

# Yongsop Hwang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8274592/publications.pdf>

Version: 2024-02-01

21  
papers

357  
citations

840776

11  
h-index

794594

19  
g-index

21  
all docs

21  
docs citations

21  
times ranked

611  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient coupling between single mode fibers and glass chip waveguides via graded refractive index fiber tips. <i>Optics Express</i> , 2022, 30, 12294.	3.4	4
2	Spin-to-orbital angular momentum conversion in symmetric dielectric nanorings. <i>Applied Physics Letters</i> , 2021, 118, 161106.	3.3	3
3	Evolution of topological edge modes from honeycomb photonic crystals to triangular-lattice photonic crystals. <i>Physical Review Research</i> , 2021, 3, .	3.6	15
4	Directional coupling of surface plasmon polaritons at complementary split-ring resonators. <i>Scientific Reports</i> , 2019, 9, 7348.	3.3	8
5	Pneumatically tunable microwave split ring resonators. <i>Sensors and Actuators A: Physical</i> , 2019, 294, 37-44.	4.1	2
6	Broadband High-Efficiency Chiral Splitters and Holograms from Dielectric Nanoarc Metasurfaces. <i>Small</i> , 2019, 15, e1900483.	10.0	33
7	Photonic Nanostructures from Hexagonal Boron Nitride. <i>Advanced Optical Materials</i> , 2019, 7, 1801344.	7.3	37
8	Optical Chemical Barcoding Based on Polarization Controlled Plasmonic Nanopixels. <i>Advanced Functional Materials</i> , 2018, 28, 1704842.	14.9	17
9	Effects of Fano Resonance on Optical Chirality of Planar Plasmonic Nanodevices. <i>ACS Photonics</i> , 2018, 5, 4538-4544.	6.6	16
10	Plasmonic circuit for second-order spatial differentiation at the subwavelength scale. <i>Optics Express</i> , 2018, 26, 7368.	3.4	29
11	Plasmonic Edge States: An Electrostatic Eigenmode Description. <i>ACS Photonics</i> , 2017, 4, 1607-1614.	6.6	20
12	Optical Chirality from Dark-Field Illumination of Planar Plasmonic Nanostructures. <i>Laser and Photonics Reviews</i> , 2017, 11, 1700216.	8.7	11
13	Optical metasurfaces for subwavelength difference operations. <i>Applied Physics Letters</i> , 2016, 109, .	3.3	35
14	Dependence of Q Factor on Surface Roughness in a Plasmonic Cavity. <i>Journal of the Optical Society of Korea</i> , 2016, 20, 188-191.	0.6	6
15	Geometric dependence of metal-coated silicon nanowire plasmonic waveguides. <i>Journal of Optics (United Kingdom)</i> , 2014, 16, 025001.	2.2	3
16	Metal-Coated Silicon Nanowire Plasmonic Waveguides. <i>Applied Physics Express</i> , 2013, 6, 042502.	2.4	7
17	Electrically driven nanobeam laser. <i>Nature Communications</i> , 2013, 4, .	12.8	83
18	Preliminary result of a laser-beam scattering RGB-Depth sensor. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
19	Frequency selective metal-insulator-metal splitters for surface plasmons. Optics Communications, 2011, 284, 4778-4781.	2.1	17
20	Frequency selective heterojunction metal-insulator-metal mirror for surface plasmons. Physical Review B, 2011, 83, .	3.2	3
21	Plasmonic stop band formation in a metal-insulator-metal ring with a narrow gap. Journal of Optics (United Kingdom), 2011, 13, 075006.	2.2	8