

Erdem Aslan

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

167
citations

1478505

6
h-index

1372567

10
g-index

16
all docs

16
docs citations

16
times ranked

185
citing authors

#	ARTICLE	IF	CITATIONS
1	Multispectral Cesaro-Type Fractal Plasmonic Nanoantennas. ACS Photonics, 2016, 3, 2102-2111.	6.6	45
2	Polarization insensitive plasmonic perfect absorber with coupled antisymmetric nanorod array. Sensors and Actuators B: Chemical, 2017, 243, 617-625.	7.8	37
3	Experimental and numerical characterization of a mid-infrared plasmonic perfect absorber for dual-band enhanced vibrational spectroscopy. Optical Materials, 2017, 73, 213-222.	3.6	27
4	Metamaterial plasmonic absorber for reducing the spectral shift between near- and far-field responses in surface-enhanced spectroscopy applications. Sensors and Actuators A: Physical, 2017, 267, 60-69.	4.1	20
5	An effective triple-band enhanced-infrared-absorption detection by honeycomb-shaped metamaterial-plasmonic absorber. Sensors and Actuators A: Physical, 2019, 288, 149-155.	4.1	17
6	A comparative study on TiO2 doped hybrid solar cells. Applied Surface Science, 2012, 258, 5259-5264.	6.1	9
7	Germanium hollow nanodisk resonator for magnetic dipole decay rate enhancement in near-infrared. Microwave and Optical Technology Letters, 2021, 63, 279-285.	1.4	6
8	Engineering the boosting of the magnetic Purcell factor with a composite structure based on nanodisk and ring resonators. Journal of Electromagnetic Waves and Applications, 2022, 36, 1339-1351.	1.6	3
9	GALYUM KATKILI ĞĖNKO OKSĖT NANOANTEN ĖLE MĖKROLENS. MĖhendislik Bilimleri Ve TasarĖm Dergisi, 2020, 8, 931-942.	0.3	2
10	Engineering of dual-band magnetic dipole decay rate enhancement with concentric hollow nanodisk resonators. Optical Materials, 2021, 113, 110871.	3.6	1
11	Characterization of a Plasmonic Absorber Structure for Infrared Detection Applications. , 2014, , .		0
12	Optical characterization of Jerusalem cross-shaped nanoaperture antenna arrays. , 2014, , .		0
13	Optical properties of plasmonic nanoantenna arrays based on H-shaped nanoparticles with extended arms. Proceedings of SPIE, 2014, , .	0.8	0
14	Diamond Nanoparticle with Cross Aperture for Improving Absorbance Characteristics of Multispectral Sensors. , 2015, , .		0
15	TĖTANYUM NĖTRĖT NANOĖLİBUK TABANLI GRAFEN ĖLE AYARLANABĖLĖR ORTA-KIZILĖTESĖ METAMALZEMELER. MĖhendislik Bilimleri Ve TasarĖm Dergisi, 2020, 8, 1269-1277.	0.3	0
16	Analysis of Dual-Band Plasmonic Nanoantenna with Ultra-Thin Circular Gold Layers in Visible Region. , 2022, 2, 329-337.		0