

Alec Hughes

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1162843/publications.pdf>

Version: 2024-02-01

5
papers

93
citations

1937685

4
h-index

2053705

5
g-index

5
all docs

5
docs citations

5
times ranked

148
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | The reduction in treatment efficiency at high acoustic powers during ^{MR}-guided transcranial focused ultrasound thalamotomy for Essential Tremor. Medical Physics, 2018, 45, 2925-2936. | 3.0 | 31 |
| 2 | A Noninvasive Ultrasound Resonance Method for Detecting Skull Induced Phase Shifts May Provide a Signal for Adaptive Focusing. IEEE Transactions on Biomedical Engineering, 2020, 67, 2628-2637. | 4.2 | 21 |
| 3 | Design of patient-specific focused ultrasound arrays for non-invasive brain therapy with increased trans-skull transmission and steering range. Physics in Medicine and Biology, 2017, 62, L9-L19. | 3.0 | 20 |
| 4 | A numerical study on the oblique focus in MR-guided transcranial focused ultrasound. Physics in Medicine and Biology, 2016, 61, 8025-8043. | 3.0 | 19 |
| 5 | A Tikhonov Regularization Scheme for Focus Rotations With Focused Ultrasound-Phased Arrays. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2016, 63, 2008-2017. | 3.0 | 2 |