

Barbora Bartova

List of Publications by Year in descending order

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16
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| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Encapsulation of Conjugated Oligomers in Single-Walled Carbon Nanotubes: Towards Nanohybrids for Photonic Devices. <i>Advanced Materials</i> , 2010, 22, 1635-1639. | 21.0 | 112 |
| 2 | Nanoscale mechanism of UO ₂ formation through uranium reduction by magnetite. <i>Nature Communications</i> , 2020, 11, 4001. | 12.8 | 57 |
| 3 | Arsenic Speciation in Mekong Delta Sediments Depends on Their Depositional Environment. <i>Environmental Science & Technology</i> , 2018, 52, 3431-3439. | 10.0 | 50 |
| 4 | Electronic Interactions between π -Pea π and π -Pod π : The Case of Oligothiophenes Encapsulated in Carbon Nanotubes. <i>Small</i> , 2011, 7, 1807-1815. | 10.0 | 37 |
| 5 | Characterization of rare-earth doped Lu ₂ O ₃ nanopowders prepared with polymer complex solution synthesis. <i>Journal of Alloys and Compounds</i> , 2010, 505, 224-228. | 5.5 | 33 |
| 6 | Variability in DPA and Calcium Content in the Spores of Clostridium Species. <i>Frontiers in Microbiology</i> , 2016, 7, 1791. | 3.5 | 27 |
| 7 | Products of in Situ Corrosion of Depleted Uranium Ammunition in Bosnia and Herzegovina Soils. <i>Environmental Science & Technology</i> , 2016, 50, 12266-12274. | 10.0 | 25 |
| 8 | Structural and spectroscopic studies of Eu ³⁺ doped Lu ₂ O ₃ -Gd ₂ O ₃ solid solutions. <i>Optical Materials</i> , 2014, 36, 1083-1091. | 3.6 | 24 |
| 9 | Colloidal Size and Redox State of Uranium Species in the Porewater of a Pristine Mountain Wetland. <i>Environmental Science & Technology</i> , 2019, 53, 9361-9369. | 10.0 | 21 |
| 10 | Effect of Aging on the Stability of Microbially Reduced Uranium in Natural Sediment. <i>Environmental Science & Technology</i> , 2020, 54, 613-620. | 10.0 | 19 |
| 11 | Preparation, structural and spectroscopic studies of (Y _x Lu _{1-x}) ₂ O ₃ :Eu ³⁺ nanopowders. <i>Optical Materials</i> , 2010, 32, 1612-1617. | 3.6 | 15 |
| 12 | Fabrication of polycrystalline (Y _{0.7} Gd _{0.3}) ₂ O ₃ :Eu ³⁺ ceramics: The influence of initial pressure and sintering temperature on its morphology and photoluminescence activity. <i>Ceramics International</i> , 2012, 38, 1303-1313. | 4.8 | 14 |
| 13 | (Y _{0.5} Lu _{0.5}) ₂ O ₃ :Eu ³⁺ nanopowders: Combustion synthesis, structure and optical properties. <i>Radiation Measurements</i> , 2010, 45, 438-440. | 1.4 | 7 |
| 14 | Persistence of the Isotopic Signature of Pentavalent Uranium in Magnetite. <i>Environmental Science & Technology</i> , 2022, 56, 1753-1762. | 10.0 | 7 |
| 15 | Eu ³⁺ -doped (Y _{0.5} La _{0.5}) ₂ O ₃ : new nanophosphor with the bixbyite cubic structure. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1. | 1.9 | 6 |
| 16 | Implantation of <i>Bacillus pseudomycoloides</i> Chromate Transporter Increases Chromate Tolerance in <i>Bacillus subtilis</i> . <i>Frontiers in Microbiology</i> , 2022, 13, 842623. | 3.5 | 2 |