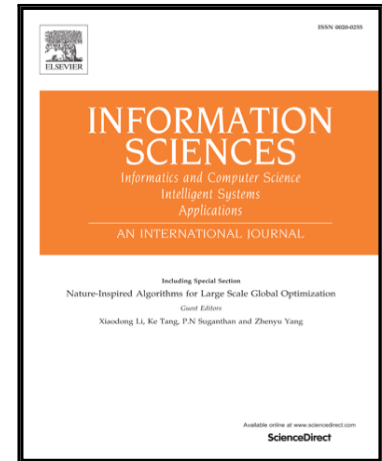


Accepted Manuscript

Spatial Multi-scale Gradient Orientation Consistency for Place Instance and Scene Category Recognition

Changxin Gao, Nong Sang, Rui Huang

PII: S0020-0255(16)30600-4  
DOI: [10.1016/j.ins.2016.08.035](https://doi.org/10.1016/j.ins.2016.08.035)  
Reference: INS 12438



To appear in: *Information Sciences*

Received date: 5 July 2013  
Revised date: 26 March 2016  
Accepted date: 11 August 2016

Please cite this article as: Changxin Gao, Nong Sang, Rui Huang, Spatial Multi-scale Gradient Orientation Consistency for Place Instance and Scene Category Recognition, *Information Sciences* (2016), doi: [10.1016/j.ins.2016.08.035](https://doi.org/10.1016/j.ins.2016.08.035)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**Highlights**

- Gradient Orientation Consistency (GOC) was proposed to encode local structure of images.
- The GOC feature is more robust to illumination variances.
- The spatial multi-scale GOC histogram could achieve competitive performance for both place instance and scene category recognition.

Download English Version:

<https://daneshyari.com/en/article/4944756>

Download Persian Version:

<https://daneshyari.com/article/4944756>

[Daneshyari.com](https://daneshyari.com)