

# Emilia Pawlikowska

## List of Publications by Year in descending order

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28  
papers

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citations

840776

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16  
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31  
docs citations

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times ranked

316  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced dielectric tunability and energy storage density of sandwich-structured Ba <sub>0.6</sub> Sr <sub>0.4</sub> TiO <sub>3</sub> /PVDF composites. <i>Materials Letters</i> , 2022, 306, 130910.	2.6	26
2	Microstructure and dielectric properties of (Ba <sub>0.6</sub> Sr <sub>0.4</sub> )TiO <sub>3</sub> /PEEK functional composites prepared via cold-pressing sintering. <i>Composites Science and Technology</i> , 2022, 219, 109228.	7.8	7
3	Microstructure evolution and reaction mechanism of Pb(Zr <sub>1/2</sub> Ti <sub>1/2</sub> )O <sub>3</sub> -Pb(Zn <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> -Pb(Ni <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> piezoelectric ceramics with plate-like PbTiO <sub>3</sub> template. <i>Ceramics International</i> , 2021, 47, 470-478.	4.8	12
4	Combination of High-Pressure Processing and Freeze-Drying as the Most Effective Techniques in Maintaining Biological Values and Microbiological Safety of Donor Milk. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2147.	2.6	10
5	The influence of the chemical structure of selected polymers on the properties of ferroelectric ceramic-polymer composites. <i>Open Ceramics</i> , 2021, 7, 100160.	2.0	2
6	Effect of cation vacancies on the optical and dielectric properties of K <sub>2</sub> Sr <sub>2</sub> Nb <sub>5</sub> O <sub>15</sub> : A first-principles study. <i>Journal of the American Ceramic Society</i> , 2020, 103, 1912-1926.	3.8	1
7	Effect of MnO <sub>2</sub> on the microstructure and electrical properties of 0.83Pb(Zr <sub>0.5</sub> Ti <sub>0.5</sub> )O <sub>3</sub> -0.11Pb(Zn <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> -0.06Pb(Ni <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> piezoelectric ceramics. <i>Ceramics International</i> , 2020, 46, 180-185.	4.8	12
8	Monodisperse Ba <sub>0.6</sub> Sr <sub>0.4</sub> TiO <sub>3</sub> hollow spheres via a modified template-assisted method. <i>Applied Surface Science</i> , 2020, 531, 147315.	6.1	6
9	Impact of processing method on donated human breast milk microRNA content. <i>PLoS ONE</i> , 2020, 15, e0236126.	2.5	28
10	Porous yttria-stabilized zirconia ceramics with low thermal conductivity via a novel foam-gelcasting method. <i>Journal of Materials Science</i> , 2020, 55, 15106-15116.	3.7	20
11	Ultralight graphene aerogel/PVDF composites for flexible piezoelectric nanogenerators. <i>Composites Communications</i> , 2020, 22, 100542.	6.3	13
12	Fabrication of PbBi <sub>4</sub> Ti <sub>4</sub> O <sub>15</sub> microplatelets with different TiO <sub>2</sub> reactants. <i>Materials Letters</i> , 2020, 274, 128018.	2.6	4
13	Characterization and performance of plate-like Ba <sub>0.6</sub> Sr <sub>0.4</sub> TiO <sub>3</sub> /Poly(vinylidene fluoride) composites. <i>Polymer</i> , 2020, 203, 122777.	3.8	14
14	Polyvinylidene difluoride-based composite: glassy dynamics and pretransitional behaviour. <i>European Physical Journal B</i> , 2020, 93, 1.	1.5	5
15	Impact of processing method on donated human breast milk microRNA content. , 2020, 15, e0236126.		0
16	Impact of processing method on donated human breast milk microRNA content. , 2020, 15, e0236126.		0
17	Impact of processing method on donated human breast milk microRNA content. , 2020, 15, e0236126.		0
18	Impact of processing method on donated human breast milk microRNA content. , 2020, 15, e0236126.		0

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19	Photochromic effect of transparent lead-free ferroelectric $\text{KSr}_2\text{Nb}_5\text{O}_{15}$ ceramics. Journal of the European Ceramic Society, 2019, 39, 5260-5266.	5.7	35
20	Synthesis of Zr substituted B-site complex $\text{Bi}_4(\text{Zr}_x\text{Ti}_{1-x})_3\text{O}_{12}$ platelet microcrystals. Journal of Alloys and Compounds, 2019, 806, 378-385.	5.5	4
21	Lipid Profile, Lipase Bioactivity, and Lipophilic Antioxidant Content in High Pressure Processed Donor Human Milk. Nutrients, 2019, 11, 1972.	4.1	26
22	Microstructure and dielectric properties of $\text{Ba}_{0.6}\text{Sr}_{0.4}\text{TiO}_3/(\text{acrylonitrile-butadiene-styrene})$ -poly(vinylidene fluoride) composites. Advanced Composites and Hybrid Materials, 2019, 2, 681-689.	21.1	29
23	Microstructure and dielectric properties of sub- $\mu\text{m}$ hollow sphere ( $\text{Ba}_{0.6}\text{Sr}_{0.4}\text{TiO}_3$ ) / Overlock 10	4.1	13
24	Polymer matrix ferroelectric composites under pressure: Negative electric capacitance and glassy dynamics. European Physical Journal E, 2019, 42, 118.	1.6	4
25	Synthesis of plate-like B-site complex perovskite $\text{Ba}(\text{Zr}_{0.1}\text{Ti}_{0.9})\text{O}_3$ microcrystals. Materials Letters, 2019, 236, 715-718.	2.6	5
26	Colloidal processing of $\text{Al}_2\text{O}_3$ and BST materials. Journal of Thermal Analysis and Calorimetry, 2017, 130, 365-376.	3.6	6
27	Investigations of tunability of ferroelectric ceramic-polymer composites. , 2014, , .		1
28	The ink-jet printing of microstrip lines on ferroelectric ceramic-polymer composites and its characterization in sub-THz range. Proceedings of SPIE, 2013, , .	0.8	1