Ryo Tanaka</b> ( <i>Niigata University</i> ) High Concentration $\text{Dy}^{3+}$ Co-doped $\text{SrAl}_2\text{O}_4:\text{Eu}^{2+}$ Synthesized by Melt Quenching Technique
PO121	<b>Shuyu Tian</b> ( <i>Kunming University of Science and Technology</i> ) Red Photo-stimulated luminescence from deep traps of $\text{BaZrGe}_3\text{O}_9:\text{Pr}^{3+}$ for optical imaging application
PO122	<b>Zifeng Tian</b> ( <i>Y LX Incorporated</i> ) Analysis of Luminescence Saturation Mechanism of Robust $\text{Lu}_3\text{Al}_5\text{O}_{12}:\text{Ce}^{3+}$ Phosphor for Next Generation Solid State Laser Lighting Source
PO123	<b>Wang Yanxing</b> ( <i>Xidian University</i> ) Plasmonic modulated upconversion fluorescence by adjustable distributed gold nanoparticles
PO124	<b>Caiyan Wang</b> ( <i>Shanghai Institute of Ceramics, CAS</i> ) Enhanced optical information storage capability by $\text{Nd}^{3+} - \text{Eu}^{3+}$ co-doping in $\text{Sr}_2\text{SnO}_4$ host
PO125	<b>Chenchen Wang</b> ( <i>China University of Geosciences</i> ) Structure and luminescence properties of a reddish-orange apatitetype phosphor $\text{NaLa}_{9-x}(\text{SiO}_4)_6\text{O}_2:\text{xSm}^{3+}$
PO126	<b>Jindi Wang</b> ( <i>Qingdao University</i> ) Realizing a dazzling red-emitting phosphor $\text{Ca}_9\text{MnNa}(\text{PO}_4)_7$ via Micro-doping based on Structural Confinement effect
PO127	<b>Meifang Wang</b> ( <i>Changchun Institute of Applied Chemistry, CAS</i> ) Azo Initiator Loaded Black Mesoporous Titania with Multiple Optical Energy Conversion for Synergetic Cancer Therapy
PO128	<b>Shuxin Wang</b> ( <i>University of Science and Technology Beijing</i> ) Relationship of Stokes shift with composition and structure in $\text{Ce}^{3+}/\text{Eu}^{2+}$ -doped inorganic compounds
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