



***inorganics***



*Special Issue Reprint*

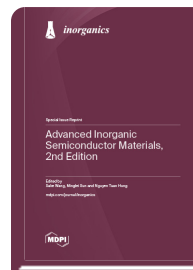
## **Advanced Inorganic Semiconductor Materials, 2nd Edition**

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This reprint of the Special Issue, titled “Advanced Inorganic Semiconductor Materials, 2nd Edition”, presents a curated collection of original research articles and comprehensive reviews that highlight the latest breakthroughs in the synthesis, characterization, and application of inorganic semiconductors. Covering a wide spectrum of topics—ranging from metal–halide perovskites and 2D materials to photocatalytic nanostructures, dielectric polymers, and transition metal dichalcogenides—this volume reflects the dynamic evolution of material design for energy, environmental, electronic, and optoelectronic applications.

With contributions from leading researchers across China, Mexico, Norway, Portugal, Romania, Saudi Arabia, and Vietnam, this edition offers global perspectives and interdisciplinary insights into semiconductor materials science. It is an essential resource for scientists, engineers, and students interested in the current trends and future directions of inorganic semiconductors.



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