

# HÃ¼seyin Ertap

## List of Publications by Year in descending order

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28  
papers

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citations

840776

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28  
all docs

28  
docs citations

28  
times ranked

312  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of boron addition on the structure and properties of iron phosphate glasses. Journal of Non-Crystalline Solids, 2011, 357, 1455-1462.	3.1	74
2	Influence of boron concentration on nonlinear absorption and ultrafast dynamics in GaSe crystals. Optical Materials, 2016, 60, 74-80.	3.6	25
3	Polaronic Mobility in Boron Doped Iron Phosphate Glasses: Influence of Structural Disorder on Summerfield Scaling. Journal of the American Ceramic Society, 2012, 95, 2007-2014.	3.8	22
4	IR and MÃ¶ssbauer spectroscopic study of cerium iron borophosphate glasses. Journal of Non-Crystalline Solids, 2015, 417-418, 39-44.	3.1	21
5	Structure and properties of hafnium iron borophosphate glass-ceramics. Journal of Non-Crystalline Solids, 2015, 411, 19-25.	3.1	20
6	Polaronic transport in iron phosphate glasses containing HfO <sub>2</sub> and CeO <sub>2</sub> . Physical Chemistry Chemical Physics, 2017, 19, 3999-4009.	2.8	20
7	Two photon absorption characteristics of bulk GaTe crystal. Optics and Laser Technology, 2012, 44, 2178-2181.	4.6	19
8	Exciton photoluminescence, photoconductivity and absorption in GaSe <sub>0.9</sub> Te <sub>0.1</sub> alloy crystals. Journal of Luminescence, 2009, 129, 226-230.	3.1	13
9	Sub-bandgap analysis of boron doped InSe single crystals by constant photocurrent method. Optical Materials, 2014, 37, 70-73.	3.6	13
10	Photoluminescence properties of boron doped InSe single crystals. Journal of Luminescence, 2015, 167, 227-232.	3.1	13
11	Nonlinear absorption, SHG behavior and carrier dynamics of Nd and Pr doped GaSe single crystals. Optical Materials, 2018, 83, 99-103.	3.6	13
12	Structural and optical properties of gallium sulfide thin film. Turkish Journal of Physics, 2016, 40, 297-303.	1.1	12
13	On the structural features of iron-phosphate glasses by Raman and EPR: Observation of superparamagnetic behavior differences in HfO <sub>2</sub> or CeO <sub>2</sub> containing glasses. Journal of Molecular Structure, 2019, 1191, 59-65.	3.6	12
14	Analysis of temperature dependent electrical characteristics of Au/GaSe Schottky barrier diode improved by Ce-doping. Sensors and Actuators A: Physical, 2020, 315, 112264.	4.1	10
15	Poolâ€Frenkel thermoelectric modulation of exciton photoluminescence in GaSe crystals. Journal of Luminescence, 2011, 131, 1376-1379.	3.1	9
16	Linear and nonlinear absorption, SHG and photobleaching behaviors of Dy doped GaSe single crystal. Chinese Journal of Physics, 2019, 59, 465-472.	3.9	9
17	Properties of PbS thin films grown on glass and layered GaSe crystal substrates by chemical bath deposition. Turkish Journal of Physics, 2014, 38, 104-110.	1.1	8
18	Enhancing the blue shift of SHG signal in GaSe:B/Ce crystal. Optics and Laser Technology, 2018, 99, 392-395.	4.6	8

#	ARTICLE	IF	CITATIONS
19	Polaronic Conductivity in Iron Phosphate Glasses Containing B2O3. <i>Materials</i> , 2020, 13, 2505.	2.9	8
20	Frequency conversion, nonlinear absorption and carrier dynamics of GaSe:B/Er crystals. <i>Optical Materials</i> , 2017, 66, 137-141.	3.6	7
21	Structural and electrical properties of boron doped InSe single crystals. <i>Materials Research Express</i> , 2019, 6, 035901.	1.6	5
22	Infrared to visible upconversion emission in Nb <sub>2</sub> O <sub>5</sub> modified tellurite glasses triply doped with rare earth ions. <i>Materials Research Express</i> , 2019, 6, 085203.	1.6	4
23	Current-transport mechanisms in the Au/GaSe:Nd Schottky contact. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 5198-5204.	2.2	3
24	Electrical Transport in Iron Phosphate-Based Glass-(Ceramics): Insights into the Role of B2O3 and HfO2 from Model-Free Scaling Procedures. <i>Nanomaterials</i> , 2022, 12, 639.	4.1	3
25	Nonlinear and saturable absorption properties of PbS nanocrystalline thin films. <i>Chinese Optics Letters</i> , 2013, 11, 093001-93004.	2.9	2
26	Structural and Optical Properties of Indium Selenide (InSe) Thin Films Deposited on Glass and GaSe Single Crystal Substrates by SILAR Method. <i>Cumhuriyet Science Journal</i> , 2019, 40, 602-611.	0.3	1
27	Bridgman TekniÄyi ile BÅ¼yÅ¼tÅ¼len Saf ve Bor KatkÅ± InSe Tek Kristallerinin Morfolojik ve Optik Å-zelliklerinin AraÅtÅrÅlmasÅ±. <i>Journal of the Institute of Science and Technology</i> , 0, , 1090-1101.	0.9	0
28	Synthesis of transparent binary germanate glasses and determination of their shielding performance against the gamma radiation. <i>Radiation Effects and Defects in Solids</i> , 0, , 1-15.	1.2	0