

# Jinghan Gao

## List of Publications by Year in descending order

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15  
papers

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docs citations

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times ranked

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citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Domain Structures and Temperature Induced Phase Transitions in Perovskite Molecular $3\text{NH}_4\text{Cl}$ . ChemistrySelect, 2022, 7, .  | 1.5 | 0         |
| 2  | Ambipolar Field-Effect Transistor Based on $\text{CH}_3\text{NH}_3\text{PbI}_3$ Microwires. ChemistrySelect, 2021, 6, 6256-6259.   | 1.5 | 1         |
| 3  | Impact of peripheral groups on novel asymmetric phthalocyanine-based hole-transporting materials for perovskite solar cells. Dyes and Pigments, 2020, 177, 108301.   | 3.7 | 8         |
| 4  | A green method to prepare magnetically recyclable $\text{Bi/Bi}_{25}\text{FeO}_{40}\text{-C}$ nanocomposites for photocatalytic hydrogen generation. Applied Surface Science, 2020, 521, 146342.   | 6.1 | 12        |
| 5  | Preparation of a Magnetic Multiwalled Carbon Nanotube-Gold Nanoparticle Hybrid Material for the Efficient Extraction of Triazine Herbicides from Rice. Analytical Letters, 2020, 53, 1740-1756.  | 1.8 | 6         |
| 6  | Giant Negative Electrocaloric Effect in $(\text{Pb},\text{La})(\text{Zr},\text{Sn},\text{Ti})\text{O}_3$ Antiferroelectrics Near Room Temperature. ACS Applied Materials & Interfaces, 2018, 10, 11747-11755.  | 8.0 | 75        |
| 7  | Field induced phase transitions and energy harvesting performance of $(\text{Pb},\text{La})(\text{Zr},\text{Sn},\text{Ti})\text{O}_3$ single crystal. Journal of Applied Physics, 2017, 121, .   | 2.5 | 26        |
| 8  | Phase transformations, anisotropic pyroelectric energy harvesting and electrocaloric properties of $(\text{Pb},\text{La})(\text{Zr},\text{Sn},\text{Ti})\text{O}_3$ single crystals. Physical Chemistry Chemical Physics, 2017, 19, 13534-13546.                                       | 2.8 | 37        |
| 9  | Electric Field-Induced Phase Transition Behaviors, Thermal Depolarization, and Enhanced Pyroelectric Properties of $(\text{Pb}_{0.97}\text{La}_{0.02})(\text{Zr}_x\text{Sn}_{0.89}\text{Ti}_{0.11})\text{O}_3$ Ceramics. Journal of the American Ceramic Society, 2016, 99, 2047-2054. | 3.8 | 18        |
| 10 | Structural phase transition, depolarization and enhanced pyroelectric properties of $(\text{Pb}_{1-1.5x}\text{La}_x)(\text{Zr}_{0.66}\text{Sn}_{0.23}\text{Ti}_{0.11})\text{O}_3$ solid solution. Journal of Materials Chemistry C, 2016, 4, 7110-7118.                                | 3.8 | 34        |
| 11 | Electric field induced phase transition and domain structure evolution in $(\text{Pb}, \text{La})(\text{Zr}, \text{Sn}, \text{Ti})\text{O}_3$ single crystal. Applied Physics Letters, 2015, 107, .  | 3.3 | 28        |
| 12 | Enhanced temperature stability in Tb-doped $(\text{Ba}_{0.99}\text{Ca}_{0.01})(\text{Ti}_{0.98}\text{Zr}_{0.02})\text{O}_3$ lead free ceramics. Ceramics International, 2015, 41, 2497-2501.   | 4.8 | 26        |
| 13 | Electric field induced metastable ferroelectric phase and its behavior in $(\text{Pb}, \text{La})(\text{Zr}, \text{Sn}, \text{Ti})\text{O}_3$ antiferroelectric single crystal near morphotropic phase boundary. Applied Physics Letters, 2014, 104, .                                 | 3.3 | 37        |
| 14 | Structure Evolution and Electrical Properties of $\text{Y}^{3+}$ -Doped $\text{Ba}_{1-x}\text{Ca}_x\text{Zr}_x\text{Sn}_{1-x}\text{Ti}_x\text{O}_3$ Ceramics. Journal of the American Ceramic Society, 2014, 97, 2076-2081.  | 2.8 | 26        |
| 15 | Synthesis and characterization of $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ relaxor ferroelectrics modified by $\text{Ba}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ . Ceramics International, 2014, 40, 487-493.  | 4.8 | 5         |