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| Personal information  | **Vyron Sotirios Petrakis**  |
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| IMG_4278.jpg  |  8-10, mpoumpoulinas street , Kallithea , Athens , GR 17675 , Greece  |
|  +302106503422  +306944695876 |
|  byronsotpetrakis@gmail.com , v.petrakis@inn.demokritos.gr  |
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| sex male | birthday 14/04/1990 | nationality Greek  |

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| speciality , studies  | Chemist , PhD students  |

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| EDUCATION AND TRANING  |   |

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| 20/9/2008 to 20/9/201220/11/2012 to 17/11/2015 16/11/2016 to today  | Chemistry degree  |
| University of Crete , Greece  |
| * Specialization physical chemistry , diploma degree title «study of polymeric material core shell type for application in industrial of color »

Postgraduate specialization diploma , Master in science University of Crete , Greece * Specialization physical chemistry , diploma degree title «molecular simulation of nanocomposite hybrid material polyethylene oxide (PEO) with Silica nanoparticle»

 PhD studies National and Kapodistrian university of Athens, Greece * Specialization in industrial chemistry

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| Native language | Hellenic  |
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| Other language  | understaning  | talk  | write  |
| Oral  | Reading | Communication  | Oral excretions  |  |
| English  | Β1 | Β1 | Β1 | Β1 | Β1 |
|  |
| Professional skills  | * Ultraviolet –Visible Spectroscopy (UV – VIS )
* Fluorescence spectroscopy
* Nuclear Magnetic Resonance ( NMR)
* Differential scanning calorimetry (DSC)
* Dynamic light scattering (DLS)
* Synthetic processes
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| Digital skills  | * Used Windows and Linux
* Microsoft Office ( edition 2003, 7 ,10 )
* Programming language , Fortran 90
* origin ( edition 8 pro , 8.5 ,9)
* GROningen MAchine for Chemical Simulation (GROMACS)
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| Other skills  | * Piano
* Chess
* Dance
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| Driving licenses  | Category Β |

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| CONFERENCE AND PUBLICATION  |   |

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| Conference Publication  | * **30th Panhellenic Conference on solid state Physics and material science ,** Heraklion Crete , September 2014
* **10th Hellenic Polymer Society conference ,** Patra , December 2014
* **Cost-HINT : Nanostructure Hybrid Material II :** reinforced 3D structure, smart composites , self healing , Heraklion Crete , May 2015
* **13th Hellenic Polymer Society conference ,** Athens , December ς 2021

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| * **«Atomistic Molecular Dynamics Simulation Study of a Hybrid Poly (ethylene oxide) / Silica Nanoparticle System »,**book of the conference **2014 ,**  **10th Hellenic Polymer Society Conference**
* **Structural and Conformational Properties of Poly(ethylene oxide ) / Silica Nanoparticle : Effect of Confinement** , Macromolecules **2017 , 50 , 6273-6284**
* **Cooperative Self–Assemble Enables Two-Dimensional H-type Aggregation of a Sterically Crowded Perylene –Bisimide Dimer »,** *Cryst. Growth Des****. 2019, 19, 8, 4252–4263***
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