

# Erkan Tetik

## List of Publications by Year in descending order

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13  
papers

171  
citations

1307594

7  
h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

191  
citing authors

#	ARTICLE	IF	CITATIONS
1	High pressure phase transition in super-cell LiBH <sub>4</sub> : An ab initio prediction. Chinese Journal of Physics, 2019, 59, 585-590.	3.9	1
2	The effect of a metamaterial-based wearable microstrip patch antenna on the human body. Canadian Journal of Physics, 2018, 96, 796-800.	1.1	3
3	Wideband metamaterial absorber based on CRRs with lumped elements for microwave energy harvesting. Journal of Microwave Power and Electromagnetic Energy, 2018, 52, 45-59.	0.8	34
4	Photonic crystal structures: Beam deflector and beam router. Chinese Physics B, 2018, 27, 044204.	1.4	2
5	Multi-band polarization independent cylindrical metamaterial absorber and sensor application. Modern Physics Letters B, 2016, 30, 1650095.	1.9	25
6	Tunable perfect metamaterial absorber design using the golden ratio and energy harvesting and sensor applications. Journal of Materials Science: Materials in Electronics, 2015, 26, 9735-9740.	2.2	40
7	90° Polarization rotator and antireflector using meanderline chiral metamaterials: Analytical and numerical approach. Optik, 2015, 126, 5587-5592.	2.9	2
8	The electronic properties of doped single walled carbon nanotubes and carbon nanotube sensors. Condensed Matter Physics, 2014, 17, 43301.	0.7	16
9	Low profile antenna radiation enhancement with novel electromagnetic band gap structures. IET Microwaves, Antennas and Propagation, 2013, 7, 215-221.	1.4	17
10	Nanoscale icosahedral packing in amorphous Mg 50 Ni 50 : An ab initio study. Europhysics Letters, 2012, 100, 26002.	2.0	2
11	Ab initio calculation of the structural, elastic, electronic, and linear optical properties of ZrPtSi and TiPtSi ternary compounds. Computational Materials Science, 2012, 62, 235-242.	3.0	15
12	The Electronic Properties of the Graphene and Carbon Nanotubes: <i>Ab Initio</i> Density Functional Theory Investigation. ISRN Nanotechnology, 2012, 2012, 1-7.	1.3	8
13	The effect of a metamaterial based wearable monopole antenna on the human body. Celal Bayar Universitesi Fen Bilimleri Dergisi, 0, , 93-97.	0.5	6