

# Huseyin Ademgil

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3602720/publications.pdf>

Version: 2024-02-01

37  
papers

1,252  
citations

430442

18  
h-index

476904

29  
g-index

37  
all docs

37  
docs citations

37  
times ranked

585  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bending analysis of multi-analyte photonic crystal fiber based surface plasmon resonance sensor. <i>Optical and Quantum Electronics</i> , 2022, 54, 1.	1.5	6
2	Generative Adversarial Neural Networks Model of Photonic Crystal Fiber Based Surface Plasmon Resonance Sensor. <i>Journal of Lightwave Technology</i> , 2021, 39, 1515-1522.	2.7	25
3	Effect of bending on photonic crystal fibre based surface plasmon resonance biosensor. <i>Optik</i> , 2021, 241, 166640.	1.4	9
4	Multi-Channel Photonic Crystal Fiber Based Surface Plasmon Resonance Sensor for Multi-Analyte Sensing. <i>IEEE Photonics Journal</i> , 2020, 12, 1-15.	1.0	59
5	Multianalyte sensing analysis with multilayer photonic crystal fiber-based surface plasmon resonance sensor. <i>Modern Physics Letters B</i> , 2020, 34, 2050375.	1.0	10
6	A theoretical investigation of a photonic crystal fibre with ultra-flattened chromatic dispersion with three zero crossing dispersion wavelengths. <i>Optical Fiber Technology</i> , 2019, 53, 102032.	1.4	6
7	Effect of plasmonic materials on photonic crystal fiber based surface plasmon resonance sensors. <i>Modern Physics Letters B</i> , 2019, 33, 1950157.	1.0	16
8	D-shaped photonic crystal fiber based surface plasmon resonance sensor. , 2018, , .		4
9	Geometrical comparison of photonic crystal fiber-based surface plasmon resonance sensors. <i>Optical Engineering</i> , 2018, 57, 1.	0.5	28
10	Effect of the elliptic rods orientations on the asymmetric light transmission in photonic crystals. <i>Optics Communications</i> , 2017, 392, 147-152.	1.0	7
11	Unidirectional light propagation photonic crystal waveguide incorporating modified defects. <i>Optik</i> , 2017, 130, 1370-1376.	1.4	3
12	Photonic crystal fiber based surface plasmon sensor design and analyze with elliptical air holes. , 2016, , .		4
13	Highly birefringent large mode area photonic crystal fiber-based sensor for interferometry applications. <i>Modern Physics Letters B</i> , 2016, 30, 1650422.	1.0	8
14	Highly birefringent nonlinear PCF for optical sensing of analytes in aqueous solutions. <i>Optik</i> , 2016, 127, 6653-6660.	1.4	54
15	Design and simulation of wideband Microstrip patch antenna for RFID applications. , 2016, , .		3
16	Design and simulation of microstrip patch antenna array for X-Band applications. , 2016, , .		2
17	PCF Based Sensor with High Sensitivity, High Birefringence and Low Confinement Losses for Liquid Analyte Sensing Applications. <i>Sensors</i> , 2015, 15, 31833-31842.	2.1	144
18	Dual core photonic crystal fiber based sensor. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
19	Plasmonic acousto-optic transducer for high frequency surface acoustic waves. , 2014, , .		0
20	Highly sensitive octagonal photonic crystal fiber based sensor. Optik, 2014, 125, 6274-6278.	1.4	131
21	Photonic Crystal Fiber With an Ultrahigh Birefringence and Flattened Dispersion by Using Genetic Algorithms. Journal of Lightwave Technology, 2013, 31, 343-348.	2.7	26
22	Numerical Analysis of a Photonic Crystal Fiber for Biosensing Applications. IEEE Journal of Quantum Electronics, 2012, 48, 1403-1410.	1.0	282
23	Design of Multicavities on Left-Handed Photonic-Crystal-Based Chemical Sensors. Journal of Lightwave Technology, 2012, 30, 3288-3293.	2.7	12
24	Bending loss analysis of photonic crystal fibers. , 2012, , .		1
25	Endlessly single mode photonic crystal fiber with improved effective mode area. Optics Communications, 2012, 285, 1514-1518.	1.0	53
26	Bending insensitive large mode area photonic crystal fiber. Optik, 2011, 122, 1950-1956.	1.4	36
27	Design of a large effective mode area photonic crystal fiber with modified rings. Optics Communications, 2010, 283, 5218-5223.	1.0	32
28	Enhanced Effective Area Photonic Crystal Fiber With Novel Air Hole Design. Journal of Lightwave Technology, 2010, 28, 2810-2817.	2.7	25
29	Highly nonlinear birefringent photonic crystal fiber. Optics Communications, 2009, 282, 2831-2835.	1.0	24
30	An Endlessly Single-Mode Photonic Crystal Fiber With Low Chromatic Dispersion, and Bend and Rotational Insensitivity. Journal of Lightwave Technology, 2009, 27, 3940-3947.	2.7	32
31	Bending Effects on Highly Birefringent Photonic Crystal Fibers With Low Chromatic Dispersion and Low Confinement Losses. Journal of Lightwave Technology, 2009, 27, 559-567.	2.7	42
32	A Nonlinear Switch Based on Irregular Structures and Nonuniformity in Doped Photonic Crystal Fibers. IEEE Journal of Quantum Electronics, 2009, 45, 684-693.	1.0	4
33	Ultrahigh-Birefringent Bending-Insensitive Nonlinear Photonic Crystal Fiber With Low Losses. IEEE Journal of Quantum Electronics, 2009, 45, 351-358.	1.0	21
34	Novel design of photonic crystal fibres with low confinement losses, nearly zero ultra-flattened chromatic dispersion, negative chromatic dispersion and improved effective mode area. Optics Communications, 2008, 281, 278-286.	1.0	87
35	Highly Birefringent Photonic Crystal Fibers With Ultralow Chromatic Dispersion and Low Confinement Losses. Journal of Lightwave Technology, 2008, 26, 441-448.	2.7	53
36	Ultra-High-Speed Deeply Etched Electrooptic Polymer Modulator. IEEE Journal of Quantum Electronics, 2008, 44, 1180-1187.	1.0	2

#	ARTICLE	IF	CITATIONS
37	Simultaneous Sensing of Dual Analyte Photonic Crystal Fiber Based Liquid Sensor. Balkan Journal of Electrical and Computer Engineering, 0, , 434-439.	0.4	0