# SCI-Preparing

## A

## B

### 帮助

01 the fused image assists the physician in disease diagnosis for effective treatment planning

02 However, the NN based method relies too much on a large number of parameters manually set, which is not conducive to the adaptive implementation of the fusion process

### 包含

Medical image fusion encompasses a broad range of general image fusion techniques to integrate complementary information from different modalities of medical images.

## C

## D

## E

## F

## G

### 改进

Results demonstrate a significant improvement of compressed MR image reconstruction on four medical MRI datasets

### 更好的

In order to address the deficiencies of MSTs based methods and obtain an encouraging fusion performance

## H

### 合成/混合

01 The fusion process combines multi-modal images to incur（招致） a single image with excellent quality, retaining the information of original images

02 This paper proposes a multi-modal medical image fusion through a weighted blending of high-frequency subbands of nonsubsampled shearlet transform (NSST) domain via chaotic grey wolf optimization algorithm

## I

## J

### 加权

This paper proposes a multi-modal medical image fusion through a weighted blending of high-frequency subbands of nonsubsampled shearlet transform (NSST) domain via chaotic grey wolf optimization algorithm

### 紧支撑

compactly supported

## K

## L

### 良好的效果

The experiment results show that the proposed method achieves competitive performance in both the image quantity and computational costs

## M

## N

### 能够

Compressed sensing (CS) allows for good reconstruction even when the signal is significantly subsampled compared to the Nyquist sampling

## O

## P

## Q

### 潜力

Compressed sensing has shown great potential in speeding up MR imaging by undersampling

## T

## U

## V

## W

### 无法替代的角色

medical imaging plays an irreplaceable role in modern medical diagnosis and treatment

## X

## Y

### 也就是说

Namely, the MRI image can be represented using a suitable sparsifying transform

### 优于

The experimental results show that our algorithm is superior to some state-of-the-art dictionary learning based techniques in both subjective visual effects and objective evaluation criteria

## Z

### 重要的

01 Medical image fusion has emerged as an impressive technique in merging the medical images of different modalities

### 主观的评估

01 subjective and objective quality assessment

### 最先进的

01 current state-of-the-art image fusion techniques in terms of entropy,