

# Fangrong Hu

## List of Publications by Year in descending order

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16  
papers

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citations

1163117

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996975

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docs citations

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times ranked

258  
citing authors

#	ARTICLE	IF	CITATIONS
1	Narrowband terahertz metasurface circular polarization beam splitter with large spectral tunability based on lattice-induced chirality. <i>Journal Physics D: Applied Physics</i> , 2022, 55, 105109.	2.8	2
2	Terahertz dynamic $\pi$ -phase modulation with high transmittance using graphene-metal metamaterials. <i>Journal of Optics (United Kingdom)</i> , 2022, 24, 044007.	2.2	2
3	Terahertz bandstop-to-bandpass converter based on VO <sub>2</sub> hybrid metasurface. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 435105.	2.8	15
4	Broadband switchable terahertz half-/quarter-wave plate based on VO <sub>2</sub> -metal hybrid metasurface with over/underdamped transition. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 505111.	2.8	15
5	Tunable terahertz band-pass filter based on MEMS reconfigurable metamaterials. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 065107.	2.8	8
6	Switchable broadband and wide-angular terahertz asymmetric transmission based on a hybrid metal-VO <sub>2</sub> metasurface. <i>Optics Express</i> , 2020, 28, 30675.	3.4	41
7	Broadband switchable terahertz half-/quarter-wave plate based on metal-VO <sub>2</sub> metamaterials. <i>Optics Express</i> , 2020, 28, 30861.	3.4	36
8	Photo-induced high modulation depth terahertz modulator based on VO <sub>x</sub> hybrid structure. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 175103.	2.8	8
9	Multi-band tunable terahertz bandpass filter based on vanadium dioxide hybrid metamaterial. <i>Materials Research Express</i> , 2019, 6, 055809.	1.6	24
10	Mechanically tunable terahertz multi-band bandstop filter based on near field coupling of metamaterials. <i>Materials Research Express</i> , 2019, 6, 055810.	1.6	2
11	Two-Bit Terahertz Encoder Realized by Graphene-Based Metamaterials. <i>Electronics (Switzerland)</i> , 2019, 8, 1528.	3.1	7
12	Ruler equation for precisely tailoring the resonance frequency of terahertz U-shaped metamaterials. <i>Journal of Optics (United Kingdom)</i> , 2019, 21, 025101.	2.2	10
13	Four resonators based high sensitive terahertz metamaterial biosensor used for measuring concentration of protein. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 095105.	2.8	72
14	Analog of electromagnetically induced transparency at terahertz frequency based on a bilayer-double-H-metamaterial. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 025103.	2.8	3
15	Graphene metamaterial hybridization for enhanced terahertz response. <i>Carbon</i> , 2014, 78, 102-112.	10.3	47
16	Terahertz dynamic $\pi$ -phase modulation with high transmittance using graphene-metal metamaterials. <i>Journal of Optics (United Kingdom)</i> , 0, , .	2.2	0