

# Dorota A Pawlak

## List of Publications by Year in descending order

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29  
papers

853  
citations

567281

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31  
docs citations

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times ranked

1256  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bulk nanocomposite made of ZnO lamellae embedded in the ZnWO <sub>4</sub> matrix: growth from the melt. Journal of Materials Science, 2021, 56, 11219-11228.	3.7	6
2	New Self-Organization Route to Tunable Narrowband Optical Filters and Polarizers Demonstrated with ZnO-ZnWO <sub>4</sub> Eutectic Composite. Advanced Optical Materials, 2020, 8, 1901617.	7.3	19
3	Eutectic Nano/Microstructure: New Self-Organization Route to Tunable Narrowband Optical Filters and Polarizers Demonstrated with ZnO-ZnWO <sub>4</sub> Eutectic Composite (Advanced Optical) Tj ETQq1 7.3.784314 rgBT /C	7.3	19
4	Selective surface-enhanced Raman scattering in a bulk nanoplasmonic Bi <sub>2</sub> O <sub>3</sub> -Ag eutectic composite. Nanophotonics, 2020, 9, 4307-4314.	6.0	7
5	Manufacturing of Volumetric Glass-Based Composites with Single- and Double-QD Doping. Particle and Particle Systems Characterization, 2019, 36, 1800124.	2.3	5
6	Optically-active metastable defects in volumetric nanoplasmonic composites. Scientific Reports, 2018, 8, 13425.	3.3	6
7	A SrTiO <sub>3</sub> -TiO <sub>2</sub> eutectic composite as a stable photoanode material for photoelectrochemical hydrogen production. Applied Catalysis B: Environmental, 2017, 206, 538-546.	20.2	42
8	Guest Editors'™ Preface. Journal of Materials Science, 2017, 52, 5475-5476.	3.7	0
9	When eutectic composites meet photoelectrochemistry – Highly stable and efficient UV-visible hybrid photoanodes. Journal of Catalysis, 2017, 352, 93-101.	6.2	12
10	Self-Phase-Matched Second-Harmonic and White-Light Generation in a Biaxial Zinc Tungstate Single Crystal. Scientific Reports, 2017, 7, 45247.	3.3	5
11	Roadmap on optical metamaterials. Journal of Optics (United Kingdom), 2016, 18, 093005.	2.2	118
12	Synthesis and structural study of a self-organized MnTiO <sub>3</sub> -TiO <sub>2</sub> eutectic. Journal of Alloys and Compounds, 2016, 659, 152-158.	5.5	8
13	When Eutectics Meet Plasmonics: Nanoplasmonic, Volumetric, Self-Organized, Silver-Based Eutectic. Advanced Optical Materials, 2015, 3, 381-389.	7.3	38
14	Eutectics: When Eutectics Meet Plasmonics: Nanoplasmonic, Volumetric, Self-Organized, Silver-Based Eutectic (Advanced Optical Materials 3/2015). Advanced Optical Materials, 2015, 3, 414-414.	7.3	0
15	Temperature and atmosphere tunability of the nanoplasmonic resonance of a volumetric eutectic-based Bi <sub>2</sub> O <sub>3</sub> -Ag metamaterial. Optics Express, 2015, 23, 19098.	3.4	23
16	Nanoparticle Direct Doping: Novel Method for Manufacturing Three-Dimensional Bulk Plasmonic Nanocomposites. Advanced Functional Materials, 2013, 23, 3443-3451.	14.9	48
17	Growth of a Plate-Shaped SrTiO <sub>3</sub> -TiO <sub>2</sub> Eutectic. Crystal Growth and Design, 2011, 11, 3935-3940.	3.0	16
18	How Far Are We from Making Metamaterials by Self-Organization? The Microstructure of Highly Anisotropic Particles with an SRR-Like Geometry. Advanced Functional Materials, 2010, 20, 1116-1124.	14.9	111

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19	Self-Organized Structures for Metamaterials. , 2009, , .		3
20	PrAlO <sub>3</sub> ~PrAl <sub>11</sub> O <sub>18</sub> Eutectic: Its Microstructure and Spectroscopic Properties. Crystal Growth and Design, 2008, 8, 1243-1249.	3.0	22
21	Self-Organized, Rodlike, Micrometer-Scale Microstructure of Tb <sub>3</sub> Sc <sub>2</sub> Al <sub>3</sub> O <sub>12</sub> ~TbScO <sub>3</sub> :Pr Eutectic. Chemistry of Materials, 2006, 18, 2450-2457.	6.7	78
22	Structure and spectroscopic properties of (AA~ <sup>2</sup> )(BB~ <sup>2</sup> )O <sub>3</sub> mixed-perovskite crystals. Journal of Materials Research, 2005, 20, 3329-3337.	2.6	15
23	Interpretation of XPS O (1s) in Mixed Oxides Proved on Mixed Perovskite Crystals. Journal of Physical Chemistry B, 2002, 106, 504-507.	2.6	126
24	Growth and characterization of the perovskite-type oxides (NdSr)(AlNb)O <sub>3</sub> and (LaSr)(GaNb)O <sub>3</sub> as substrates for GaN epitaxial growth. Journal of Alloys and Compounds, 2002, 339, 335-338.	5.5	2
25	Growth of perovskite-type oxides (RE,Sr)(Al,Ta)O <sub>3</sub> as substrates for GaN epitaxial growth (RE=La,Nd). Journal of Crystal Growth, 2002, 235, 277-282.	1.5	19
26	Hydrogen bonding and tautomerism of benzylideneanilines in the solid state. Journal of Physical Organic Chemistry, 1999, 12, 875-880.	1.9	13
27	ESCA Studies of Yttrium Orthoaluminum Perovskites. Journal of Physical Chemistry B, 1999, 103, 3332-3336.	2.6	24
28	ESCA Studies of Yttrium Aluminum Garnets. Journal of Physical Chemistry B, 1999, 103, 1454-1461.	2.6	75
29	Solid-state NMR and x-ray diffraction studies of ionic complex of 1,8-bis(dimethylamino)naphthalene (DMAN) with picrolonic acid. Journal of Physical Organic Chemistry, 1997, 10, 814-824.	1.9	12