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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](mailto:byronsotpetrakis@gmail.com) , [v.petrakis@inn.demokritos.gr](mailto: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 20/9/2012  20/11/2012 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  |  | | --- | | * **«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*** | |