

# Karolina Kniec

## List of Publications by Year in descending order

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Version: 2024-02-01

6  
papers

75  
citations

2148532

4  
h-index

2070828

6  
g-index

6  
all docs

6  
docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	A ratiometric and lifetime-based luminescent thermometer exploiting the $\text{Co}^{3+}$ luminescence in $\text{CaAl}_2\text{O}_4:\text{Co}^{3+}$ and $\text{CaAl}_2\text{O}_4:\text{Co}^{3+},\text{Nd}^{3+}$ . <i>Journal of Materials Chemistry C</i> , 2022, 10, 9278-9286.	2.7	7
2	Role of $\text{SiO}_2$ Coating on $\text{YAG}:\text{V}^{3+},\text{Nd}^{3+}$ Nanoparticles in Luminescence Thermometry. <i>ACS Applied Nano Materials</i> , 2022, 5, 8271-8278.	2.4	2
3	$\text{LiAl}_5\text{O}_8:\text{Fe}^{3+}$ and $\text{LiAl}_5\text{O}_8:\text{Fe}^{3+}, \text{Nd}^{3+}$ as a New Luminescent Nanothermometer Operating in 1st Biological Optical Window. <i>Nanomaterials</i> , 2020, 10, 189.	1.9	31
4	ZrB <sub>2</sub> matrix composites with $\text{Cr}^{3+}/\text{Nd}^{3+}$ doped $\text{Al}_2\text{O}_3$ luminescent nanoparticles for non-contact temperature sensing. <i>Processing and Application of Ceramics</i> , 2020, 14, 181-187.	0.4	1
5	Different Strategies of Stabilization of Vanadium Oxidation States in $\text{La}_2\text{O}_3$ Nanocrystals. <i>Frontiers in Chemistry</i> , 2019, 7, 520.	1.8	8
6	Enhancing the Relative Sensitivity of $\text{V}^{5+}, \text{V}^{4+}$ and $\text{V}^{3+}$ Based Luminescent Thermometer by the Optimization of the Stoichiometry of $\text{Y}_3\text{Al}_5\text{GaxO}_{12}$ Nanocrystals. <i>Nanomaterials</i> , 2019, 9, 1375.	1.9	26