

Wei Fang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3686890/publications.pdf>

Version: 2024-02-01

17
papers

554
citations

1040056

9
h-index

1058476

14
g-index

20
all docs

20
docs citations

20
times ranked

690
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Evaporation of liquid nanofilms: A minireview. <i>Physics of Fluids</i> , 2022, 34, 021302. | 4.0 | 2 |
| 2 | Phototactic Miniature Soft Robots with Terrain Adaptability. <i>Advanced Materials Technologies</i> , 2022, 7, . | 5.8 | 10 |
| 3 | Attenuation image referenced (AIR) effective atom number image calculation for MeV dual-energy container CT using image-domain deep learning framework. <i>Results in Physics</i> , 2022, 35, 105406. | 4.1 | 4 |
| 4 | Multi-functional topology optimization of <i>Victoria cruziana</i> veins. <i>Journal of the Royal Society Interface</i> , 2022, 19, . | 3.4 | 4 |
| 5 | Iterative material decomposition for spectral CT using self-supervised Noise2Noise prior. <i>Physics in Medicine and Biology</i> , 2021, 66, 155013. | 3.0 | 17 |
| 6 | Breaking the symmetry to suppress the Plateau-Rayleigh instability and optimize hydropower utilization. <i>Nature Communications</i> , 2021, 12, 6899. | 12.8 | 32 |
| 7 | Optocapillarity-driven assembly and reconfiguration of liquid crystal polymer actuators. <i>Nature Communications</i> , 2020, 11, 5780. | 12.8 | 23 |
| 8 | Droplet Precise Self-Splitting on Patterned Adhesive Surfaces for Simultaneous Multidetector (Angew. Chem. 26/2020). <i>Angewandte Chemie</i> , 2020, 132, 10754-10754. | 2.0 | 0 |
| 9 | Removing Ring Artefacts for Photon-Counting Detectors Using Neural Networks in Different Domains. <i>IEEE Access</i> , 2020, 8, 42447-42457. | 4.2 | 15 |
| 10 | Droplet Precise Self-Splitting on Patterned Adhesive Surfaces for Simultaneous Multidetector. <i>Angewandte Chemie</i> , 2020, 132, 10622-10626. | 2.0 | 5 |
| 11 | Droplet Precise Self-Splitting on Patterned Adhesive Surfaces for Simultaneous Multidetector. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10535-10539. | 13.8 | 65 |
| 12 | Direct Dual Energy CT Material Decomposition Using Noise2Noise Prior. , 2020, , . | | 0 |
| 13 | Spontaneous droplets gyrating via asymmetric self-splitting on heterogeneous surfaces. <i>Nature Communications</i> , 2019, 10, 950. | 12.8 | 135 |
| 14 | Comparison of Ring Artifacts Removal by Using Neural Network in Different Domains. , 2019, , . | | 1 |
| 15 | Revisiting the Critical Condition for the Cassie-Wenzel Transition on Micropillar-Structured Surfaces. <i>Langmuir</i> , 2018, 34, 3838-3844. | 3.5 | 45 |
| 16 | Synergistic adhesion mechanisms of spider capture silk. <i>Journal of the Royal Society Interface</i> , 2018, 15, 20170894. | 3.4 | 18 |
| 17 | Printable Skin-Driven Mechanoluminescence Devices via Nanodoped Matrix Modification. <i>Advanced Materials</i> , 2018, 30, e1800291. | 21.0 | 178 |