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50. Sirous Khabbaz Abkenar, Andraž Kocjan, Zoran Samardžija, Mattia Fanetti, Arzu Coşgun Ergene, Sašo Šturm, Meltem Sezen, **Cleva W. Ow-Yang**, "[Effect of Sintering and Boron Content on Rare Earth Dopant Distribution in Long Afterglow Strontium Aluminate](#)," *Journal of the European Ceramic Society* (2020) DOI: [10.1016/j.jeurceramsoc.2020.04.048](#)
49. Tomáš Roch, Lukáš Šimurka, **Cleva W. Ow-Yang**, Meltem Sezen, Leonid Satrapinskyy, Tuncay Turutoğlu, "[Periodic density fluctuations in sputtered aluminum-doped silicon oxynitride layers](#)," *International Journal of Applied Glass Science* **11** (1), 207-214 (2020). DOI: [10.1111/ijag.13616](#)
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45. Guliz İnan Akmeahmet, Sašo Šturm, Matej Komelj, Zoran Samardžija, Bojan Ambrozic, Meltem Sezen, Miran Čeh, **Cleva W. Ow-Yang**, "[Origin of long afterglow in strontium aluminate phosphors: Atomic scale imaging of rare earth dopant clustering](#)" *Ceramics International* **45**(16), 20073-20077 (2019). DOI: [10.1016/j.ceramint.2019.06.271](#)
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Selected Presentations:

1. H. Kurt, J. Jia, Y. Shigesato, C.W. Ow-Yang, "Tuning Charge Collection Efficiency at the Transparent Conductive Electrode in Polymer Photovoltaics with Solution-Processed LiF," at the [20th International Conference on Solid State Ionics \(SSI-20\)](#) in Keystone, Colorado, USA, 15th June, 2015.
2. C.W. Ow-Yang, G. Inan Akmeahmet, F.E. Demirer, M. Sezen, S. Sturm, B. Ambrozic, M. Gec, L. Bocher, M. Kociak, "Elucidating the Role of Boron in Extending Persistence in Eu²⁺, Dy³⁺ co-doped Sr₄Al₁₄O₂₅ by Cathodoluminescence, STEM-EDXS, and Electron Diffraction," at the [1st Slovene Microscopy Symposium \(SDM 2015\)](#) in Piran, Slovenia, 18th May, 2015.
3. C.W. Ow-Yang, G. Inan Akmeahmet, L. Bocher, M. Kociak, S. Sturm, "Nanoscale Spatially Resolved Cathodoluminescence for Investigating Eu²⁺ and Dy³⁺ Co-doped with Boron in Strontium Aluminate Long Persistence Phosphors," [Materials Research Society 2015 Spring Meeting](#) in San Francisco, CA, 8th April, 2015.
4. G. Ince, A. Tufani, H. Kurt, H.E. Baysal, C.W. Ow-Yang, "Transfer Printing Arrays of Gold Plasmonic Nanoparticles by Thermo-Sensitive pNIPAAm for Integration into Organic Photovoltaics," at the Materials Research Society 2016 Spring Meeting, Phoenix, Arizona, USA on 1st April, 2016.
5. C.W. Ow-Yang, G. Inan Akmeahmet, S. Šturm, L. Bocher, M. Kociak, B. Ambrožič, "Elucidating Origins of Extended Persistence in Strontium Aluminate Phosphors for the Energy-Efficient Materials Toolbox," at The 5th International Symposium on Advanced Oxide Thin Films for Information and Environmental Technologies, Aoyama Gakuin University, Sagamihara, Japan, October 22nd, 2015

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6. C.W. Ow-Yang, "Engineering the ITO Anode Interlayers in Air-processed Organic Photovoltaics," at [The 9th International Symposium on Transparent Oxide and Related Materials for Electronics and Optics](#) (TOEO-9) in Tskubua, Japan, October 20th, 2015
7. C.W. Ow-Yang, "Work Function Engineering of Transparent Conductive Electrodes at the Nanoscale," invited talk at MolChem, an International Symposium on Molecular Chemistry, Yıldız Technical University, Istanbul, Turkey, December 19th, 2014
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11. C.W. Ow-Yang, "Introduction to Transmission Electron Microscopy" tutorial at the [2nd International Surface Treatment Symposium \(ISTS 2014\)](#), Istanbul, Turkey, 25-27th June, 2014.
12. C.W. Ow-Yang, "Nanoscale investigations of work function engineering in polymer solar cells with solution-processed LiF," a seminar at the Stuttgart Center for Transmission Electron Microscopy, Stuttgart, Germany on 20th March 2014.
13. C.W. Ow-Yang, M. Ceh, G. Inan, S. Sturm, "Aberration-corrected probe determination of structure and chemistry of long-persistence strontium aluminate phosphors," at [PICO 2013, the 2nd Conference on Frontiers of Aberration Corrected Electron Microscopy](#), Vaals, Netherlands, 9-12th October, 2013.
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27. E. Alpaslan, H. Kurt, B. Yildiz, C.W. Ow-Yang, "¹H NMR relaxation study of poly-vinyl pyrrolidone adsorption in zinc oxide colloidal dispersions", American Chemical Society 2012 Spring Meeting; San Diego, California, USA; 25th-29th March, 2012.
28. C.W. Ow-Yang, T. Aytun, A. Turak, "Solution-processed LiF for Engineering the Work Function of Organic Photovoltaics", invited seminar, Koç University, Istanbul, Turkey; 1st December, 2011.
29. G. Inan, M.G. Eskin, V. Srot, P.A. van Aken, S. Sturm, C.W. Ow-Yang, "Characterizing the Local Environment in Strontium Aluminate Phosphor Compounds", 20th National Electron Microscopy Congress; Antalya, Turkey; 25th-28th October 2011.
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 36. A. V. Uluc, G. Tutuncuoglu, M. Tosun, V. Srot, P. A. van Aken, M. A. Gulgun, C. W. Ow-Yang, "Boron as the Key Instigator in Extending Phosphorescence in Eu²⁺ and Dy³⁺ co-doped Strontium Aluminate Compounds", Materials Research Society 2008 Fall Meeting, Boston, Massachusetts, USA, 1st-5th December 2008.
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 38. C.W. Ow-Yang, "Polymer Micelles as Nano-sized Reaction Chambers," invited talk at the 4th National Nanoscience and Nanotechnology Conference, Istanbul, Turkey, 9-13th June 2008.
 39. V. Uluç, V. Srot, A. Yurt, M. Tosun, G. Tutuncuoglu, M.A. Gulgun, P.A. van Aken and C.W. Ow-Yang, "Use of ELNES for Nanoscale Characterization of Phosphorescent Strontium Aluminate Compounds", 4th National Nanoscience and Nanotechnology Conference, Istanbul, Turkey, 9-13th June 2008.
 40. O. Mutaf, T. Aytun, A. Solmaz, O. El Atwani, C.W. Ow-Yang, "Towards Nanoscale Composition Mapping: Phase Imaging from Tapping Mode Atomic Force Microscopy," 4th National Nanoscience and Nanotechnology Conference, Istanbul, Turkey, 9-13th June 2008.
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 51. F. Uyar, A. Kamer, E.B. Gülsöy, H. Kurt, C. Öztürk, C.W. Ow-Yang, "Morphology of Colloidal ZnO Nanoparticles," Materials Research Society 2006 Spring Meeting, in San Francisco, California, USA, April 2006.
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 54. K. Acatay, E. Simsek, C.W. Ow-Yang, and Y. Menciloglu, "Generation of superhydrophobic surfaces by electrospinning process", 229th American Chemical Society National Meeting, March 13th-17th, 2005 in San Diego, California.
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