

## 主な研究課題・発表代表論文

整形外科学 Orthopedic Surgery

研究領域 人体機能統御学

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## 主な研究課題

- ・ 特発性大腿骨頭壊死症の診断と治療に関する研究
- ・ 関節のキネマティクスと不安定性に関する研究
- ・ 化膿性関節炎および人工関節置換術後感染の診断と治療に関する研究
- ・ 有限要素法による脊椎・脊髄のバイオメカニクスの研究
- ・ 脊髄機能に対する電気生理学的研究
- ・ 神経再生と創薬研究
- ・ 骨の老化に関する基礎的研究
- ・ ニューロイメージング研究
- ・ ニューロリハビリテーション研究
- ・ AIを用いた運動器疾患の研究

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