

Joo Yeon D Roh

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Quantum-Cutting Ytterbium-Doped CsPb(Cl _x Br _{3-x}) ₃ Perovskite Thin Films with Photoluminescence Quantum Yields over 190%. ACS Energy Letters, 2018, 3, 2390-2395.	17.4	136
2	Single-Source Vapor Deposition of Quantum-Cutting Yb ³⁺ :CsPb(Cl _x Br _{3-x}) ₃ and Other Complex Metal-Halide Perovskites. ACS Applied Energy Materials, 2019, 2, 4560-4565.	5.1	44
3	speciation and energy-transfer dynamics in quantum-cutting Yb ³⁺ :CsPb(Cl _x Br _{3-x}) ₃ perovskite thin films. Physical Review Materials, 2020, 4, 043301.	2.4	33
4	Ubiquitous Near-Band-Edge Defect State in Rare-Earth-Doped Lead-Halide Perovskites. Chemistry of Materials, 2022, 34, 3759-3769.	6.7	11
5	Hydrothermal Synthesis and Solid-State Laser Refrigeration of Ytterbium-Doped Potassium-Lutetium-Fluoride (KLF) Microcrystals. Chemistry of Materials, 2021, 33, 4417-4424.	6.7	10