

***Dr. Milica Pošarac-Marković***

*Vinča Institute of Nuclear Sciences*

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| **AREAS OF EXPERTISE** |

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| * Synthesis and characterization of ceramic composite materials
 | * Synthesis and characterization of nanomaterials
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| **EDUCATION** |

**Ph.D. in Chemistry,** Faculty of Technology and Metallurgy, University of Belgrade, Serbia

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| **PROFESIONAL EXPERIENCE** |

**Vinca Institute of Nuclear Sciences**

 Assistant Research Professor 2014. - present

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| **HONORS** |

2008 Fellowship for Young Researchers, Women in Nano - Winter School, held under the auspices of the EC-FP6, Specific Support Action: ''Strengthening the Role of Women Scientists in Nano-Science'', Kranjska Gora, Slovenia

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| **SUPERVISION OF GRADUATE STUDENTS** |

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| **INVITED TALKS** |

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| **COLLABORATIVE PROJECTS** |

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| **NUMBER OF PUBLICATIONS & CITATIONS** |

* 22 publications in peer reviewed journals.
* Citations without self-citations: 216

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| **LIST OF SELECTED PAPERS** |

1. Krsmanovic-Whiffen Radenka, Antic Zeljka, Milicevic Bojana, **Posarac-Markovic Milica B**, Janackovic Djordje T, Dramicanin Miroslav D, Brik Mikhail G, Steins Ints, Veljovic Djordje N (2014) Polycrystalline (Y0.7Gd0.3)2O3:Eu3+ ceramics fabricated by Spark Plasma Sintering: Densification and microstructure development, CERAMICS INTERNATIONAL, vol. 40, br. 6, str. 8853-8862
2. Ilic Svetlana M, Zec Slavica P, Miljkovic Miroslav M, Poleti Dejan D, **Posarac-Markovic Milica B**, Janackovic Djordje T, Matovic Branko Z (2014) Sol-gel synthesis and characterization of iron doped mullite, JOURNAL OF ALLOYS AND COMPOUNDS, vol. 612, br. , str. 259-264
3. **Posarac-Markovic Milica B**, Veljovic Djordje N, Devecerski Aleksandar B, Matovic Branko Z, Volkov-Husovic Tatjana D (2013) Nondestructive evaluation of surface degradation of silicon carbide-cordierite ceramics subjected to the erosive wear, MATERIALS & DESIGN, vol. 52, br. , str. 295-299
4. **Posarac Milica B**, Dimitrijevic Marija M, Majstorovic Jelena, Volkov-Husovic Tatjana D, Matovic Branko Z (2010) Nondestructive Testing of Thermal Shock Resistance of Cordierite/Silicon Carbide Composite Materials After Cyclic Thermal Shock, RESEARCH IN NONDESTRUCTIVE EVALUATION, vol. 21, br. 1, str. 48-59