

# Emma Vovkotrub

## List of Publications by Year in descending order

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14  
papers

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Upconversion luminescence in Er <sup>3+</sup> /Yb <sup>3+</sup> codoped Y <sub>2</sub> CaGe <sub>4</sub> O <sub>12</sub> . Journal of Alloys and Compounds, 2011, 509, 1339-1346.	5.5	59
2	Thermal stability of nanoparticle size and phase composition of nanostructured Ag <sub>2</sub> S silver sulfide. Journal of Alloys and Compounds, 2018, 766, 140-148.	5.5	29
3	Micro-Raman Spectroscopy of Nanostructured Silver Sulfide. Doklady Physical Chemistry, 2018, 480, 81-84.	0.9	29
4	The influence of the glass additive Li <sub>2</sub> O-B <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> on the phase composition, conductivity, and microstructure of the Li <sub>7</sub> La <sub>3</sub> Zr <sub>2</sub> O <sub>12</sub> . Journal of Alloys and Compounds, 2018, 765, 841-847.	5.5	25
5	Crystal structure and spectroscopic properties of garnet-type Li <sub>7</sub> La <sub>3</sub> Hf <sub>2</sub> O <sub>12</sub> :Eu <sup>3+</sup> . Journal of Alloys and Compounds, 2016, 686, 204-215.	5.5	24
6	Structural and Vibrational Properties of the Ordered Y <sub>2</sub> CaGe <sub>4</sub> O <sub>12</sub> Germanate: A Periodic Ab Initio Study. Journal of Physical Chemistry C, 2014, 118, 8090-8101.	3.1	18
7	Synthesis and structural study of a new group of trigermanates, CaRE <sub>2</sub> Ge <sub>3</sub> O <sub>10</sub> (RE = La, Yb). CrystEngComm, 2015, 17, 3333-3344.	2.6	15
8	Synthesis of and characterization of freestanding, high-hierarchically structured graphene-nanodiamond films. Materials and Design, 2017, 135, 343-352.	7.0	14
9	Electric Conductivity of Lithium Metazirconate. Russian Journal of Electrochemistry, 2018, 54, 709-713.	0.9	12
10	Fe and C doped TiO <sub>2</sub> with different aggregate architecture: Synthesis, optical, spectral and photocatalytic properties, first-principle calculation. Journal of Physics and Chemistry of Solids, 2017, 111, 473-486.	4.0	8
11	Physicochemical Properties of Li <sub>6</sub> V <sub>5</sub> O <sub>15</sub> as the Cathode Material for Lithium-Ion Batteries. Russian Journal of Electrochemistry, 2018, 54, 702-708.	0.9	2
12	Synthesis, Structure, and Thermal Properties of Ca <sub>5</sub> Ga <sub>6</sub> O <sub>14</sub> . Russian Journal of Physical Chemistry A, 2018, 92, 1243-1247.	0.6	2
13	Photoinduced Oxidation of a Surface of CaV <sub>0.5</sub> Mo <sub>0.5</sub> O <sub>3</sub> . Russian Journal of Physical Chemistry A, 2018, 92, 195-199.	0.6	1
14	Determination of the Region of Thermal Stability of the Size and Phase Composition of Silver-Sulfide Semiconductor Nanoparticles. Semiconductors, 2018, 52, 1763-1769.	0.5	1