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| WORK EXPERIENCE |  |

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| --- | --- |
| 20011 - now | Chief assistant Professor in Inorganic Chemistry |
| Department of General and Inorganic Chemistry, Faculty of Chemistry, Sofia University |
| * Scientific work, teaching

  |
| Sector Academic  |
| 2008 - 2011 | Assistant Professor in Inorganic Chemistry |
| Department of General and Inorganic Chemistry, Faculty of Chemistry, Sofia University |
| * Scientific work
 |
| Sector Academic  |

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| 2004 - 2008 | PhD Student |
| Department of General and Inorganic Chemistry, Faculty of Chemistry, Sofia University |
| * Scientific work
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| EDUCATION AND TRAINING |  |

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| 2011 | PhD |  |
| Department of General and Inorganic Chemistry, Faculty of Chemistry, Sofia University |
| * Inorganic Synthesis
* Optical Oxygen Sensors
* Sol-gel Method
* Lanthanide Complexes
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| 1997 | M. Sc. |  |
| Sofia University, Faculty of Chemistry and Pharmacy |
| * Chemistry, Organic and Analytical Chemistry
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| 1988-1992 | Diploma and professional certificate |  |
| Technical School of Chemical Industry “Marie Curie” , Vratsa, Bulgaria  |
| * Analytical Chemistry and Microbiology
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## СПИСЪК НА ПУБЛИКАЦИИТЕ

**на гл.ас. д-р Йоана Захариева**

***Глава от книга***

# Zaharieva J., M. Milanova. Thin films for immobilization of complexes with optical properties. In Modern Technologies for Creating the Thin-film Systems and Coatings,.Eddited by Nikolay Nikitenkov , In INTECH OPEN ACCSESS (2017)pp. 251-275. http://dx.doi.org/10.5772/66512

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8. **Zaharieva, J., M. Milanova, D. Todorovsky.** Hybrid SiO2/polyester immobilization matrix for optical oxygen sensors, *J. Mater. Chem.* 21 (2011) 4893–4903
9. **Zaharieva, J., M. Milanova, D. Todorovsky.** On the mechanochemical synthesis of europium complexes with β-diketonates. *Cent. Eur. J. Chem.* 9(2) ( 2011) 290-299.
10. **Zaharieva, J., M. Milanova, D. Todorovsky.** Poly(methylmethacrylate) as immobilization matrix for europium β-diketonates – morphology and fluorescent properties. *Applied Surface Science* 257 (2011) 6858–6866.
11. **Milanova, M., J. Zaharieva, I. Manolov, M. Getzova, D. Todorovsky**, Lanthanide complexes with β-diketones and coumarin derivates: synthesis,thermal behaviour, optical and pharmacological properties and immobilization, *J. Rare Earths, Vol. 28 ( 2010) 66-74*.
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2. **Getsova M., V. Kircheva, J. Zaharieva**, **I. Manolov, H. Naruke, M. Milanova**, Luminescence properties of a Nd(III) coumarin derivative complex immobilized in a poly(methylmethacrylate) matrix, J. Optoelectronics Advanced Materials 14 (5-6) (2012) 685-692.
3. **Zaharieva, J., M. Milanova, D. Todorovsky,** Some limitations using optical sensors for determination of dissolved oxygen in wine. – *Bulg. Chem. Commun. 45 (2013) 32-36*.
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