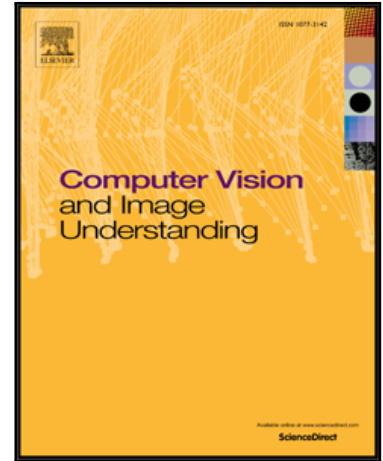


## Accepted Manuscript

Simple to Complex Cross-modal Learning to Rank

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**Highlights**

- We learn a more optimal multi-modal embedding space gradually from easy to more complex rankings
- We employ non-linear mapping functions to establish the multi-modal embedding space for more sophisticated cross-modal correspondence
- An efficient alternative algorithm is exploited to solve the proposed challenging problem with a fast convergence in practice.

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