

# Agnieszka PieniÅek

## List of Publications by Year in descending order

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16  
papers

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1478505

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1588992

8  
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#	ARTICLE	IF	CITATIONS
1	An influence of the local strain on cathodoluminescence of GaN/Al <sub>x</sub> Ga <sub>1-<math>\hat{x}</math></sub> N nanowire structures. Journal of Applied Physics, 2016, 120, .	2.5	9
2	Structure Peculiarities of Micro- and Nanocrystalline Perovskite Ferrites La <sub>1-<math>\hat{x}</math></sub> Sm <sub>x</sub> FeO <sub>3</sub> . Nanoscale Research Letters, 2017, 12, 153.	5.7	9
3	Growth and optical properties of ZnO/Zn <sub>1-<math>\hat{x}</math></sub> Mg <sub>x</sub> O quantum wells on ZnO microrods. Nanoscale, 2019, 11, 2275-2281.	5.6	8
4	Study of structural and optical properties of MBE grown nonpolar (10-10) ZnO/ZnMgO photonic structures. Optical Materials, 2020, 100, 109709.	3.6	8
5	Solid-state and solar sintering of YAP:Mn,Hf ceramics applicable for thermoluminescent dosimetry. Optical Materials, 2015, 45, 246-251.	3.6	7
6	Optical properties of ZnO microrods grown by a hydrothermal method – a cathodoluminescence study. Optical Materials Express, 2016, 6, 3741.	3.0	7
7	Fundamental studies of ZnO nanowires with ZnCdO/ZnO multiple quantum wells grown for tunable light emitters. Sensors and Actuators A: Physical, 2020, 315, 112305.	4.1	7
8	Magnetic anisotropy induced by crystal distortion in Ge <sub>1-<math>\hat{x}</math></sub> MnxTe/PbTe//KCl (001) ferromagnetic semiconductor layers. Journal of Applied Physics, 2015, 118, 113905.	2.5	4
9	Influence of substrate temperature on incorporation of magnesium into Zn <sub>1-x</sub> Mg <sub>x</sub> O layers growth by molecular beam epitaxy. Journal of Alloys and Compounds, 2018, 766, 398-401.	5.5	3
10	Preparation and properties of Ag plasmonic structures on garnet substrates. Applied Nanoscience (Switzerland), 0, , 1.	3.1	2
11	Quasi Fermi Levels in Semiconductor Photovoltaic Heterojunction. Acta Physica Polonica A, 2016, 129, A-100-A-102.	0.5	2
12	Synthesis and Structure Characterisation of Micro-and Nanocrystalline Powders of Dy <sub>1-x</sub> R <sub>x</sub> FeO <sub>3</sub> (R = La, Pr, Nd, Sm, Gd). Acta Physica Polonica A, 2018, 133, 802-805.	0.5	2
13	Investigation of Co Ions Diffusion in Gd <sub>3</sub> Ga <sub>5</sub> O <sub>12</sub> Single Crystals. Acta Physica Polonica A, 2018, 133, 959-964.	0.5	2
14	Investigation of the Interface of Y <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> /Gd <sub>3</sub> Ga <sub>5</sub> O <sub>12</sub> Structure Obtained by the Liquid Phase Epitaxy. Crystal Research and Technology, 2022, 57, .	1.3	2
15	Finite-difference time-domain simulation of cathodoluminescence patterns of ZnO hexagonal microrods. Nano Express, 2021, 2, 014003.	2.4	1
16	Magnetic and Structural Studies of GeMnSnTe Epitaxial Layers. Acta Physica Polonica A, 2017, 132, 340-342.	0.5	1