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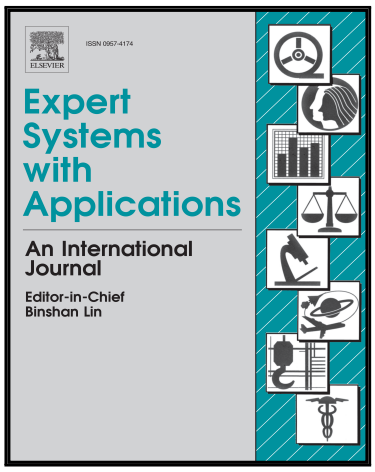

Categorizing Paintings in Art Styles based on Qualitative Color Descriptors, Quantitative Global Features and Machine Learning (QArt-Learn)

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PII: S0957-4174(17)30812-6
DOI: 10.1016/j.eswa.2017.11.056
Reference: ESWA 11699

To appear in: *Expert Systems With Applications*

Received date: 31 July 2017
Revised date: 17 October 2017
Accepted date: 30 November 2017

Please cite this article as: Zoe Falomir, Lledó Museros, Ismael Sanz, Luis Gonzalez-Abril, Categorizing Paintings in Art Styles based on Qualitative Color Descriptors, Quantitative Global Features and Machine Learning (QArt-Learn), *Expert Systems With Applications* (2017), doi: 10.1016/j.eswa.2017.11.056

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Highlights

- QArt-Learn categorizes Baroque, Impressionism and Post-Impressionism painting styles.
- It uses Qualitative Colors (QC) that describe style color palettes linguistically.
- K-NN and SVM classifiers learned QCs and global average features of paintings.
- A 252-painting-set was extracted from Painting-91 corresponding to these styles.
- Accuracy of categorization higher than 65% was obtained in this dataset.

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