

ПУБЛИКАЦИИ

на д-р Лилия Страхилова Владимирова - Михалева,
представени за участие в конкурс
за гл. ас. по 4.1. Физически науки (биофизика)
към Физически факултет на Софийски университет „Св. Климент
Охридски“

I. Книги и глави от монографии:

1. В. Кочев, Л. Владимирова
Електрохимични биосензорни системи за глюкозен мониторинг в телесни течности. Съвременни конструктивни решения и перспективи, 2010, Paradigma, Sofia, Bulgaria, ISBN: 978-954-326-108-6.
2. L. Vladimirova, V. Kochev
Potentiometric assessment of iron release during ferritin reduction by exogenous agents, In: Q. Ashton Acton (Ed.) Issues in Biochemistry and Geochemistry: 2011, (2011), ScholarlyEditions™, Atlanta, Georgia, USA. ISBN: 978-1-464-96388-9

II. Статии в международни, рецензируеми и индексирани списания с импакт фактор:

1. St. Lishev, L. Marinova, H. Schluter and A. Shivarova,
Filamentation regime of travelling-wave-produced plasmas,
Vacuum, 2002, vol.69, p.153-158.
Забелязани цитирания: 7
2. L. Vladimirova, A. Andreeva, V. Savov, A. Gritzkow, M. Burova,
An ellipsometrical and AFM study of ferritin adsorption kinetics on gold surface,
Acta Physica Polonica A, 2009, 116(4), 445.
Забелязани цитирания: 1
3. L. Vladimirova, G. Tsutsumanova, Al. Gritzkow, V. Savov,
“Ellipsometrical and SEM study of ferritin adsorption on a gold surface”,
Acta Physica Polonica A, 2009, 116 (4), 705.
4. M. Marinova, L. Vladimirova,
“Atomic absorption assessment of mineral iron quantity in ferritin”,
Spectroscopy Letters, 2010, 43(03), 192 -195.
Забелязани цитирания: 1
5. L. Vladimirova, V. Kochev,
“A potentiometric assessment of iron release during the ferritin reduction by exogenous agents”,
Analytical Biochemistry, 2010, 404, 52-55.
Забелязани цитирания: 2

6. V. Kochev; Lilia Vladimirova; K. Bachev; M. Tanovska,
„Electrochemical analysis of phase behavior of solid-supported lipid films.
Influence of cholesterol”,
Electrochimica Acta, 2014, accepted for publication
7. M. Tanovska, L. Vladimirova – Mihaleva, K. Bachev, V. Kochev
“Electrochemical impedance investigation of cholesterol enriched supported
films of lipids”,
Bul. Chem. Communications, 2014, submitted.

III. Публикации в международни, рецензируеми и индексирани списания без импакт фактор:

1. Ch. Hardalov, M. Mihalev, Pl. Petkov, P. Stefanov, L. Vladimirova - Mihaleva
"Finite Element Analysis of Cardiovascular Stents"
AU Journal of Technology, 2013, 16 (4), 206-214
2. L. Vladimirova, G. Tzutsumanova, A. Andreeva, Al. Gritzkov, V. Savov,
“On adsorption of biological nanostructures”,
Balkan Physics Letters, 2012, vol.20, 120-126.
3. N. Tankovski, N. Zografov and L. Vladimirova,
“Examination of the interface electrolyte-air by detection and analysis of the
oscillations of a pendant drop, driven by electric field”,
Balkan Physics Letters, 2012, vol.20, 127-132.

IV. Абстракти в международни списания с импакт фактор:

4. L.S. Vladimirova, V.M.Savov,
Electrochemical and ellipsometrical studies of the adsorption kinetics of ferritin
and albumin on gold surface,
AIP Conf. Proc. 899, 829 (2007).

V. Статии, публикувани в пълен текст в сборници с доклади от международни конференции с рецензирано участие:

1. Al. Gritzkov, V. Kochev, L. Vladimirova,
“Evaluation of the influence of UV and IR radiation on iron release from
ferritin”,
*Proceedings of the Second conference on Medical Physics and Biomedical
Engineering*, 2010, p93-97, ISBN 978-608-65213-0-1.
2. L. Vladimirova, A. Paneva, A. Gritzkov, V. Savov,
On kinetics of the ferritin and albumin adsorption on a gold surface by multi-
angle ellipsometry,
Tenth National Conference on Biomedical Physics and Engineering, Sofia,
16– 18th October, 2008, original full text paper, ISBN: 978-954-91589-2-2.
3. L.Vladimirova, V. Savov,
Electrochemical study of Ferritin – Ascorbic acid relation,
Tenth National Conference on Biomedical Physics and Engineering, Sofia,
16–18th October, 2008, original full text paper, ISBN: 978-954-91589-2-2.

VI. Статии, публикувани в национални списания с рецензирано участие:

1. L. Vladimirova, V. Savov,
Impedance study of adsorption of Ferritin and Albumin on hard (Au) surface,
Meetings in Physics, 2007, Heron Press Science series, ed. A.Proykova,
vol.8, p.61- 65. ISBN: 978-954-580-244-7.
2. L.S. Vladimirova, E. L. Pavlova,
Chemiluminescent research on the reactions between ferritin, albumin and
reactive oxygen species,
Annuaire de L'Universite de Sofia "St. Kl. Ohridski", Faculte de Physique,
2008, t.101, 54.
3. L. Vladimirova, V. Kochev,
A potentiometric assessment of iron release during the ferritin reduction by
ascorbic acid,
Annuaire de L'Universite de Sofia "St. Kl. Ohridski", Faculte de Physique,
2009,t.102, 33.
4. Ivanina Todorova, Anton Tonev, Lilia Vladimirova-Mihaleva, Valery Kochev,
"Effect of ionizing gamma radiation on the ferritin activity",
Annuaire de L'Universite de Sofia "St. Kl. Ohridski", Faculte de Physique,
2014, t.107, (in press).

VII. Статии, публикувани в пълен текст в сборници с доклади от национални конференции с рецензирано участие:

1. Mihail Mihalev, Ivanka Kalimanova, Lilia Vladimirova-Mihaleva,
"Software for calculation of ellipsometric parameters in null ellipsometry using
4 - zone averaging for measurements of biological liquid layers,
*Proceedings of the 22th National Scientific Symposium with international
participation Metrology and Metrology Assurance*, 2012, p.305- 311.

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