

Цитати

R. DJULGEROVA, V. MIHAILOV – “LASER-ASSISTED PHOTOELECTRIC OPTOGALVANIC ANALYSIS OF THIN-FILMS AND SURFACES USING A HOLLOW CATHODE GLOW DISCHARGE” APPLIED PHYSICS B-PHOTOPHYSICS AND LASER CHEMISTRY 56 (5), 301-305 (1993)

- Gogova D, Gesheva K, Venева A
“CVD-WC and WC_xNy diffusion barrier coatings on WC/Co metalloceramics”
MATER LETT **35** (5-6), 351-356 (1998)
- Gogova D, Gesheva K, T. Ivanova
Barrier properties of CVD thin tungsten and tantalum films deposited on WC/Co metalloceramics
BULG. J. PHYS. **26** (1-2), 65-70 (1999)
- Kumar P, Nampoori V, Vallabhan C.
“Photoemission optogalvanic effect near the instability region of a hollow-cathode discharge”
OPT COMMUN **118** (5-6), 525-528 (1995)
- Yao X, McGlynn SP, Mohanty RC
“Laser optogalvanic analysis in a radiofrequency plasma: Detection of iodine atoms and molecules”
MICROCHEM JOURNAL **61** (3), 223-239 (1999)
- A.Stojanova, S. Terzieva, V. Mikli, R. Traksmaa, V. Kovacev
“Текстура и структура на горещо валцовани YBCO ленти с калциева субституция”
JOURNAL BULGARIAN ACADEMY OF SCIENCES 1, 57-60 (2006)
- V. Gencheva
” Depth profile analysis of CVD-tungsten oxide thin films in hollow cathode discharge”
MATERIALS LETTERS 60, 533-537 (2006).
- Н. Бундалеска
АВТОРЕФЕРАТ НА ДИСЕРТАЦИЯ “Поляризационна опто-галванична спектроскопия на разряд в кух катод”, София 2007
K.Gesheva
Thesis for DSc - BAS, CLSENEI “Thin optical films for effective application of solar energy” – Sofia (2008)

R.DJULGEROVA, V.MIHAILOV - "LASER OPTOGALVANIC EFFECT FROM Ar POSITIVE IONS IN A HOLLOW CATHODE DISCHARGE"
EUROPHYSICS LETTERS 36, 571-576 (1996)

- Salah W
"Experimental measurements of the Lande g -factor of some levels in argon atom situated near the first limit of ionization"
NUCL. INSTRUM. METH. IN PHYS B **196** (1-2), 25-30 (2002)
- Zechev D., Atanassova S.
"Light-induced conductivity in Ar/Al hollow cathode discharge through ArII (4s-4p) transitions and secondary electrons generation"
OPT. COMMUN. **194** (4-6), 359-365 (2001)
- Bandyopadhyay M., Tanga A., Falter H.D
“Analysis of plasma dynamics of a negative ion source based on probe measurements”

JOURNAL OF APPLIED PHYSICS **96** (8): 4107-4113 OCT 15 (2004)

- Li Chaoyang, Chen Qiang and Zhang Guangqiu

“A N₂ plasma light source generated in hollow cathode discharge and its application in lithographic plate making”
PLASMA SCIENCE AND TECHNOLOGY Volume 9, Issue 6, 1 December 2007, Pages 736-739

**R.DJULGEROVA, V.MIHAILOV – “LASER OPTOGALVANIC ANALYSIS OF NITROGEN LAYERS
IN HOLLOW CATHODE GLOW DISCHARGE”
SPECTROSCOPY LETTERS, 26, 347 – 358 (1993)**

- D.Gogova, K.Gesheva, A.Veneva

“CVD-WC and WC_xN_x diffusion coating on WC/Co metalloceramics”

MATERIAL LETTERS, 35, 351-356 (1998)

- Gogova D, Gesheva K, T. Ivanova

Barrier properties of CVD thin tungsten and tantalum films deposited on WC/Co metalloceramics

BULG. J. PHYS. **26**, (1-2) 65-70 (1999)

- V. Gencheva

” Depth profile analysis of CVD-tungsten oxide thin films in hollow cathode discharge”

MATERIAL LETTERS 60, 533-537 (2006).

- Yao X, McGlynn SP, Mohanty RC

“Laser optogalvanic analysis in radiofrequency plasma: Detection of iodine atoms and molecules”–

MICROCHEM. J. **61** (3), 223-239 (1999)

- K.Gesheva

Thesis for DSc - BAS, CLSENEI “Thin optical films for effective application of solar energy” – Sofia (2008)

**V. MIHAILOV, R. DJULGEROVA “LASER OPTOGALVANIC ANALYSIS OF THIN FILM
THICKNESS IN HOLLOW CATHODE GLOW DISCHARGE”
BULG. JOUR. PHYS. - 23, 58 (1996)**

- V. Gencheva

” Depth profile analysis of CVD-tungsten oxide thin films in hollow cathode discharge”

MATERIAL LETTERS 60, 533-537 (2006).

**V.MIHAILOV, V.GENCHEVA, R.DJULGEROVA – “MEASUREMENTS OF H⁺ CONCENTRATION IN
(NE+H₂) HOLLOW CATHODE DISCHARGE BY AN EMISSION METHOD”
JOUR. PHYS. D: APPLIED PHYSICS **34**, 2185-2190 (2001)**

- Musa G., Baltog A.

“Polar recombination as the main process explainning the M-effect”

CONTRIB. PLASMA PHYS. **43** (3-4) 216-223 (2003)

- Musa G., Ciobotaru C.L., Chiru P., Baltog A.

“The M-effect in argon-hydrogen gas mixtures”

JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, **6** (2) 459- 464 (2004)

- Petrov, GM Petrova, T

“Formation of negative hydrogen ions in a Ne-H-2 hollow cathode discharge”
PLASMA CHEMISTRY AND PLASMA PROCESSING, 22 (4) 573-605 (2002)

- Bandyopadhyay M, Tanga A, Falter HD, et al.

“Analysis of plasma dynamics of a negative ion source based on probe measurements “
JOURNAL OF APPLIED PHYSICS 96 (8): 4107-4113 OCT 15 2004

- Musa, G Ciobotaru, LC Ionut B

“The M-effect A.C/D.C discharge in He+O2/Cl2 gas mixtures”

JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS 8 (3), pp. 1292-1297 (2006)

- Karim Benmeziane

“Etude d’une source ECR d’ion H- pour accelerateur de force puissance” in

These Presente pour obtenir la grade de docteur en sciences s at Universite Paris XI UFR Scientifiqe D, ORSAY , Paris, France(2004),127

- Musa G, Vladoiu R, Contulov M, et al.

“Reports on the M-effect – General character and explanation of the involved elementary processes”

ROMANIAN REPORTS IN PHYSICS Volume: 60 Issue: 3 Pages: 627-634 (2008)

- Vladoiu, R.; Contulov, M.; Mandes, A.; Musa, G.

“The double M-effect induced by noble gases activated with negative ions”

EUROPEAN PHYSICAL JOURNAL - D, Volume 54, Issue 2, 2009, pp.287-291

**L. POPOVA, R. DJULGEROVA, G. BESHKOV, V. MIHAIOV, A. SZYTULA, L. GONDEK, Z. PETROVIC - “SNO₂ THIN FILMS FOR GAS SENSORS MODIFIED BY HEXAMETHYLDISILAZANE AFTER RAPID THERMAL ANNEALING”
SENSORS AND ACTUATORS B100, 352, (2004)**

- V. Gencheva

“Depth profile analysis of CVD-tungsten oxide thin films in hollow cathode discharge”

MATERIALS LETTERS 2005

- Anish Roychowdhury

“Fabrication of perforated membranes in polymers using imprinting technology”

ME Graduate Students Conference, April 29th, 2006

- Kranthi K. Akurati, Rainer Dittmann, Andri Vital , Ulrich Klotz, Paul Hug, Thomas Graul1 and Markus Winterer

“Silica-based composite and mixed-oxide nanoparticles from atmospheric pressure flame synthesis”

JOURNAL OF NANOPARTICLE RESEARCH, Volume 8, Numbers 3-4, 379-393, August 2006

**G.PETROV, V.GENCHEVA, R.DJULGEROVA, V.MIHAIOV – “TIME-DEPENDENT DESCRIPTION OF N₂(B-C) OPTOGALVANIC EFFECT IN A HOLLOW CATHODE DISCHARGE”
JOURNAL OF QUANTITATIVE SPECTROSCOPY AND RADIATIVE TRANSFER 64, 563 – 572 (1999)**

- Z.Donko

“Modeling of low-current self-generated oscillations in a hollow cathode discharge”

JOURNAL OF PHYS. - D 32, 1657- 1664 (1999)

- Н. Бундалеска

АВТОРЕФЕРАТ НА ДИСЕРТАЦИЯ “Поляризационна опто-галванична спектроскопия на разряд в кух катод”, София 2007

DJULGEROVA R, PANTCHEV B, MIHAILOV V, ET AL. - "CONCENTRATION PROFILES OF ION EXCHANGED OPTICAL WAVEGUIDES IN GLASS: ANALYSED IN HOLLOW CATHODE PLASMA "
SURFACE & COATINGS TECHNOLOGY 166 (2-3), 201-205 (2003)

- Frantz JA, Carriere JTA, Kostuk RK

"Measurement of ion-exchanged waveguide burial depth with a camera"

OPTICAL ENGINEERING 43 (12): 3149-3154 DEC 2004

- V. Gencheva

" Depth profile analysis of CVD-tungsten oxide thin films in hollow cathode discharge"

MATERIALS LETTERS 2005

- Wei Jue

"Measurement of Refractive-index Profiles for Planar Waveguides"

ACTA PHOTONICA SINICA 34, (4), 534-536 2005

G.PETROV, V.GENCHEVA, R.DJULGEROVA, V.MIHAILOV, H.-D. KRONFELDT – "THEORETICAL DESCRIPTION OF NEI (5d¹-2p₄) OPTOGALVANIC SIGNAL REGISTERED IN A HOLLOW CATHODE DISCHARGE"

JOURNAL OF QUANTITATIVE SPECTROSCOPY AND RADIATIVE TRANSFER 59, 33-38 (1997)

- Torge Rieper

"Ein neues verfahren zur Bestimmung der elektrischen Feldstarke in Niederdruckgasentladungen" – Dissertation zur Frlangung des Doktorgrades an der Mathematisch-Natirwissenschaftlichen Fakultat der Christian-Albrechts-Universitat zu Kiel, p.54 (2000)

O.IVANOV, V.MIHAILOV, V.PUSTOVOIT, A.ABBATE, P.DAS "SURFACE PHOTO-CHARGE EFFECT IN SOLIDS"

OPTICS COMMUNICATIONS 113, 509-512 (1995)

- V.A.Vasilev, I.V.Garkusha, V.A.Petrov, Y.U.Romanovski, Y.K.Shogenov

"Light-induced electric activity of green plants"

BIOFIZIKA 48, 707-716 (2003)

DJULGEROVA R, POPOVA L, BESHKOV G, PETROVICH Z. L., RAKOCEVIC Z., MIHAILOV V., GENCHEVA V., DOHNALIK T. "INVESTIGATION OF MODIFIED SNO₂ LAYERS TREATED BY RAPID THERMAL ANNEALING BY MEANS OF HOLLOW CATHODE SPECTROSCOPY AND AFM TECHNIQUE" J.PHYS.D: APPL PHYS. 39, 3267-3271 (2006)

- Bings N.H., Bogaerts A., Broekaert J.A.C.

"Atomic spectroscopy"

ANALYTICAL CHEMISTRY 78, (12) pp 3917-3946

- Mathur S., Ganesan R., Grobelsek I.,

"Plasma-assisted modulation of morphology and composition in tin oxide nanostructures for sensing applications"

ADVANCED ENGINEERING MATERIALS Volume:9 Issue:8 Pages: 658-663 (2007)

- Saha B., Thapa R., Chattopadhyay K. K.
“Wide range tuning of electrical conductivity of RF sputtered CdO thin films through oxygen partial pressure variation”,
SOLAR ENERGY MATERIALS AND SOLAR CELLS **92** (9), 1077-1080 (2008)
- Saha, B., Thapa, R., Chattopadhyay, K.K.
“A novel route for the low temperature synthesis of p-type transparent semiconducting CuAlO₂”
MATERIALS LETTERS Volume 63, Issue 3-4, 15 February 2009, Pages 394-396

V.MIHAILOV, R.DJULGEROVA, M.TODOROV, J.KOPERSKI, M.RUSZCZAK, Z.LJU.PETROVIC – “OBTAINING OF TRUE DYNAMIC OPTOGALVANIC SIGNAL FROM THE REGISTERED ONE IN HOLLOW CATHODE DISCHARGE”
PROS. 22ND SPIG’2004, SERBIA AND MONTENEGRO, 481-484 (2004)

- Н. Бундалеска
АВТОРЕФЕРАТ НА ДИСЕРТАЦИЯ “Поляризационна опто-галванична спектроскопия на разряд в кух катод”, София 2007

R. DJULGEROVA, V. MIHAILOV, V. GENCHEVA, L. POPOVA, B. PANACHEV, Z. PETROVIC- “DEPTH PROFILE ANALYSIS OF NEW MATERIALS IN HOLLOW CATHODE DISCHARGE”
THE PHYSICS OF IONIZED GASES”, EDS. L.HADJIEVSKI, T. GROZDANOV, N.BIBIC, PUBL. AMER. INST. PHYS., MELVILLE, NEW YORK, 373-384 (2004)

- A.Stojanova, S. Terzieva, V. Mikli, R. Traksmaa, V. Kovacev
“Текстура и структура на горещо валчувани YBCO ленти с калциева субституция”
Journal Bulgarian Academy of Sciences N1, 57- 60 (2005)

R.DJULGEROVA, V.MIHAILOV, V.GENCHEVA – “OPTOGALVANIC EFFECT IMPROVEMENT IN CONICAL BOTTOM HOLLOW CATHODE DISCHARGE”
ANALYTICAL LABORATORY, 6, 17-20 (1997).

- Evans EH, Chenery S., Fisher A. Karen Sutton
Determination of selenoamino acids by high-performance liquid chromatography-hydraulic high pressure nebulization-atomic fluorescence spectrometry (Review).
JOURNAL ANAL. ATOM. SPECTR. 14 (6) 977-1004 (1999)

STOYANOVA-IVANOVA, S. TERZIEVA, A. ZAHARIEV, V. MIHAILOV, H. IGNATOV “AC MAGNETIC SUSCEPTIBILITY OF ELEMENTS IN AG SHEATHED BSCCO (2223) TAPES WITH TE ADDITION”
AIP CONF. PROC. - ADVANCED STUDIES ON SUPERCONDUCTING ENGINEERING, I VAJDA AND L. FARKAS (EDS.) 56-59 (2004)

- Suchewan Krobthong, I Ming Tang, Tanakoru Osotchan
33rd Congress on science and Technology of Thailand, 18-20 October 2007, Walailak University