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Abstract: The proceedings contain 61 papers. The topics discussed include: chaotic image encryption algorithm based on higher and lower bit image operations; low-illuminance color image enhancement method based on gradient domain guided filtering; what's wrong with the tongue: color grading quantization based on hyperspectral images; research on cooperative signal and information processing in wireless sensor network; dispersive

selected mapping without side information for PAPR reduction in FBMC/OQAM; research on image reliable transferring and compression based on coding theory; low-light image enhancement based on deep convolutional neural networks; and densely connected convolutional networks for breast cancer histopathological image classification.

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