

# Wei Fang

## List of Publications by Year in descending order

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

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17  
papers

554  
citations

1040056

9  
h-index

1058476

14  
g-index

20  
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20  
docs citations

20  
times ranked

690  
citing authors

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