

# Maya Abdou

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

636  
citations

623734

14  
h-index

996975

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g-index

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15  
docs citations

15  
times ranked

326  
citing authors

#	ARTICLE	IF	CITATIONS
1	On comparison of luminescence properties of $\text{La}_{2}\text{Zr}_{2}\text{O}_{7}$ and $\text{La}_{2}\text{Hf}_{2}\text{O}_{7}$ nanoparticles. Journal of the American Ceramic Society, 2020, 103, 235-248.	3.8	38
2	Lanthanide-doped lanthanum hafnate nanoparticles as multicolor phosphors for warm white lighting and scintillators. Chemical Engineering Journal, 2020, 379, 122314.	12.7	99
3	Optical properties of undoped, $\text{Eu}^{3+}$ doped and $\text{Li}^{+}$ co-doped $\text{Y}_{2}\text{Hf}_{2}\text{O}_{7}$ nanoparticles and polymer nanocomposite films. Inorganic Chemistry Frontiers, 2020, 7, 505-518.	6.0	43
4	$\text{Li}^{+}$ co-doping induced phase transition as an efficient strategy to enhance upconversion of $\text{La}_{2}\text{Zr}_{2}\text{O}_{7}:\text{Er},\text{Yb}$ nanoparticles. Journal of Luminescence, 2020, 224, 117312.	3.1	24
5	Visible and ultraviolet upconversion and near infrared downconversion luminescence from lanthanide doped $\text{La}_{2}\text{Zr}_{2}\text{O}_{7}$ nanoparticles. Journal of Luminescence, 2019, 214, 116591.	3.1	30
6	Size, structure, and luminescence of $\text{Nd}_{2}\text{Zr}_{2}\text{O}_{7}$ nanoparticles by molten salt synthesis. Journal of Materials Science, 2019, 54, 12411-12423.	3.7	19
7	Roles of oxygen vacancies and pH induced size changes on photo- and radioluminescence of undoped and $\text{Eu}^{3+}$ -doped $\text{La}_{2}\text{Zr}_{2}\text{O}_{7}$ nanoparticles. Journal of Luminescence, 2019, 209, 302-315.	3.1	36
8	Insight into the effect of A-site cations on structural and optical properties of $\text{RE}_{2}\text{Hf}_{2}\text{O}_{7}:\text{U}$ nanoparticles. Journal of Luminescence, 2019, 210, 425-434.	3.1	16
9	Thermally Induced Disorder-Order Phase Transition of $\text{Gd}_{2}\text{Hf}_{2}\text{O}_{7}:\text{Eu}^{3+}$ Nanoparticles and Its Implication on Photo- and Radioluminescence. ACS Omega, 2019, 4, 2779-2791.	3.5	61
10	Samarium-Activated $\text{La}_{2}\text{Hf}_{2}\text{O}_{7}$ Nanoparticles as Multifunctional Phosphors. ACS Omega, 2019, 4, 17956-17966.	3.5	44
11	Molten-Salt Synthesis of Complex Metal Oxide Nanoparticles. Journal of Visualized Experiments, 2018, , .	0.3	6
12	Correlating Structure and Luminescence Properties of Undoped and $\text{Eu}^{3+}$ -Doped $\text{La}_{2}\text{Hf}_{2}\text{O}_{7}$ Nanoparticles Prepared with Different Coprecipitating pH Values through Experimental and Theoretical Studies. Inorganic Chemistry, 2018, 57, 11815-11830.	4.0	61
13	Effect of Molten Salt Synthesis Processing Duration on the Photo- and Radioluminescence of UV-, Visible-, and X-ray-Excitable $\text{La}_{2}\text{Hf}_{2}\text{O}_{7}:\text{Eu}^{3+}$ Nanoparticles. ACS Omega, 2018, 3, 7757-7770.	3.5	47
14	On structure and phase transformation of uranium doped $\text{La}_{2}\text{Hf}_{2}\text{O}_{7}$ nanoparticles as an efficient nuclear waste host. Materials Chemistry Frontiers, 2018, 2, 2201-2211.	5.9	58
15	Thermal annealing effects on $\text{La}_{2}\text{Hf}_{2}\text{O}_{7}:\text{Eu}^{3+}$ nanoparticles: a curious case study of structural evolution and site-specific photo- and radio-luminescence. Inorganic Chemistry Frontiers, 2018, 5, 2508-2521.	6.0	54