



metals



Special Issue Reprint

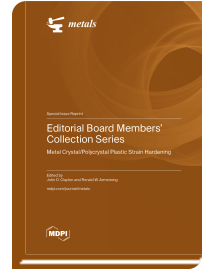
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A Special Issue of *Metals*, entitled “Metal Crystal/Polycrystal Plastic Strain Hardening”, was initiated in 2022 by the late Professor Ronald W. Armstrong to advance the current state of the art. In its final form (2025), this issue comprises ten published works: a closing Editorial article, an initial Editorial article, six regular research papers, one research communication, and one review article. This Reprint collates all ten contributions. These works collectively enhance our current understanding of the effects of dislocations, microstructures, chemistry, and loading conditions on the mechanics and thermodynamics of metals across a range of length and time scales. The diverse content of this Reprint should be of interest to researchers in the fields of engineering mechanics, materials science, and metallurgy.



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