

# Piotr Dulian

## List of Publications by Year in descending order

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29  
papers

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citations

1163117

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1058476

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docs citations

29  
times ranked

313  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photocatalytic methylene blue degradation on multilayer transparent TiO <sub>2</sub> coatings. <i>Optical Materials</i> , 2019, 90, 264-272.	3.6	45
2	Effects of reagents™ nature on mechanochemical synthesis of calcium titanate. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 101, 471-477.	3.6	34
3	Mechanochemical synthesis of double vanadate in Cu-Fe-V-O system and its physicochemical and catalytic properties. <i>Catalysis Today</i> , 2011, 176, 314-317.	4.4	16
4	Controlled mechanochemical synthesis and properties of a selected perovskite-type electroceramics. <i>Materials Science-Poland</i> , 2013, 31, 462-470.	1.0	16
5	Mechanochemical synthesis and investigations of calcium titanate powders and their acrylic dispersions. <i>Journal of the European Ceramic Society</i> , 2014, 34, 2259-2264.	5.7	13
6	Catalytic characteristics of a copper-alumina nanocomposite formed by the mechanochemical route. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2013, 108, 81-89.	1.7	12
7	Characterization of phases in the V <sub>2</sub> O <sub>5</sub> -Yb <sub>2</sub> O <sub>3</sub> system obtained by high-energy ball milling and high-temperature treatment. <i>Journal of Materials Science</i> , 2018, 53, 13491-13500.	3.7	11
8	The thermo-optical and optical properties of thin ZnO and AZO films produced using the atomic layer deposition technology. <i>Journal of Alloys and Compounds</i> , 2022, 900, 163313.	5.5	9
9	Dielectric Behaviour of BaTiO <sub>3</sub> -SrTiO <sub>3</sub> Solid Solutions Fabricated by High-Energy Ball Milling. <i>Key Engineering Materials</i> , 0, 605, 63-66.	0.4	8
10	Dielectric properties of vanadium doped barium titanate synthesized via high-energy ball milling. <i>Materials Science-Poland</i> , 2014, 32, 257-263.	1.0	8
11	Scattering Phenomena in Porous Sol-Gel-Derived Silica Films. <i>Coatings</i> , 2020, 10, 509.	2.6	8
12	Effect of titanium source and sol-gel TiO <sub>2</sub> thin film formation parameters on its morphology and photocatalytic activity. <i>Materials Science-Poland</i> , 2020, 38, 424-433.	1.0	8
13	Effect of Variable Valence Ion Doping on the Dielectric Properties of BaTiO <sub>3</sub> -Based Materials. <i>Ferroelectrics</i> , 2014, 464, 35-41.	0.6	6
14	Dielectric behaviour of BaTi <sub>1-x</sub> Zr <sub>x</sub> O <sub>3</sub> ceramics obtained by means of a solid state and mechanochemical synthesis. <i>Ferroelectrics</i> , 2016, 497, 62-68.	0.6	6
15	Synthesis and Performance of TiO <sub>2</sub> /Fly Ash Cenospheres as a Catalytic Film in a Novel Type of Periodic Air-Sparged Photocatalytic Reactor. <i>Materials</i> , 2020, 13, 1691.	2.9	6
16	Solid-State Mechanochemical Syntheses of Perovskites. , 0, , .		5
17	Modification of photocatalytic properties of titanium dioxide by mechanochemical method. <i>Polish Journal of Chemical Technology</i> , 2016, 18, 68-71.	0.5	5
18	A High-Energy Ball Milling as a Useful Technique for the Synthesis of CaCu <sub>3</sub> Ti <sub>4</sub> O <sub>12</sub> Electroceramics. <i>Acta Physica Polonica A</i> , 2014, 126, 931-937.	0.5	4

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19	Mechanochemical Synthesis of BaTiO <sub>3</sub> Powders and Evaluation of Their Acrylic Dispersions. <i>Materials</i> , 2020, 13, 3275.	2.9	4
20	The Determination of the Electronic Parameters of Thin Amorphous Organic Films by Ellipsometric and Spectrophotometric Study. <i>Coatings</i> , 2020, 10, 980.	2.6	3
21	Thermo-optical properties of porous silica thin films produced by sol-gel method. <i>Materials Chemistry and Physics</i> , 2020, 243, 122603.	4.0	3
22	Mg <sup>2+</sup> Doping Effects on the Structural and Dielectric Properties of CaCu <sub>3</sub> Ti <sub>4</sub> O <sub>12</sub> Ceramics Obtained by Mechanochemical Synthesis. <i>Materials</i> , 2021, 14, 1187.	2.9	3
23	Comparative Studies of Dielectric Properties of Ca <sub>0.25</sub> Cu <sub>0.75</sub> Ti <sub>3</sub> Ceramics Produced by Mechanochemical Synthesis and in the Way of High-Temperature Treatment. <i>Key Engineering Materials</i> , 0, 543, 326-329.	0.4	2
24	Dielectric Behaviour of (Ba <sub>1-x</sub> Na <sub>x</sub> )(Ti <sub>1-x</sub> Nb <sub>x</sub> )O <sub>3</sub> Ceramics Obtained by a Conventional and Mechanochemical Syntheses. <i>Ferroelectrics</i> , 2015, 485, 89-94.	0.6	2
25	The Optical and Thermo-Optical Properties of Non-Stoichiometric Silicon Nitride Layers Obtained by the PECVD Method with Varying Levels of Nitrogen Content. <i>Materials</i> , 2022, 15, 2260.	2.9	2
26	Comparative Study of Phases Forming in Niobium-Antimony Oxides System upon High Temperature Treatment and High-Energy Ball Milling. <i>Acta Physica Polonica A</i> , 2014, 126, 938-942.	0.5	1
27	The Mechanochemical Synthesis of Nanodispersed Bi <sub>2</sub> Mo <sub>3</sub> O <sub>12</sub> Composition. <i>Springer Proceedings in Physics</i> , 2021, , 243-255.	0.2	1
28	The Study of Ultrasonic Treatment Influence on the Physical-Chemical Properties of TiO <sub>2</sub> /SnO <sub>2</sub> =1:1 Composition. <i>Springer Proceedings in Physics</i> , 2020, , 209-219.	0.2	0
29	Influence of cation order on the dielectric properties of (1-x)Pb(Sc <sub>0.5</sub> ...) ceramics. <i>Materials Science-Poland</i> , 2020, 38, 402-406.	1.0	0