# Suzushi Nishimura

List of Publications by Year
in descending order

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|---|---|---|---|
| 57 papers | 2,906 citations | 257450 24 h-index | 175258 52 g-index |
| 58 all docs | 58 docs citations | 58 times ranked | 3299 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Polymerâ€Based Whiteâ€Lightâ€Emitting Electrochemical Cells with Very High Colorâ€Rendering Index Based on Blueâ€Green Fluorescent Polyfluorenes and Redâ€Phosphorescent Iridium Complexes. ChemPlusChem, 2018, 83, 463-469. | 2.8 | 19 |
| 2 | Lowâ€Cost, Organic Lightâ€Emitting Electrochemical Cells with Massâ€Producible Nanoimprinted Substrates Made Using Rollâ€toâ€Roll Methods. Advanced Materials Technologies, 2017, 2, 1600293. | 5.8 | 38 |
| 3 | Printed Electronics: Low-Cost, Organic Light-Emitting Electrochemical Cells with Mass-Producible Nanoimprinted Substrates Made Using Roll-to-Roll Methods (Adv. Mater. Technol. 5/2017). Advanced Materials Technologies, 2017, 2, . | 5.8 | 1 |
| 4 | High-color-rendering-index white polymer light-emitting electrochemical cells based on ionic host-guest systems: Utilization of blend films of blue-fluorescent cationic polyfluorenes and red-phosphorescent cationic iridium complexes. Organic Electronics, 2017, 51, 168-172. | 2.6 | 13 |
| 5 | Ag nanocluster-based color converters for white organic light-emitting devices. Journal of Applied Physics, 2017, 122, . | 2.5 | 15 |
| 6 | White Emission from Exciplex-Based Polymer Light-Emitting Electrochemical Cells. , 2017, , 267-286. | | 4 |
| 7 | Fabrication of White Light-emitting Electrochemical Cells with Stable Emission from Exciplexes. Journal of Visualized Experiments, 2016, , . | 0.3 | 2 |
| 8 | Effect of Ï€-Conjugated Polyelectrolyte on Performance of White Polymer Light-Emitting Diodes Based on Excitons and Exciplexes Having Long Intermolecular Distances. Journal of Physical Chemistry C, 2016, 120, 13976-13986. | 3.1 | 10 |
| 9 | White polymer light-emitting electrochemical cells using emission from exciplexes with long intermolecular distances formed between polyfluorene and Ï€-conjugated amine molecules. Journal of Applied Physics, 2015, 118, . | 2.5 | 18 |
| 10 | Pâ€127: Highly Efficient Light Extraction Technologies Applicable for Transparent OLED Lighting using a Corrugated Substrate. Digest of Technical Papers SID International Symposium, 2015, 46, 1643-1646. | 0.3 | 3 |
| 11 | White Polymer Light-Emitting Electrochemical Cells Fabricated Using Energy Donor and Acceptor Fluorescent Ï€-Conjugated Polymers Based on Concepts of Band-Structure Engineering. Journal of Physical Chemistry C, 2015, 119, 28701-28710. | 3.1 | 34 |
| 12 | Pâ€152: Highly Efficient Lightâ€Extraction Technologies for OLED Lighting Coupled to Corrugated Substrates and Designed Lens Arrays. Digest of Technical Papers SID International Symposium, 2014, 45, 1554-1557. | 0.3 | 2 |
| 13 | Viewing angle compensation of various LCD modes by using a liquid crystalline polymer film. Proceedings of SPIE, 2013, , . | 0.8 | 0 |
| 14 | Simultaneous Extraction of Indium Tin Oxide/Organic and Substrate Waveguide Modes from Buckled Organic Light Emitting Diodes. Applied Physics Express, 2011, 4, 032101. | 2.4 | 5 |
| 15 | Analysis of Cavityâ€Mode Lasing Characteristics from a Resonator with Broadband Cholesteric Liquidâ€Crystal Bragg Reflectors. Advanced Functional Materials, 2011, 21, 3430-3438. | 14.9 | 13 |
| 16 | Polarization Conversion in Surfaceâ€Plasmonâ€Coupled Emission from Organic Lightâ€Emitting Diodes Using Spontaneously Formed Buckles. Advanced Materials, 2011, 23, 1003-1007. | 21.0 | 49 |
| 17 | Controlling bucking structure by UV/ozone treatment for light extraction from organic light emitting diodes. Organic Electronics, 2011, 12, 1177-1183. | 2.6 | 20 |
| 18 | Colorâ€and Reflectanceâ€Tunable Multiple Reflectors Assembled from Three Polymer Films. Advanced Materials, 2010, 22, 1617-1621. | 21.0 | 14 |

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|---|---|---|---|
| 19 | Broadband Cavityâ€Mode Lasing from Dyeâ€Doped Nematic Liquid Crystals Sandwiched by Broadband Cholesteric Liquid Crystal Bragg Reflectors. Advanced Materials, 2010, 22, 2680-2684. | 21.0 | 58 |
| 20 | Spontaneously Buckled Microlens for Improving Outcoupled Organic Electroluminescence. Applied Physics Express, 2010, 3, 082501. | 2.4 | 9 |
| 21 | Polarization-independent multiple selective reflections from bichiral liquid crystal films. Applied Physics Letters, 2010, 96, 153301. | 3.3 | 9 |
| 22 | Low threshold lasing from dye-doped cholesteric liquid crystal multi-layered structures. Optics Express, 2010, 18, 12909. | 3.4 | 36 |
| 23 | Color-temperature tunable white reflector using bichiral liquid crystal films. Optics Express, 2010, 18, 26339. | 3.4 | 8 |
| 24 | Light extraction from organic light-emitting diodes enhanced by spontaneously formed buckles. Nature Photonics, 2010, 4, 222-226. | 31.4 | 538 |
| 25 | Simultaneous Red, Green, and Blue Lasing Emissions in a Singleâ€Pitched Cholesteric Liquidâ€Crystal System. Advanced Materials, 2008, 20, 2503-2507. | 21.0 | 37 |
| 26 | Fabrication of a simultaneous redâ€“greenâ€“blue reflector using single-pitched cholesteric liquid crystals. Nature Materials, 2008, 7, 43-47. | 27.5 | 207 |
| 27 | Viewingâ€angle compensation of TNâ€and ECBâ€LCD modes by using a rodâ€like liquidâ€crystalline polymer film. Journal of the Society for Information Display, 2008, 16, 257-263. | 2.1 | 1 |
| 28 | Enhancement of Light Extraction from Organic Light-Emitting Diodes with Two-Dimensional Hexagonally Nanoimprinted Periodic Structures Using Sequential Surface Relief Grating. Japanese Journal of Applied Physics, 2008, 47, 4566-4571. | 1.5 | 35 |
| 29 | Enhanced linearly polarized lasing emission from nanoimprinted surface-emitting distributed feedback laser based on polymeric liquid crystals. Applied Physics Letters, 2008, 93, 221101. | 3.3 | 4 |
| 30 | Enhancement of normally directed light outcoupling from organic light-emitting diodes using nanoimprinted low-refractive-index layer. Applied Physics Letters, 2008, 92, . | 3.3 | 56 |
| 31 | Polarization-tunable electroluminescence using phase retardation based on photonic bandgap liquid crystal. Journal of Applied Physics, 2008, 103, 113101. | 2.5 | 6 |
| 32 | Defect-Mode Lasing from a Three-Layered Helical Cholesteric Liquid Crystal Structure. Japanese Journal of Applied Physics, 2007, 46, 3510-3513. | 1.5 | 23 |
| 33 | 51.1:Invited Paper: Viewing-Angle Compensation of TN- and ECB-LCD Modes by Using a Rod-Like Liquid Crystalline Polymer Film. Digest of Technical Papers SID International Symposium, 2007, 38, 1555-1558. | 0.3 | 4 |
| 34 | Defect mode lasing from a double-layered dye-doped polymeric cholesteric liquid crystal films with a thin rubbed defect layer. Applied Physics Letters, 2007, 90, 261108. | 3.3 | 41 |
| 35 | Sharply directed emission in microcavity organic light-emitting diodes with a cholesteric liquid crystal film. Optics Communications, 2007, 273, 167-172. | 2.1 | 13 |
| 36 | Highly circularly polarized electroluminescence from organic light-emitting diodes with wide-band reflective polymeric cholesteric liquid crystal films. Applied Physics Letters, 2007, 90, 211106. | 3.3 | 58 |

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| 37 | Optical cavity with a double-layered cholesteric liquid crystal mirror and its prospective application to solid state laser. Applied Physics Letters, 2006, 89, 241116. | 3.3 | 14 |
| 38 | Viewing angle compensation of various LCD modes by using a liquid crystalline polymer film Nisseki LC film. , 2006, , . | | 4 |
| 39 | Simple electro-tunable optical diode using photonic and anisotropic liquid crystal films. Thin Solid Films, 2006, 509, 49-52. | 1.8 | 28 |
| 40 | Electrotunable Non-reciprocal Laser Emission from a Liquid-Crystal Photonic Device. Advanced Functional Materials, 2006, 16, 1793-1798. | 14.9 | 39 |
| 41 | Defect-Mode Lasing with Lowered Threshold in a Three-Layered Hetero-Cholesteric Liquid-Crystal Structure. Advanced Materials, 2006, 18, 193-197. | 21.0 | 100 |
| 42 | Development of Liquid Crystalline Polymer Film â€œNisseki LC Filmâ€•for Viewing Angle Compensation of Various LCD Modes. Molecular Crystals and Liquid Crystals, 2006, 458, 35-43. | 0.9 | 9 |
| 43 | Photoinduced circular anisotropy in a photochromicW-shaped-molecule-doped polymeric liquid crystal film. Physical Review E, 2006, 73, 021702. | 2.1 | 40 |
| 44 | Electro-tunable optical diode based on photonic bandgap liquid-crystal heterojunctions. Nature Materials, 2005, 4, 383-387. | 27.5 | 296 |
| 45 | Enhancement of Laser Emission Intensity in Dye-Doped Cholesteric Liquid Crystals with Single-Output Window. Japanese Journal of Applied Physics, 2005, 44, 3748-3750. | 1.5 | 11 |
| 46 | Lowering the Lasing Threshold by Introducing Cholesteric Liquid Crystal Films to Dye-Doped Cholesteric Liquid Crystal Cell Surfaces. Japanese Journal of Applied Physics, 2005, 44, 7966-7971. | 1.5 | 17 |
| 47 | Lasing from Thick Anisotropic Layer Sandwiched between Polymeric Cholesteric Liquid Crystal Films. Japanese Journal of Applied Physics, 2005, 44, 8165-8167. | 1.5 | 22 |
| 48 | Anomalously Directed Amplified Spontaneous Emission from a Wedge-Shaped Cell Sandwiched by Cholesteric Liquid Crystal Films. Japanese Journal of Applied Physics, 2004, 43, L1220-L1222. | 1.5 | 6 |
| 49 | Monodomain Film Formation and Lasing in Dye-Doped Polymer Cholesteric Liquid Crystals. Japanese Journal of Applied Physics, 2004, 43, 6142-6144. | 1.5 | 29 |
| 50 | Polarization characteristics of phase retardation defect mode lasing in polymeric cholesteric liquid crystals. Science and Technology of Advanced Materials, 2004, 5, 437-441. | 6.1 | 27 |
| 51 | Standing Wave Enhancement of Red Absorbance and Photocurrent in Dye-Sensitized Titanium Dioxide Photoelectrodes Coupled to Photonic Crystals. Journal of the American Chemical Society, 2003, 125, 6306-6310. | 13.7 | 564 |
| 52 | Fabrication technique for filling-factor tunable titanium dioxide colloidal crystal replicas. Applied Physics Letters, 2002, 81, 4532-4534. | 3.3 | 49 |
| 53 | Optical Properties of Diffusion-Type Cholesteric Liquid Crystalline Polymer Film. Molecular Crystals and Liquid Crystals, 2001, 364, 469-478. | 0.3 | 0 |
| 54 | Nonlinear liquid crystals in periodic structures. , 2001, , . | | 1 |

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| 55 | Fabrication of two-dimensional photonic crystals using interference lithography and electrodeposition of CdSe. Applied Physics Letters, 2001, 79, 3392-3394. | 3.3 | 120 |
| 56 | Direct fabrication of two-dimensional titania arrays using interference photolithography. Applied Physics Letters, 2001, 79, 3332-3334. | 3.3 | 67 |
| 57 | Clinical application of an active electrode using an operational amplifier. IEEE Transactions on Biomedical Engineering, 1992, 39, 1096-1099. | 4.2 | 60 |