

# Viera Zatkalikova

## List of Publications by Year in descending order

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28  
papers

164  
citations

1307594

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1281871

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g-index

29  
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29  
docs citations

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times ranked

160  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasma Electrolytic Polishing – An Ecological Way for Increased Corrosion Resistance in Austenitic Stainless Steels. <i>Materials</i> , 2022, 15, 4223.	2.9	4
2	Corrosion behaviour of hydroxyapatite (HAP) coated AISI 316Ti austenitic biomaterial. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1178, 012066.	0.6	0
3	Corrosion Resistance of AISI 316L Stainless Steel Biomaterial after Plasma Immersion Ion Implantation of Nitrogen. <i>Materials</i> , 2021, 14, 6790.	2.9	9
4	Evaluation of the protective PE foils properties after exposure in various environments. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 776, 012088.	0.6	1
5	The physical – mechanical properties of low-density polyethylene films. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 726, 012008.	0.6	4
6	Susceptibility to the intergranular attack in austenitic stainless steels. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 726, 012017.	0.6	1
7	The changes of LD-PE films after exposure in different media. <i>Production Engineering Archives</i> , 2020, 26, 185-189.	2.4	4
8	Corrosion Resistance of SiMo- and SiCu-Types of Nodular Cast Iron in NaCl Solution. <i>System Safety Human - Technical Facility - Environment</i> , 2020, 2, 191-198.	0.1	0
9	OdpornoÅŁ na korozjÅŁ austenitycznej stali nierdzewnej poddanej chemicznej obrÃ³bce w rÃ³Å¼nych temperaturach. <i>Przemysl Chemiczny</i> , 2020, 1, 46-49.	0.0	1
10	The Visco-Elastic Behavior of PA+PAI Composites with Fiber Glass after UV Degradation. <i>Periodica Polytechnica Transportation Engineering</i> , 2019, 47, 329-334.	1.2	0
11	Corrosion Properties Of 1.4512 Ferritic And 1.4404 Austenitic Steels For The Automotive Industry. <i>System Safety Human - Technical Facility - Environment</i> , 2019, 1, 745-752.	0.1	2
12	Influence of temperature on corrosion resistance of austenitic stainless steel in Cl <sup>-</sup> containing solutions. <i>Production Engineering Archives</i> , 2019, 25, 43-46.	2.4	8
13	The Effect of Surface Treatment on Corrosion Resistance of Austenitic Biomaterial. <i>Transactions of Famena</i> , 2018, 41, 25-34.	0.6	3
14	Surface treatment and corrosion behaviour of austenitic stainless steel biomaterial. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 175, 012009.	0.6	6
15	Corrosion behaviour of electropolished AISI 316L austenitic biomaterial in physiological solution. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 266, 012016.	0.6	6
16	Corrosive effect of environmental change on selected properties of polymer composites. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 266, 012010.	0.6	3
17	Study of Rheological Properties of Bituminous Binders in Middle and High Temperatures. <i>Civil and Environmental Engineering</i> , 2016, 12, 13-20.	1.2	19
18	Composite Materials Based on pa Reinforced Glass Fibers. <i>Materials Today: Proceedings</i> , 2016, 3, 1056-1059.	1.8	8

#	ARTICLE	IF	CITATIONS
19	Evaluation of Bituminous Binder in Relation to Resistance to Permanent Deformation. Procedia Engineering, 2016, 153, 584-589.	1.2	12
20	Analysis of Fractured Screw Shaped Ti6Al4V Dental Implant. Materials Today: Proceedings, 2016, 3, 1216-1219.	1.8	8
21	Accelerated Aging of Polymeric Composites in Laboratory Conditions. Manufacturing Technology, 2016, 16, 1033-1037.	1.4	4
22	Variability of Local Corrosion Attack Morphology of AISI 316Ti Stainless Steel in Aggressive Chloride Environment. Manufacturing Technology, 2014, 14, 493-497.	1.4	17
23	Evaluation of Composite Structures by Light Microscopy and Image Analysis. Manufacturing Technology, 2014, 14, 351-355.	1.4	7
24	Gigacycle Fatigue Endurance of Marine Grade Stainless Steels with Corrosion Pits. Periodica Polytechnica Transportation Engineering, 2013, 41, 99.	1.2	6
25	Deformation Properties and Fatigue of Bituminous Mixtures. Advances in Materials Science and Engineering, 2013, 2013, 1-7.	1.8	15
26	The effect of UV aging on structural polymers. IOP Conference Series: Materials Science and Engineering, 0, 465, 012004.	0.6	9
27	Corrosion resistance of electropolished AISI 304 stainless steel in dependence of temperature. IOP Conference Series: Materials Science and Engineering, 0, 465, 012011.	0.6	6
28	Corrosion Properties of Electropolished AISI 316L Austenitic Biomaterial in Relation to Electropolishing Conditions. Medziagotyra, 0, , X.	0.2	1