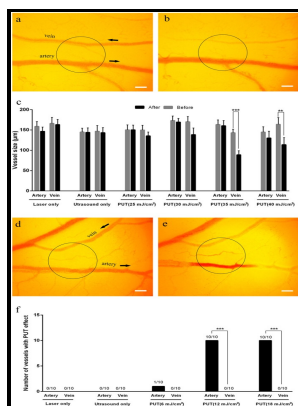# Proceedings of optical diagnostics of biological fluids IV - 26-27 January 1999, San Jose, California

SPIE - Probe design for implantable fluorescence

Description: -

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Tuberculosis in cattle -- Latin America.

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Cattle -- Diseases -- Latin America.

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Refugees, German -- Personal narratives

Diagnostic imaging -- Congresses

Body fluids -- Analysis -- CongressesProceedings of optical diagnostics of biological fluids IV - 26-27 January 1999, San Jose, California

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Publicación especial (Pan American Zoonoses Center) -- no. 10

Special publication -- no. 10

Proceedings of SPIE--the International Society for Optical Engineering -- v. 3599.

SPIE proceedings series -- v. 3599

Progress in biomedical opticsProceedings of optical diagnostics of biological fluids IV - 26-27 January 1999, San Jose, California

Notes: Includes bibliographical references and index.

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BioMEMS Books

Here, the results reveal additional and highly distinctive torques operating between pairs of nanoparticles. Progress in Biomedical Optics and Imaging vol.

Neurological and physiological aspects of chakras using optical sensors, Proceedings of SPIE

Optical imaging apparatus which radiates a low coherence light beam onto a test object, receives optical information from light scattered by the object, and constructs therefrom a cross-sectional image of the object 1991-04-29 2000-10-17 Massachusetts Institute Of Technology Method and apparatus for performing optical measurements using a fiber optic imaging guidewire, catheter or endoscope 1996-10-01 2001-07-17 Leica Microsystems Heidelberg Gmbh Confocal surface-measuring device 2000-07-28 2002-02-26 Optical Biopsy Technologies, Inc. As such, angled-dual-axis confocal scanning microscope 700 of the present invention is capable of providing transverse and vertical scans in various ways.

Dr. Richard B. Dorshow Profile

Calculating nonlinear optical susceptibilities on this basis, excluding all but the ground and one excited state in a sum-over-states formulation, is a technique widely deployed in the calculation and analysis of nonlinear optical properties. The goal of the investigation was to collect data that could be used to validate computational fluid dynamic CFD codes, evaluate turbulence models, and anchor aero-optic propagation codes, all of which are essential components in flight simulations. Finally, it is shown that similar principles apply to other kinds of radially structured optical modes.

Proceedings of optical diagnostics of biological fluids and advanced techniques in analytical cytology (1997 edition)

Both in natural photosynthetic systems and also their molecularly engineered mimics, energy is generally transferred to the sites of its chemical storage from other sites of primary optical excitation. During a single detector integration time, one or multiple ON states may exist, however the total illumination span, or the duration from the start of the first ON state to the end of the last ON state is preferably shorter than 90% of the detector integration time.

Monitoring physiological function by detection of exogenous fluorescent contrast agents, Proceedings of SPIE

The method according to claim 35, wherein the sample is a biological sample.

Probe design for implantable fluorescence

Polarization controllers were adjusted to maximize the fringe visibility in the CCD. Although a classical electrodynamical interpretation in terms of interactions between induced dipoles comfortably predicts the sign of the resulting mechanical force, it is shown that such a picture has significant limitations in addressing this fundamentally photonic phenomenon. When the pass band of the filter scans outside the gain bandwidth of the SOA, the source likely does not reach the lasing threshold and simply produces ASE.

Dr. Richard B. Dorshow Profile

For such conventional systems, the CCD array is illuminated constantly, and therefore the exposure time of the CCD camera determines the signal acquisition time for a single A-line.

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