

# Hayrettin Odabasi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6577131/publications.pdf>

Version: 2024-02-01

28  
papers

562  
citations

1163117

8  
h-index

1199594

12  
g-index

28  
all docs

28  
docs citations

28  
times ranked

394  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Large Metasurface Aperture for Millimeter Wave Computational Imaging at the Human-Scale. Scientific Reports, 2017, 7, 42650.   | 3.3 | 192       |
| 2  | Comprehensive simulation platform for a metamaterial imaging system. Applied Optics, 2015, 54, 9343.   | 2.1 | 112       |
| 3  | RESOLUTION OF THE FREQUENCY DIVERSE METAMATERIAL APERTURE IMAGER. Progress in Electromagnetics Research, 2015, 150, 97-107.  | 4.4 | 93        |
| 4  | Electrically small, complementary electric-field-coupled resonator antennas. Journal of Applied Physics, 2013, 113, .  | 2.5 | 61        |
| 5  | Impedance-matched absorbers and optical pseudo black holes. Journal of the Optical Society of America B: Optical Physics, 2011, 28, 1317.  | 2.1 | 35        |
| 6  | Electric-field-coupled resonators as metamaterial loadings for waveguide miniaturization. Journal of Applied Physics, 2013, 114, .   | 2.5 | 17        |
| 7  | INVESTIGATION OF ALIGNMENT ERRORS ON MULTI-STATIC MICROWAVE IMAGING BASED ON FREQUENCY-DIVERSE METAMATERIAL APERTURES. Progress in Electromagnetics Research B, 2016, 70, 101-112. | 1.0 | 10        |
| 8  | Launching and controlling Gaussian beams from point sources via planar transformation media. Physical Review B, 2018, 97, .  | 3.2 | 8         |
| 9  | Anisotropic metamaterial blueprints for cladding control of waveguide modes. Journal of the Optical Society of America B: Optical Physics, 2010, 27, 1603.                         | 2.1 | 7         |
| 10 | Analysis of canonical low-profile radiators on isoimpedance metamaterial substrates. Radio Science, 2012, 47, .  | 1.6 | 6         |
| 11 | Security screening via computational imaging using frequency-diverse metasurface apertures. , 2017, , .  |     | 4         |
| 12 | Generalized Veselago-Pendry lenses via complex transformation optics. Optics Express, 2019, 27, 25670.   | 3.4 | 4         |
| 13 | A miniaturized quasi-Yagi antenna using defected ground structure and double dogbone driver. Microwave and Optical Technology Letters, 2022, 64, 358.                              | 1.4 | 4         |
| 14 | Wide-band Meta-surface Antenna for Microwave Brain Imaging systems. , 2021, , .  |     | 3         |
| 15 | Impedance analysis of extremely low-profile antennas using metamaterial substrates. , 2010, , .  |     | 2         |
| 16 | Analysis of metamaterial absorber blueprints for optical "black holes"™. , 2011, , .   |     | 1         |
| 17 | Analysis of cylindrically conformal patch antennas on isoimpedance anisotropic substrates. , 2011, , .   |     | 1         |
| 18 | Complementary electric-field-coupled (CELC) based resonator antennas. , 2013, , .  |     | 1         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | A Dual-Band Microstrip Patch Antenna for Brain-Machine Interface Applications. , 2021, , .   |     | 1         |
| 20 | Metamaterial claddings for waveguide miniaturization. , 2013, , .  |     | 0         |
| 21 | Computational imaging using frequency-diverse metasurfaces. , 2017, , .  |     | 0         |
| 22 | Complex Sources, Gaussian Beams, and Transformation Optics. , 2018, , .  |     | 0         |
| 23 | Real Sources in Complex Spaces. , 2018, , .  |     | 0         |
| 24 | Complex Transformation Optics and Generalized Double Negative Layers. , 2019, , .  |     | 0         |
| 25 | A Miniaturized Quasi-Yagi Antenna with Double Dog-bone Driver. , 2021, , .   |     | 0         |
| 26 | Far-Field Synthesis from Complex Point Souces via Transformation Metamaterials. , 2021, , .  |     | 0         |
| 27 | Controlling waveguide modes using PT transformation media. Turkish Journal of Electrical Engineering and Computer Sciences, 2020, 28, 458-467. | 1.4 | 0         |
| 28 | Limitations and potentials of generalized Veselago-Pendry lenses. Journal of Optics (United Kingdom), 2020, 22, 115101.                        | 2.2 | 0         |