

# Stefan Krakowiak

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1529509/publications.pdf>

Version: 2024-02-01

29  
papers

692  
citations

687363

13  
h-index

552781

26  
g-index

29  
all docs

29  
docs citations

29  
times ranked

716  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Analysis of the Possibility of Using New Types of Protective Coatings and Abrasion-Resistant Linings under the Operating Conditions of the Spiral Classifier at KGHM Polska Miedź S.A. Ore Concentration Plant. <i>Coatings</i> , 2021, 11, 1138. | 2.6 | 2         |
| 2  | Understanding the origin of high corrosion inhibition efficiency of bee products towards aluminium alloys in alkaline environments. <i>Electrochimica Acta</i> , 2019, 304, 263-274.  | 5.2 | 57        |
| 3  | Degradation of protective coatings in steel chimneys of flue gas desulfurisation systems. <i>Progress in Organic Coatings</i> , 2018, 117, 141-145.   | 3.9 | 6         |
| 4  | Complex Corrosion Monitoring System for Crude Distillation Unit in Form of Neutral Network. , 2018, , .   |     | 0         |
| 5  | Carboxylic acids as efficient corrosion inhibitors of aluminium alloys in alkaline media. <i>Electrochimica Acta</i> , 2018, 289, 175-192.  | 5.2 | 101       |
| 6  | Evaluation of citric acid corrosion inhibition efficiency and passivation kinetics for aluminium alloys in alkaline media by means of dynamic impedance monitoring. <i>Electrochimica Acta</i> , 2017, 258, 1463-1475.                            | 5.2 | 63        |
| 7  | Effect of Thermal Shock During Legionella Bacteria Removal on the Corrosion Properties of Zinc-Coated Steel Pipes. <i>Journal of Materials Engineering and Performance</i> , 2016, 25, 2711-2719.   | 2.5 | 3         |
| 8  | Electrolytic corrosion of water pipeline system in the remote distance from stray currents – Case study. <i>Case Studies in Construction Materials</i> , 2016, 4, 116-124.  | 1.7 | 10        |
| 9  | Investigation of the electrochemical behaviour of AA1050 aluminium alloy in aqueous alkaline solutions using Dynamic Electrochemical Impedance Spectroscopy. <i>Journal of Electroanalytical Chemistry</i> , 2016, 778, 126-136.                  | 3.8 | 55        |
| 10 | Research on causes of corrosion in the municipal water supply system. <i>Case Studies in Construction Materials</i> , 2016, 4, 108-115.   | 1.7 | 5         |
| 11 | Critical analysis of laboratory measurements and monitoring system of water-pipe network corrosion-case study.. <i>Case Studies in Construction Materials</i> , 2016, 4, 102-107.   | 1.7 | 5         |
| 12 | Instantaneous Impedance Monitoring of Aluminum Alloy 7075 Corrosion in Borate Buffer with Admixed Chloride Ions. <i>Corrosion</i> , 2015, 71, 828-838.  | 1.1 | 22        |
| 13 | Assessment of protective properties of rubber lining in absorbers of flue gas desulphurization systems. <i>Progress in Organic Coatings</i> , 2015, 78, 220-224.  | 3.9 | 1         |
| 14 | Pitting corrosion and stress-corrosion cracking of buffer tanks in a brewery. <i>Engineering Failure Analysis</i> , 2013, 29, 75-82.  | 4.0 | 13        |
| 15 | Cyclic analysis of thermal impedance of a passive layer of aluminium in a neutral borate buffer solution. <i>Anti-Corrosion Methods and Materials</i> , 2012, 59, 285-290.  | 1.5 | 2         |
| 16 | Electrochemical and acoustic emission studies of aluminum pitting corrosion. <i>Journal of Solid State Electrochemistry</i> , 2009, 13, 1653-1657.  | 2.5 | 12        |
| 17 | Selection of measurement frequency in Mott – Schottky analysis of passive layer on nickel. <i>Electrochimica Acta</i> , 2006, 51, 2204-2208.  | 5.2 | 77        |
| 18 | Impedance investigation of passive 304 stainless steel in the pit pre-initiation state. <i>Electrochimica Acta</i> , 2005, 50, 2699-2704.   | 5.2 | 42        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | The time dependence of pit creation impedance spectra. <i>Electrochemistry Communications</i> , 2004, 6, 860-866.   | 4.7 | 25        |
| 20 | Evaluation of pitting corrosion by means of dynamic electrochemical impedance spectroscopy. <i>Electrochimica Acta</i> , 2004, 49, 2909-2918.   | 5.2 | 57        |
| 21 | Inspection of rubber linings operating in flue gas desulphurisation units. <i>Progress in Organic Coatings</i> , 2003, 46, 211-215.   | 3.9 | 2         |
| 22 | Impedance measurements of coating properties on bridge structures. <i>Progress in Organic Coatings</i> , 2003, 46, 216-219.   | 3.9 | 15        |
| 23 | Conducting coatings as anodes in cathodic protection. <i>Progress in Organic Coatings</i> , 2003, 46, 191-196.  | 3.9 | 17        |
| 24 | Corrosion-erosion damage of heat exchanger tubes by desalted crude oil flowing at shell side. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2003, 54, 181-187.  | 1.5 | 4         |
| 25 | Investigation of pitting corrosion of stainless steel by means of acoustic emission and potentiodynamic methods. <i>Corrosion Science</i> , 2003, 45, 1747-1756.  | 6.6 | 68        |
| 26 | The effect of the temperature change rate on determination of the critical pitting temperature of stainless steels. <i>Anti-Corrosion Methods and Materials</i> , 2002, 49, 105-110.  | 1.5 | 5         |
| 27 | The impedance method of monitoring the degradation of rubber linings in applications where progressive deterioration is the predominant failure mechanism. <i>Anti-Corrosion Methods and Materials</i> , 2001, 48, 358-363. | 1.5 | 4         |
| 28 | Durability evaluation of Ni-Cr-Mo super alloys in a simulated scrubbed flue gas environment. <i>Anti-Corrosion Methods and Materials</i> , 1999, 46, 19-22.   | 1.5 | 12        |
| 29 | The current threshold value in potentiodynamic determination of the breakdown potential. <i>Electrochimica Acta</i> , 1997, 42, 2559-2562.  | 5.2 | 7         |