

СПИСЪК НА НАУЧНИ ТРУДОВЕ И УЧЕБНИ ПОМАГАЛА

на гл. ас. д-р инж. Десислава Станева Грабчева,

представен за участие в конкурс за доцент по научна специалност

5.10. Химични технологии (Химична технология на влакнестите материали),

обявен от ХТМУ в ДВ, брой 66/15.08.2017 г.

№	Статия	Импакт фактор	Бр. цитати
I	Публикации в списания с импакт фактор		
1	T. Konstantinova, P. Meallier, H. Konstantinov, D. Staneva , Synthesis and photochemical properties of triazinylaminobenzanthrone derivatives as dyes for polymeric materials. Polym Degrad Stab 1995, 48, 161-166.	3.386	13
2	I. Grabchev, D. Staneva , Photophysical Properties of New Polymerizable 1,8-Naphthalimides and Their Copolymers with Methylmethacrylate, Z. Naturforschung A , 2003, 10, 558-562.	1.432	4
3	I. Grabchev, R. Betcheva, V. Bojinov, D. Staneva , Poly(amidoamine) Dendrimers Peripherally Modified with 1,8-Naphthalimides. Photodegradation and Photostabilization on Polyamide Matrix, European Polymer Journal , 2004, 40, 1249-1254.	3.531	7
4	I. Grabchev, D. Staneva , R. Betcheva, Sensor activity, photodegradation and photostabilisation of a PAMAM dendrimer comprising 1,8-naphthalimide functional groups in its periphery, Polym Degrad Stab , 2006, 91, 2257-2264.	3.386	19
5	D. Staneva , I. Grabchev, J-Ph Soumillion, V. Bojinov, A new fluorosensor based on bis-1,8-naphthalimide for metal cations and protons, J Photochem Photobiol A, Cheemistry , 2007, 189, 192-197.	2.673	28
6	I. Grabchev , D. Staneva, V. Bojinov, R. Betcheva, V. Gregoriou Spectral investigation of coordination of cuprum cations and protons at PAMAM dendrimer peripherally modified with 1,8-naphthalimide units, Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy , 2008, 70, 532-536.	2.536	6
7	I. Grabchev, P. Bosch, M. McKenna, D. Staneva , A new colorimetric and fluorimetric sensor for metal cations based on poly(propylene amine) dendrimer modified with 1,8-naphthalimide, J Photochem Photobiol A , 2009, 201, 75-80.	2.673	16
8	I. Grabchev, D. Staneva , J.-M. Chovelon, Photophysical investigations on the sensor potential of novel, poly(propylenamine) dendrimers modified with 1,8-naphthalimide units, Dyes Pigments , 2010, 85, (3), 189-193.	3.473	18
9	I. Grabchev, D. Staneva , S. Dumas, J.-M. Chovelon, Metal ions and protons sensing properties of new fluorescent 4-N-methylpiperazine-1,8-naphthalimide terminated poly(propyleneamine)dendrimer, Journal of Molecular Structure 2011, 999, 16-21.	1.753	17
10	I. Grabchev, D. Staneva , R. Betcheva, Fluorescent Dendrimers as Sensors for Biologically Important Metal Cations, Curr Med Chem. , 2012, 19, 4976-4983.	3.249	12
11	D. Staneva , P. Bosch, I. Grabchev, Ultrasonic synthesis and spectral characterization of a new blue fluorescent dendrimer as highly selective chemosensor for Fe ³⁺ cations, Journal of Molecular Structure , 2012, 1015, 1-5.	1.753	11

№	Статия	Импакт фактор	Бр. цитати
12	D. Staneva , I. Grabchev, R. Betcheva, Sensor potential of 1,8-naphthalimide and its dyeing ability of cotton fabric, Dyes Pigments , 2013, 98 (1), 64-70	3.473	7
13	D. Staneva , P. Bosch, A.M. Asiri, L.A. Taib, I. Grabchev, Studying pH dependence of the photophysical properties of a blue emitting fluorescent PAMAM dendrimer and evaluation of its sensor potential, Dyes and Pigments , 2014, 105, 114-120.	3.473	16
14	D. Staneva , E. Vasileva-Tonkova, M.S.I. Makki, A.M. Asiri, I. Grabchev, Combination of sensor potential and antimicrobial activity of a new 4-(2-dimethylaminoethoxy)-N-buthyl-1,8-naphthalimide, Journal of Molecular Structure , 2014, 1071, 88-94.	1.753	1
15	D. Staneva , E. Vasileva-Tonkova, M.S.I. Makki, T. R. Sobahi, R. M. Abdel-Rahman, A. M. Asiri, I. Grabchev, Synthesis, photophysical and antimicrobial activity of new water soluble ammonium quaternary benzanthrone in solution and in polylactide film, Journal of Photochemistry and Photobiology B: Biology , 2015, 143, 44-51.	2.673	6
16	D. Staneva , E. Vasileva-Tonkova, M. S.I. Makki, T. R. Sobahi, R. M. Abdel-Rahman, I. H. Boyaci, A. M. Asiri, I. Grabchev, Synthesis and spectral characterization of a new PPA dendrimer modified with 4-bromo-1,8-naphthalimide and in vitro antimicrobial activity of its Cu(II) and Zn(II) metal complexes, Tetrahedron , 2015, 71(7), 1080-1087.	2.651	5
17	D. Staneva , D. Atanasova, E. Vasileva-Tonkova, V. Lukanova, I. Grabchev, A cotton fabric modified with a hydrogel containing ZnO nanoparticles. Preparation and Properties study, Applied Surface Science , 2015, 345, 72–80.	3.387	12
18	D. Staneva , I. Grabchev, P. Bosch, Fluorescent Hydrogel–Textile Composite Material Synthesized by Photopolymerization, International Journal of Polymeric Materials and Polymeric Biomaterials , 2015, 64:16 838-847.	1.515	2
19	D. Staneva , I. Grabchev, E. Vasileva-Tonkova, R. Kukeva, R. Stoyanova, Synthesis, characterization and in vitro antimicrobial activity of a new fluorescent tris-benzo[de]anthracen-7-one and its Cu(II) complex, Tetrahedron , 2016, 72(19), 2440-2446	2.651	1
20	D. Staneva , T. Koutzarova, B. Vertruyen, E. Vasileva-Tonkova, I. Grabchev, Synthesis, structural characterization and antibacterial activity of cotton fabric modified with a hydrogel containing barium hexaferrite nanoparticles, Journal of Molecular Structure , 2017, 1127, 74-80.	1.753	-
21	D. Staneva , E. Vasileva-Tonkova, I. Grabchev, Preparation, characterization and antibacterial activity of composite material cotton fabric/hydrogel/silver nanoparticles International Journal of Polymer Analysis and Characterization , 2017, 22(2), 104-114.	1.515	-
II	Публикации в списания без импакт фактор		
1	Р. Бечева, Д. Станева , Интелигентен текстил с оптични сензорни свойства, Текстильт , 2008, 3, 18-20.		-
2	Д. Станева , Р. Бечева, М. Желева, Текстилен материал с комбинирани хемосорбционни и оптични сензорни свойства за медни йони във воден разтвор, Текстил и облекло , 2012, 10, 238-243.		-

№	Статия	Импакт фактор	Бр. цитати
3	M. I. T. Makki, D. Staneva , Evgenia Vasileva-Tonkova, T. R. Sobahi, R. M. Abdel-Rahman, A. M. Asiri , I. Grabchev , Antimicrobial activity of fluorescent benzantrone in aqueous solution and in polylactic acid film, International Journal of Pharmaceutical, Biological and Chemical Sciences , 2014, 3(3), 66-74.		-
4	Д. Станева , Д. Андреева, Р. Бечева, Екологични и икономически ползи от ензимна предварителна подготовка на памучни текстилни материали в една баня, Текстил и облекло , 2015, 1, 7-16.	-	-
5	Д. Станева , Д. Атанасова, А. Шенгова, Модифициране на полиамиден плат с хидрогел, съдържащ наночастици и приложението му за пречистване на отпадъчни води, Текстил и облекло , 2017, 3, 68-73.	-	-
III	Доклади от конференции, публикувани в пълен текст с рецензенти	-	-
1	Д. Станева , Т. Куцарова, Е. Василева-Тонкова, Модифициране на памучен плат с хидрогел, съдържащ наночастици, Сборник научни доклади „Общотекстилна конференция’2014 „ИНОВАЦИИ В ТЕКСТИЛА И ОБЛЕКЛОТО“ – II ЧАСТ , 2014, 356-370.	-	-
IV	Публикации, включени в дисертационния труд		
1	D. Staneva , R. Betcheva, J-M Chovelon, Fluorescent Benzo[de]anthracen-7-one pH-sensor in Aqueous Solution and Immobilized on Viscose Fabrics, J Photochem Photobiol A, Chemistry , 2006, 183, 159.	2.673	22
2	D. Staneva , R. Betcheva, Synthesis and functional properties of new optical pH sensor based on benzo[de]anthracen-7-one immobilized on the viscose, Dyes Pigments , 2007, 74, 148-153.	3.473	26
3	D. Staneva , R. Betcheva, J-M Chovelon, Optical Sensor for Aliphatic Amines Based on the Simultaneous Colorimetric and Fluorescence Responses of Smart Textile, J Appl Polymer Science , 2007, 106, 1950-1956.	1.866	22
	Общо	59.701	271

Учебни помагала

1. Електронно ръководство за упражнения към дисциплината «Багрила и текстилни спомагателни средства»

В. Василева, Багрила и ТСС-електронно съдържание на дисциплината, e-Learning Shell, 2010.
http://else.uctm.edu/subjects/_index.php?cid=2381240023810710

2. МЕНИДЖМЪНТ НА ОКОЛНАТА СРЕДА. Екологични аспекти при текстилното и кожарско производство и съвременни технологични решения (записки от лекции)