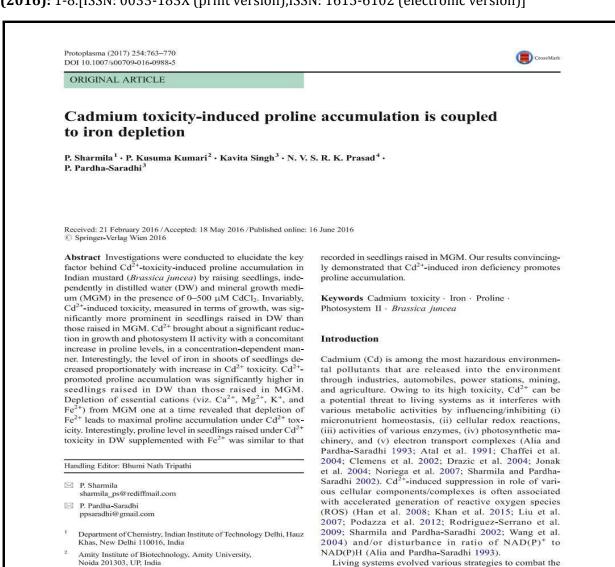
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Living systems evolved various strategies to combat the negative impact of various heavy metals including Cd²⁺, on cellular metabolism. One of such strategies is the accumulation of a compatible solute, proline, which plays a vital role in (i) scavenging reactive oxygen species (Alia