

Jae-Yong Jung

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Structure and Photoluminescence Properties of Rare-Earth (Dy ³⁺ , Tb ³⁺ , Sm ³⁺)-Doped BaWO ₄ Phosphors Synthesized via Co-Precipitation for Anti-Counterfeiting. <i>Materials</i> , 2020, 13, 4165.	2.9	29
2	Tunable color emission of transparent boron nitride nanophosphors towards anti-counterfeiting application. <i>Journal of Alloys and Compounds</i> , 2019, 791, 81-86.	5.5	22
3	The structure and luminescence of boron nitride doped with Ce ions. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	2.3	14
4	Boron Nitride Nanoparticle Phosphors for Use in Transparent Films for Deep-UV Detection and White Light-Emitting Diodes. <i>ACS Applied Nano Materials</i> , 2021, 4, 3529-3536.	5.0	11
5	Calcium Tungstate Doped with Rare Earth Ions Synthesized at Low Temperatures for Photoactive Composite and Anti-Counterfeiting Applications. <i>Crystals</i> , 2021, 11, 1214.	2.2	9
6	Structure, Luminescence, and Magnetic Properties of Crystalline Manganese Tungstate Doped with Rare Earth Ion. <i>Materials</i> , 2021, 14, 3717.	2.9	8
7	Fabricated Flexible Composite for a UV-LED Color Filter and Anti-Counterfeiting Application of Calcium Molybdate Phosphor Synthesized at Room Temperature. <i>Materials</i> , 2022, 15, 2078.	2.9	8
8	Luminescent Color-Adjustable Europium and Terbium Co-Doped Strontium Molybdate Phosphors Synthesized at Room Temperature Applied to Flexible Composite for LED Filter. <i>Crystals</i> , 2022, 12, 552.	2.2	8
9	Enhanced Crystallinity and Luminescence Characteristics of Hexagonal Boron Nitride Doped with Cerium Ions According to Tempering Temperatures. <i>Materials</i> , 2021, 14, 193.	2.9	7
10	Rare earth doped organic-inorganic hybrid polyhedral oligomeric silsesquioxane phosphors applied for flexible sheet and anti-counterfeiting. <i>Materials Express</i> , 2021, 11, 1732-1738.	0.5	5
11	Improved stability of CdSeS/ZnS quantum dots against temperature, humidity, and UV-O ₃ by encapsulation in crosslinked polystyrene beads. <i>Journal of Materials Science</i> , 2021, 56, 12315-12325.	3.7	4
12	Applied to anti-counterfeiting and flexible composite utilizing photoluminescence properties of CdSe/ZnS nanocrystal quantum dots via hot-injection. <i>Materials Express</i> , 2021, 11, 1554-1560.	0.5	4
13	Synthesis of Barium Tungstate Up-Conversion Phosphor Applied in Temperature Sensing and Anti-Counterfeiting. <i>ECS Journal of Solid State Science and Technology</i> , 2022, 11, 076005.	1.8	4
14	Room Temperature Synthesis of Various Color Emission Rare-Earth Doped Strontium Tungstate Phosphors Applicable to Fingerprint Identification. <i>Crystals</i> , 2022, 12, 915.	2.2	2
15	Enhanced Photoluminescence Properties of Polyhedral Oligomeric Silsesquioxane-Based Hybrid Phosphors for Anti-Counterfeiting and Flexible Composite Applications. <i>Science of Advanced Materials</i> , 2021, 13, 748-754.	0.7	1