

Thin planar calix[4]arene waveguiding films - thin planar calix[4]arene waveguiding films ... a new type of organic molecule, calix[4]arene, is applied in a second-harmonic-generating waveguide device for **emission characteristics of organic light-emitting diodes** ... - organic thin films was limited to 100 to 200 nm for driving an oled with reasonably low voltage ... waveguiding in substrate and organic modes can be **diffractive x-ray waveguiding reveals orthogonal** ... - diffractive x-ray waveguiding reveals orthogonal ... organic thin films are often quite broad, and often the more general term scattering is used to **optical waveguiding (pb, thin films ... - cambridge** - optical waveguiding (pb, la)(zr,ti)O₃ thin films prepared by pulsed laser deposition s. b. xiong, ... techniques require special metallo-organic precursor. **patterned microlens array for efficiency improvement of ...** - patterned microlens array for efficiency improvement of small-pixelated ... and h. fuji, **thin-film waveguiding mode light extraction** ... organic thin films, **laser deposition of waveguiding films - springer** - laser deposition of waveguiding films miroslav jelínek¹, tomáš kocourek, francois ... fabrication of thin films by laser techniques is known for a long time. **organic molecules for guided wave quadratic and cubic optics** - organic molecules for guided wave quadratic and ... tion techniques of organic thin films for quadratic ... the waveguiding applications, and depending ... **bright light emission and waveguiding in conjugated ...** - bright light emission and waveguiding in conjugated polymer nanofiber electrospun from organic-salt ... reference thin films are realized by spin-coating at 6000 rpm. **thin films for optical waveguide devices and materials for ...** - thin films for optical waveguide devices and ... waveguiding and 1.54 μm **er³⁺ photoluminescence properties of erbium doped silicon rich silicon oxide 21 post-annealing effects on the physical and optical ...** - electron. mater. lett., vol. 11, no. 5 (2015), pp. 862-870 862 post-annealing effects on the physical and optical waveguiding properties of rf sputtered zno thin films **laser operation in non-doped thin films made of a small ...** - laser operation in non-doped thin films made of a small-molecule organic red-emitter hadi rabbani-haghighi¹, sébastien forget¹, sébastien chanaïs¹, ... robert arwood¹ professor college of optical sciences ...- organic thin films, "inorganic thin films for waveguiding nonlinear optics, ed. by j. swalen (gordon and breach, 1996). ... **organic photonics + electronics - spie** - organic photonics + electronics ... processing, waveguiding and wavefront ... organic thin films, molecular, and photonic **cerenkov second-harmonic radiation from organic calix[4] ...** - organic calix[4]arenes thin films 0. ... organic molecules. in a thin film the ma- ... into a thin waveguiding film by spin- **top-emitting organic light-emitting diode with a cap layer** - top-emitting organic light-emitting diode with a cap ... deposition rates of the organic thin films were 0.2- ... is around 50% light lost to waveguiding modes in the **organic polymeric electro-optic synthesis, processing and ...** - processed into thin films by langmuir-blodgett technique or ... waveguiding with low loss was ... synthesis, processing and device applications ... **robert a. norwood professor college of optical sciences** ... - organic thin films," in organic thin films for waveguiding nonlinear optics, ed. by j. swalen (gordon and breach, 1996). **broadband plasmon waveguide resonance spectroscopy for ...** - broadband plasmon waveguide resonance spectroscopy for probing biological thin films han zhang, kristina s. orosz, hiromi takahashi, and s. scott saavedra* **waveguide-enhanced scattering from thin biomolecular films** - waveguide-enhanced scattering from thin biomolecular films ... makes up the waveguiding medium, ... conditions to study organic thin film structures, ... **thermally tunable multi-wavelength output waveguide laser ...** - was demonstrated in rhodamine 6g doped multiple mode waveguiding zrO₂-tiO₂-ormosil thin films dfb ... the films. this kind of inorganic-organic hybrid glass thin ... **tuning stimulated emission of organic thin films by ...** - tuning stimulated emission of organic thin films by molecular reorientation ... which in turn could alter the waveguiding characteristics of a thin film **design and preparation of zwitterionic organic thin films ...** - design and preparation of zwitterionic organic thin films: self-assembled siloxane-based, thiophene-spaced n-benzylpyridinium dicyanomethanides as

nonlinear **organic photonics+ electronics call for papers** - spie organic photonics + electronics is an important conference for organic- ... waveguiding and wavefront ... organic thin films, molecular, and photonic **random laser action in organic film during the ...** - needs to control their waveguiding properties in situations where the resulting ... laser emission in organic thin films which have not previously been spatially ... **optical properties of bi₂251a0.75tinbo₉ thin films grown ...** - 9 thin Å^{-1} films grown on fused silica substrates by pld ... optical waveguiding properties of lbt_n-0.75 thin ... thin films grown on fused silica substrates ... **dominant factors limiting the optical gain in layered two ...** - layered two-dimensional halide perovskite thin films ... organic Å^{-1} inorganic lead halide perovskites ... be a case of a luminescent microcavity or waveguiding effect ... **broadband nanophotonic waveguides and resonators based on ...** - epitaxial gan thin films ... epitaxially on c-plane sapphire wafers through a buffered metal-organic chemical ... iii-v nitride as waveguiding materials ... **coatings open access coatings - mdpi - coatings 2013, 3, 49-58; doi:10.3390 ...** waveguiding thin films, such as thickness and refractive index. ... organic compound removal and structural change in **direct patterning of colloidal quantum-dot thin films for ...** - direct patterning of colloidal quantum-dot thin films for enhanced ... while at the same time outperforming most organic ... waveguiding modes, ... **structural and optical properties of sol-gel ce³⁺-doped ...** - strontium hafnate waveguiding thin films ... and the study of thin films ... nano-crystallized films. the complete elimination of organic compounds is ... **exciton transport in organic nanostructures - spiral: home** - exciton transport in organic nanostructures waveguiding, in preparation. 4 ... differences in the spectral features between single molecules and thin films. **spectral narrowing in a rhodamine-doped layered tio₂ ...** - spectral narrowing in a rhodamine-doped layered ... incorporated in thin organic Å^{-1} films ... **flexible parylene-film optical waveguide arrays** - flexible parylene-film optical waveguide arrays ... thin-film waveguiding mode light extraction in organic ... of epitaxial waveguiding batio 3 thin films ... **sio tio thin films obtained by the sol-gel method k ...** - sio₂ Å^{-1} tio₂ thin films obtained by the sol-gel method a ... in a waveguide can occur only when waveguiding layer has higher ... thin films from the sol ... **optical properties of potassium niobate thin films ...** - optical properties of potassium niobate thin films prepared by the polymeric precursor method a.z. simo Å^{-1} ces*, ... involves the complexation of cations in an organic ... **exceptionally efficient organic light emitting devices ...** - exceptionally efficient organic light emitting ... thin films, optical properties ... and h. fujii, Å^{-1} thin-film waveguiding mode light extraction in organic **enhanced absorption and emission of y₃al₅o₁₂:ce³⁺ thin ...** - enhanced absorption and emission of y₃al₅o₁₂: ... ³⁺ thin layers prepared by epoxide-catalyzed sol ... waveguiding properties of yag thin films obtained by ... **organic electronics: opportunities and challenges in solid ...** - organic electronics: opportunities and challenges. in solid-state lighting. ... Å^{-1} organic thin film transistors - morphology of organic films **photophysics and photonics of heteroepitaxial organic ...** - heteroepitaxial organic nanofibers francesco quochi, michele saba, ... optoelectronic properties of organic molecular thin films for device applications. **polymer-assisted conformal coating of tio₂ thin Å^{-1} films** - the conditions for waveguiding in a thin Å^{-1} film can be derived from the point of view of a propagating electromag- **note fabrication and characterization of thin film ...** - note fabrication and characterization of thin ... potential applicability of organic and ... preferred to prepare uniform and optical quality thin films5-7. **27.4: top-emitting organic light-emitting diode using ...** - 27.4 / c. qiu 974 Å^{-1} sid 03 digest 27.4: top-emitting organic light-emitting diode using nanometer platinum layers as hole injector chengfeng qiu, huajun peng ... **cerium-doped srhfo₃ sol-gel films - scielo** - prepared by the sol-gel process are presented in this work crack. -free films with waveguiding ... thin films used as planar ... of the organic compounds in the films. **journal of materials chemistry c - pubsc** - the e Å^{-1} efficiency of organic light emitting diodes ... an important loss mechanism is waveguiding ... materials and thin films tpbi and ir(mdq) 2 ... **patterned deposition of sol-gel thin films using an airbrush** - using both zirconium- and titanium-based sol-gel thin films. ... for the deposition of these waveguiding ... first to demonstrate that an organic reagent ... **sol-gel organic-inorganic hybrids for planar waveguides** - sol-gel hybrid organic inorganic thin films with optical and good mechanical properties find interesting low cost applications in the fields of integrated optics. **properties variation with**

composition of single-crystal pb ... - properties variation with composition of single-crystal pb(zrxtil-,)03 thin films prepared by mocvd c. hf. foster, c.-r. bai, z. li, and r. jammy **organic electronics: materials, devices, and applications** - organic electronics: materials, devices, and applications ... semiconductor thin films ... on the mobility and thermal stability of organic thin film ...

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