

# Barbora Bartova

## List of Publications by Year in descending order

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16  
papers

456  
citations

759233

12  
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940533

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16  
docs citations

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times ranked

692  
citing authors

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