

# Ingrid Milošević

## List of Publications by Year in descending order

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141  
papers

7,547  
citations

66234

42  
h-index

58464

82  
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142  
all docs

142  
docs citations

142  
times ranked

6034  
citing authors

#	ARTICLE	IF	CITATIONS
1	Siloxane polyacrylic sol-gel coatings with alkyl and perfluoroalkyl chains: Synthesis, composition, thermal properties and long-term corrosion protection. <i>Applied Surface Science</i> , 2022, 574, 151578.	3.1	17
2	The Effect of Surface Pretreatment of Aluminum Alloy 7075-T6 on the Subsequent Inhibition by Cerium(III) Acetate in Chloride-Containing Solution. <i>Journal of the Electrochemical Society</i> , 2022, 169, 011504.	1.3	8
3	Superhydrophobic Aluminium Surface to Enhance Corrosion Resistance and Obtain Self-Cleaning and Anti-Icing Ability. <i>Molecules</i> , 2022, 27, 1099.	1.7	12
4	Investigations of the Thermal Parameters of Hybrid Sol-Gel Coatings Using Nondestructive Photothermal Techniques. <i>Energies</i> , 2022, 15, 4122.	1.6	5
5	The influence of length of alkyl chain on the chemical structure and corrosion resistance of silica-polyacrylic hybrid coatings on structural steel. <i>Progress in Organic Coatings</i> , 2021, 150, 105982.	1.9	12
6	Simplistic correlations between molecular electronic properties and inhibition efficiencies: Do they really exist?. <i>Corrosion Science</i> , 2021, 179, 108856.	3.0	86
7	The effect of surface preparation on the protective properties of Al <sub>2</sub> O <sub>3</sub> and HfO <sub>2</sub> thin films deposited on cp-titanium by atomic layer deposition. <i>Electrochimica Acta</i> , 2021, 366, 137431.	2.6	10
8	Synergistic effect of 2-mercaptobenzimidazole and octylphosphonic acid as corrosion inhibitors for copper and aluminium – An electrochemical, XPS, FTIR and DFT study. <i>Corrosion Science</i> , 2021, 182, 109082.	3.0	115
9	The synergistic effect of cerium acetate and sodium sulphate on corrosion inhibition of AA2024-T3 at various temperatures. <i>Electrochimica Acta</i> , 2021, 370, 137664.	2.6	20
10	Roles of Chloride Ions in the Formation of Corrosion Protective Films on Copper. <i>Journal of the Electrochemical Society</i> , 2021, 168, 031504.	1.3	11
11	<i>Technical Note:</i> Does Cr <sup>6+</sup> Really Exist? Difference Between Charge and Oxidation State and How to Record Them. <i>Corrosion</i> , 2021, 77, 696-699.	0.5	3
12	Study Of Mercaptobenzimidazoles As Inhibitors For Copper Corrosion: Down to the Molecular Scale. <i>Journal of the Electrochemical Society</i> , 2021, 168, 051504.	1.3	18
13	The Effects of Perfluoroalkyl and Alkyl Backbone Chains, Spacers, and Anchor Groups on the Performance of Organic Compounds as Corrosion Inhibitors for Aluminum Investigated Using an Integrative Experimental-Modeling Approach. <i>Journal of the Electrochemical Society</i> , 2021, 168, 071506.	1.3	8
14	Al <sub>2</sub> O <sub>3</sub> and HfO <sub>2</sub> Atomic Layers Deposited in Single and Multilayer Configurations on Titanium and on Stainless Steel for Biomedical Applications. <i>Journal of the Electrochemical Society</i> , 2021, 168, 071510.	1.3	3
15	Hybrid sol-gel coatings applied on anodized AA2024-T3 for active corrosion protection. <i>Surface and Coatings Technology</i> , 2021, 419, 127251.	2.2	30
16	Scrutinizing the importance of surface chemistry versus surface roughness for aluminium / sol-gel film adhesion. <i>Surfaces and Interfaces</i> , 2021, 26, 101417.	1.5	6
17	Corrosion resistance of crystalline and amorphous CuZr alloys in NaCl aqueous environment and effect of corrosion inhibitors. <i>Journal of Alloys and Compounds</i> , 2021, 879, 160464.	2.8	12
18	Metals for joint replacement. , 2021, , 65-122.		1

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19	How relevant are molecular electronic parameters for predicting corrosion inhibition efficiency: imidazoles as corrosion inhibitors of Cu/Zr materials in NaCl solution. <i>Corrosion Science</i> , 2021, 193, 109900.	3.0	16
20	Degradation of Sol-Gel Acrylic Coatings Based on Si and Zr Investigated Using Electrochemical Impedance, Infrared and X-Ray Photoelectron Spectroscopies. <i>Frontiers in Materials</i> , 2021, 8, .	1.2	6
21	The Effect of Deposition Parameters on the Properties of CeCl <sub>3</sub> and LaCl <sub>3</sub> Conversion Coatings Deposited on Three Al-Based Substrates. <i>Corrosion</i> , 2020, 76, 18-38.	0.5	5
22	Survival rate of total hip replacements with matched and with mixed components with 10.7 years mean follow-up. <i>HIP International</i> , 2020, , 112070002097271.	0.9	4
23	Electrochemical Behavior and Self-Sealing Ability of Zirconium Conversion Coating Applied on Aluminum Alloy 3005 in 0.5 M NaCl Solution. <i>Journal of the Electrochemical Society</i> , 2020, 167, 021509.	1.3	17
24	The effect of copolymerisation on the performance of acrylate-based hybrid sol-gel coating for corrosion protection of AA2024-T3. <i>Progress in Organic Coatings</i> , 2020, 147, 105701.	1.9	12
25	Easy and Fast Fabrication of Self-Cleaning and Anti-Icing Perfluoroalkyl Silane Film on Aluminium. <i>Coatings</i> , 2020, 10, 234.	1.2	23
26	The Effect of the Methyl and Ethyl Group of the Acrylate Precursor in Hybrid Silane Coatings Used for Corrosion Protection of Aluminium Alloy 7075-T6. <i>Coatings</i> , 2020, 10, 172.	1.2	21
27	On the importance of time-resolved electrochemical evaluation in corrosion inhibitor-screening studies. <i>Npj Materials Degradation</i> , 2020, 4, .	2.6	18
28	DFT study of n-alkyl carboxylic acids on oxidized aluminum surfaces: From standalone molecules to self-assembled-monolayers. <i>Applied Surface Science</i> , 2020, 525, 146156.	3.1	30
29	Prolonged protection, by zirconium conversion coatings, of AlSi7Mg0.3 aluminium alloy in chloride solution. <i>Corrosion Science</i> , 2020, 169, 108615.	3.0	25
30	Acrylate-Based Hybrid Sol-Gel Coating for Corrosion Protection of AA7075-T6 in Aircraft Applications: The Effect of Copolymerization Time. <i>Polymers</i> , 2020, 12, 948.	2.0	22
31	Editors' Choice™ The Effect of Anchor Group and Alkyl Backbone Chain on Performance of Organic Compounds as Corrosion Inhibitors for Aluminum Investigated Using an Integrative Experimental-Modeling Approach. <i>Journal of the Electrochemical Society</i> , 2020, 167, 061509.	1.3	29
32	Comparison of the Electrochemical Behaviour and Self-sealing of Zirconium Conversion Coatings Applied on Aluminium Alloys of series 1xxx to 7xxx. <i>Journal of the Electrochemical Society</i> , 2020, 167, 111506.	1.3	13
33	Corrosion resistance of cerium-conversion coatings formed from cerium(III) salts on aluminium alloy 7075-T6. <i>Studia Universitatis Babeş-Bolyai Chemia</i> , 2020, 65, 227-244.	0.1	5
34	Mechanistic insight on the combined effect of albumin and hydrogen peroxide on surface oxide composition and extent of metal release from Ti6Al4V. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 858-867.	1.6	23
35	Protection of Aluminum Alloy 3003 in Sodium Chloride and Simulated Acid Rain Solutions by Commercial Conversion Coatings Containing Zr and Cr. <i>Coatings</i> , 2019, 9, 563.	1.2	12
36	Electrochemical, Surface-Analytical, and Computational DFT Study of Alkaline Etched Aluminum Modified by Carboxylic Acids for Corrosion Protection and Hydrophobicity. <i>Journal of the Electrochemical Society</i> , 2019, 166, C3131-C3146.	1.3	37

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37	Study of the synergistic effect of cerium acetate and sodium sulphate on the corrosion inhibition of AA2024-T3. <i>Electrochimica Acta</i> , 2019, 308, 337-349.	2.6	31
38	One-step ultrasound fabrication of corrosion resistant, self-cleaning and anti-icing coatings on aluminium. <i>Surface and Coatings Technology</i> , 2019, 369, 175-185.	2.2	24
39	The effects of cerium ions on the curing, polymerisation and condensation of hybrid sol-gel coatings. <i>Journal of Non-Crystalline Solids</i> , 2019, 510, 93-100.	1.5	16
40	The influence of additional salts on corrosion inhibition by cerium(III) acetate in the protection of AA7075-T6 in chloride solution. <i>Corrosion Science</i> , 2019, 149, 108-122.	3.0	37
41	Contemporary Modes of Corrosion Protection and Functionalization of Materials. <i>Acta Chimica Slovenica</i> , 2019, 66, 511-533.	0.2	21
42	Corrosion behaviour and chemical stability of transparent hybrid sol-gel coatings deposited on aluminium in acidic and alkaline solutions. <i>Progress in Organic Coatings</i> , 2018, 124, 286-295.	1.9	33
43	Review "Conversion Coatings Based on Zirconium and/or Titanium. <i>Journal of the Electrochemical Society</i> , 2018, 165, C127-C144.	1.3	124
44	Hybrid sol-gel coatings based on GPTMS/TEOS containing colloidal SiO <sub>2</sub> and cerium nitrate for increasing corrosion protection of aluminium alloy 7075-T6. <i>Journal of Sol-Gel Science and Technology</i> , 2018, 85, 546-557.	1.1	43
45	Risk of cancer after primary total hip replacement: The influence of bearings, cementation and the material of the stem. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 89, 234-239.	1.2	15
46	Self-Healing Effect of Hybrid Sol-Gel Coatings Based on GPTMS, TEOS, SiO <sub>2</sub> Nanoparticles and Ce(NO <sub>3</sub> ) <sub>3</sub> Applied on Aluminum Alloy 7075-T6. <i>Journal of the Electrochemical Society</i> , 2018, 165, C213-C225.	1.3	42
47	The Effect of Cerium Ions on the Structure, Porosity and Electrochemical Properties of Si/Zr-Based Hybrid Sol-Gel Coatings Deposited on Aluminum. <i>Metals</i> , 2018, 8, 248.	1.0	16
48	Corrosion of aluminium alloy AlSi7Mg0.3 in artificial sea water with added sodium sulphide. <i>Corrosion Science</i> , 2018, 144, 54-73.	3.0	55
49	Characterization of self-assembled layers made with stearic acid, benzotriazole, or 2-mercaptobenzimidazole on surface of copper for corrosion protection in simulated urban rain. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2017, 68, 30-41.	0.8	16
50	Effects of mechanical and chemical pre-treatments on the morphology and composition of surfaces of aluminium alloys 7075-T6 and 2024-T3. <i>Corrosion Science</i> , 2017, 119, 46-59.	3.0	63
51	How relevant is the adsorption bonding of imidazoles and triazoles for their corrosion inhibition of copper?. <i>Corrosion Science</i> , 2017, 124, 25-34.	3.0	64
52	Rare earth chloride and nitrate salts as individual and mixed inhibitors for aluminium alloy 7075-T6 in chloride solution. <i>Corrosion Engineering Science and Technology</i> , 2017, 52, 201-211.	0.7	25
53	Conversion Coatings Based on Rare Earth Nitrates and Chlorides for Corrosion Protection of Aluminum Alloy 7075-T6. <i>Corrosion</i> , 2017, 73, 822-843.	0.5	11
54	Bicorrosion Special Issue. <i>Corrosion</i> , 2017, 73, 1399-1400.	0.5	2

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55	pH and metal concentration of synovial fluid of osteoarthritic joints and joints with metal replacements. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017, 105, 2507-2515.	1.6	19
56	From In Vitro to Retrieval Studies of Orthopedic Implants. <i>Corrosion</i> , 2017, 73, 1496-1509.	0.5	14
57	Results of Revision of Total HIP Arthroplasty for Alumina Ceramic-on-Ceramic Bearing Fracture. <i>HIP International</i> , 2016, 26, 237-243.	0.9	11
58	Surface Treatments of Titanium with Antibacterial Agents for Implant Applications. <i>Modern Aspects of Electrochemistry</i> , 2016, , 1-87.	0.2	2
59	Sol-gel synthesis, characterization and properties of TiO <sub>2</sub> and Ag-TiO <sub>2</sub> coatings on titanium substrate. <i>Surface and Coatings Technology</i> , 2016, 307, 790-799.	2.2	26
60	Corrosion protection of brasses and zinc in simulated urban rain. Part II. The combination of inhibitors benzotriazole and 2-mercaptobenzimidazole with stearic acid. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2016, 67, 92-103.	0.8	12
61	Corrosion Inhibition of Pure Aluminium and Alloys AA2024-T3 and AA7075-T6 by Cerium(III) and Cerium(IV) Salts. <i>Journal of the Electrochemical Society</i> , 2016, 163, C85-C93.	1.3	77
62	Effect of anodization on the surface characteristics and electrochemical behaviour of zirconium in artificial saliva. <i>Materials Science and Engineering C</i> , 2016, 62, 458-466.	3.8	29
63	Elaboration and characterization of fluorohydroxyapatite and fluoroapatite sol-gel coatings on CoCrMo alloy. <i>Journal of Alloys and Compounds</i> , 2016, 665, 355-364.	2.8	17
64	Composition, structure and morphology of hybrid acrylate-based sol-gel coatings containing Si and Zr composed for protective applications. <i>Surface and Coatings Technology</i> , 2016, 286, 388-396.	2.2	30
65	Corrosion protection of brasses and zinc in simulated urban rain. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2015, 66, 1402-1413.	0.8	7
66	The roles of mercapto, benzene and methyl groups in the corrosion inhibition of imidazoles on copper: I. Experimental characterization. <i>Corrosion Science</i> , 2015, 98, 107-118.	3.0	90
67	Titanium nanostructures for biomedical applications. <i>Nanotechnology</i> , 2015, 26, 062002.	1.3	379
68	Corrosion protection of carbon steel by silica-based hybrid coatings containing cerium salts: Effect of silica nanoparticle content. <i>Surface and Coatings Technology</i> , 2015, 265, 106-116.	2.2	60
69	Hybrid sol-gel coating agents based on zirconium(IV) propoxide and epoxysilane. <i>Journal of Sol-Gel Science and Technology</i> , 2015, 74, 447-459.	1.1	40
70	Protection of copper against corrosion in simulated urban rain by the combined action of benzotriazole, 2-mercaptobenzimidazole and stearic acid. <i>Corrosion Science</i> , 2015, 98, 180-191.	3.0	74
71	The roles of mercapto, benzene, and methyl groups in the corrosion inhibition of imidazoles on copper: II. Inhibitor-copper bonding. <i>Corrosion Science</i> , 2015, 98, 457-470.	3.0	109
72	Electrochemical and Salt Spray Testing of Hybrid Coatings Based on Si and Zr Deposited on Aluminum and Its Alloys. <i>Journal of the Electrochemical Society</i> , 2015, 162, C592-C600.	1.3	25

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73	Ionic and Electronic Conductivity of the Anodic Films on Nickel. Journal of the Electrochemical Society, 2015, 162, C767-C774.	1.3	9
74	Corrosion Properties of UV Cured Hybrid Sol-Gel Coatings on AA7075-T6 Determined under Simulated Aircraft Conditions. Journal of the Electrochemical Society, 2014, 161, C412-C420.	1.3	25
75	Metals for joint replacement. , 2014, , 81-151.		5
76	A hybrid organic-inorganic sol-gel coating for protecting aluminium alloy 7075-T6 against corrosion in Harrison's solution. Journal of Sol-Gel Science and Technology, 2014, 70, 90-103.	1.1	60
77	Study of a sol-gel process in the preparation of hybrid coatings for corrosion protection using FTIR and <sup>1</sup> H NMR methods. Journal of Non-Crystalline Solids, 2014, 396-397, 25-35.	1.5	35
78	Quaternary Ti-20Nb-10Zr-5Ta alloy during immersion in simulated physiological solutions: formation of layers, dissolution and biocompatibility. Journal of Materials Science: Materials in Medicine, 2014, 25, 1099-1114.	1.7	13
79	Metal-on-metal vs. metal-on-polyethylene total hip arthroplasty tribological evaluation of retrieved components and periprosthetic tissue. Journal of the Mechanical Behavior of Biomedical Materials, 2014, 34, 243-252.	1.5	35
80	Structural Analysis, Electrochemical Behavior, and Biocompatibility of Novel Quaternary Titanium Alloy with near I <sup>2</sup> Structure. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2014, 45, 3130-3143.	1.1	7
81	A Comparative Study of Four Bearing Couples of the Same Acetabular and Femoral Component: A Mean Follow-Up of 11.5 Years. Journal of Arthroplasty, 2014, 29, 176-180.	1.5	13
82	Effect of anodic oxidation on the corrosion behavior of Ti-based materials in simulated physiological solution. Journal of Applied Electrochemistry, 2013, 43, 645-658.	1.5	23
83	Hyaluronic acid stimulates the formation of calcium phosphate on CoCrMo alloy in simulated physiological solution. Journal of Materials Science: Materials in Medicine, 2013, 24, 555-571.	1.7	17
84	Electrochemical properties, chemical composition and thickness of passive film formed on novel Ti-20Nb-10Zr-5Ta alloy. Electrochimica Acta, 2013, 99, 176-189.	2.6	101
85	Wear debris from hip prostheses characterized by electron imaging. Open Medicine (Poland), 2013, 8, 476-484.	0.6	6
86	Amino acids as corrosion inhibitors for copper in acidic medium: Experimental and theoretical study. Journal of the Serbian Chemical Society, 2013, 78, 2069-2086.	0.4	25
87	Wear and corrosion in the loosening of total joint replacements (TJR). , 2013, , 74-110.		3
88	Comparison of Ten-Year Survivorship of Hip Prostheses with Use of Conventional Polyethylene, Metal-on-Metal, or Ceramic-on-Ceramic Bearings. Journal of Bone and Joint Surgery - Series A, 2012, 94, 1756-1763.	1.4	79
89	Surface Analysis and Electrochemical Behavior of Aluminum Pretreated by Vinyltriethoxysilane Films in Mild NaCl Solution. Journal of the Electrochemical Society, 2012, 159, C303-C311.	1.3	36
90	The effect of biomolecules on the behaviour of CoCrMo alloy in various simulated physiological solutions. Electrochimica Acta, 2012, 78, 259-273.	2.6	37

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91	Influence of preparation methods on the properties of self-assembled films of octadecylphosphonate on Nitinol: XPS and EIS studies. <i>Materials Science and Engineering C</i> , 2012, 32, 2604-2616.	3.8	22
92	CoCrMo Alloy for Biomedical Applications. <i>Modern Aspects of Electrochemistry</i> , 2012, , 1-72.	0.2	25
93	Kinetics of passivity of NiTi in an acidic solution and the spectroscopic characterization of passive films. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 2503-2513.	1.2	17
94	The corrosion resistance of Nitinol alloy in simulated physiological solutions Part 2: The effect of surface treatment. <i>Materials Science and Engineering C</i> , 2012, 32, 1068-1077.	3.8	23
95	The corrosion resistance of Nitinol alloy in simulated physiological solutions. <i>Materials Science and Engineering C</i> , 2012, 32, 1087-1096.	3.8	57
96	Corrosion study of copper in the presence of benzotriazole and its hydroxy derivative. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2011, 62, 956-966.	0.8	49
97	Triazole, Benzotriazole, and Naphthotriazole as Copper Corrosion Inhibitors: I. Molecular Electronic and Adsorption Properties. <i>ChemPhysChem</i> , 2011, 12, 3547-3555.	1.0	53
98	The formation of hydrophobic and corrosion resistant surfaces on copper and bronze by treatment in myristic acid. <i>Journal of Applied Electrochemistry</i> , 2010, 40, 1317-1323.	1.5	33
99	The comparison of organic protective layers on bronze and copper. <i>Progress in Organic Coatings</i> , 2010, 69, 199-206.	1.9	32
100	Metallic materials for biomedical applications: Laboratory and clinical studies. <i>Pure and Applied Chemistry</i> , 2010, 83, 309-324.	0.9	34
101	What Determines the Inhibition Effectiveness of ATA, BTAH, and BTAOH Corrosion Inhibitors on Copper?. <i>Journal of the American Chemical Society</i> , 2010, 132, 16657-16668.	6.6	278
102	Corrosion protection of aluminium pretreated by vinyltriethoxysilane in sodium chloride solution. <i>Corrosion Science</i> , 2010, 52, 1060-1069.	3.0	62
103	Corrosion behaviour of stainless steels in aqueous solutions of methanesulfonic acid. <i>Corrosion Science</i> , 2010, 52, 2430-2438.	3.0	77
104	Inhibition of copper corrosion by 1,2,3-benzotriazole: A review. <i>Corrosion Science</i> , 2010, 52, 2737-2749.	3.0	539
105	Electrochemical and XPS study of polyethyleneimines of different molecular sizes as corrosion inhibitors for AISI 430 stainless steel in near-neutral chloride media. <i>Materials Chemistry and Physics</i> , 2009, 116, 198-206.	2.0	116
106	<i>In vivo</i> production of nanosized metal wear debris formed by tribochemical reaction as confirmed by high-resolution TEM and XPS analyses. <i>Journal of Biomedical Materials Research - Part A</i> , 2009, 91A, 1100-1110.	2.1	53
107	Density functional study of the corrosion inhibition properties of 1,2,4-triazole and its amino derivatives. <i>Chemical Physics Letters</i> , 2009, 483, 198-203.	1.2	167
108	Polyethyleneimine as a corrosion inhibitor for ASTM 420 stainless steel in near-neutral saline media. <i>Corrosion Science</i> , 2009, 51, 525-533.	3.0	116

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109	Special modes of corrosion under physiological and simulated physiological conditions. <i>Acta Biomaterialia</i> , 2008, 4, 468-476.	4.1	267
110	XPS and EIS study of the passive film formed on orthopaedic Ti-6Al-7Nb alloy in Hank's physiological solution. <i>Electrochimica Acta</i> , 2008, 53, 3547-3558.	2.6	210
111	A comparative electrochemical and quantum chemical calculation study of BTAH and BTAOH as copper corrosion inhibitors in near neutral chloride solution. <i>Electrochimica Acta</i> , 2008, 53, 8287-8297.	2.6	197
112	Impedance and XPS study of benzotriazole films formed on copper, copper-zinc alloys and zinc in chloride solution. <i>Corrosion Science</i> , 2008, 50, 1987-1997.	3.0	183
113	Metals for joint replacement. , 2008, , 115-162.		7
114	The effect of various halide ions on the passivity of Cu, Zn and Cu-xZn alloys in borate buffer. <i>Corrosion Science</i> , 2007, 49, 637-653.	3.0	21
115	Benzotriazole as an inhibitor of brass corrosion in chloride solution. <i>Applied Surface Science</i> , 2007, 253, 8863-8873.	3.1	176
116	Metal ion release and surface composition of the Cu-18Ni-20Zn nickel-silver during 30 days immersion in artificial sweat. <i>Applied Surface Science</i> , 2007, 254, 644-652.	3.1	32
117	Study of Cu-18Ni-20Zn Nickel Silver and other Cu-based alloys in artificial sweat and physiological solution. <i>Electrochimica Acta</i> , 2007, 52, 6799-6810.	2.6	25
118	Comparison of a ternary Cu-18Ni-20Zn alloy and binary Cu-based alloys in alkaline solutions. <i>Materials Chemistry and Physics</i> , 2007, 104, 44-49.	2.0	7
119	The effect of Cu-rich sub-layer on the increased corrosion resistance of Cu-xZn alloys in chloride containing borate buffer. <i>Electrochimica Acta</i> , 2006, 52, 415-426.	2.6	39
120	An impedance study of two types of stainless steel in Ringer physiological solution containing complexing agents. <i>Journal of Materials Science: Materials in Medicine</i> , 2006, 17, 911-918.	1.7	14
121	Survivorship and Retrieval Analysis of Sikomet Metal-on-Metal Total Hip Replacements at a Mean of Seven Years. <i>Journal of Bone and Joint Surgery - Series A</i> , 2006, 88, 1173-1182.	1.4	155
122	SURVIVORSHIP AND RETRIEVAL ANALYSIS OF SIKOMET METAL-ON-METAL TOTAL HIP REPLACEMENTS AT A MEAN OF SEVEN YEARS. <i>Journal of Bone and Joint Surgery - Series A</i> , 2006, 88, 1173-1182.	1.4	32
123	Serum levels of cobalt and chromium in patients with Sikomet metal-metal total hip replacements. <i>Journal of Orthopaedic Research</i> , 2005, 23, 526-535.	1.2	75
124	Dissociation of the metal inlay from the polyethylene liner in an uncemented threaded cup. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2005, 125, 134-141.	1.3	13
125	Passivity and Corrosion of Cu-xZn (x=10-40wt%) Alloys in Borate Buffer Containing Chloride Ions. <i>Journal of Applied Electrochemistry</i> , 2005, 35, 975-984.	1.5	24
126	Poor results from the isoelastic total hip replacement. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2005, 76, 169-176.	1.2	45

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127	Electrochemical Study of Co-Based Alloys in Simulated Physiological Solution. <i>Journal of Applied Electrochemistry</i> , 2004, 34, 517-524.	1.5	41
128	The influence of complexing agent and proteins on the corrosion of stainless steels and their metal components. <i>Journal of Materials Science: Materials in Medicine</i> , 2003, 14, 69-77.	1.7	100
129	The composition of the surface passive film formed on CoCrMo alloy in simulated physiological solution. <i>Electrochimica Acta</i> , 2003, 48, 2767-2774.	2.6	225
130	Determination of trace cobalt concentrations in human serum by adsorptive stripping voltammetry. <i>Journal of Trace Elements in Medicine and Biology</i> , 2003, 17, 153-158.	1.5	25
131	Corrosion of Cu-xZn alloys in slightly alkaline chloride solutions studied by stripping voltammetry and microanalysis. <i>Annali Di Chimica</i> , 2001, 91, 343-54.	0.6	4
132	The behavior of stainless steels in physiological solution containing complexing agent studied by X-ray photoelectron spectroscopy. <i>Journal of Biomedical Materials Research Part B</i> , 2000, 52, 404-412.	3.0	99
133	Passive film on orthopaedic TiAlV alloy formed in physiological solution investigated by X-ray photoelectron spectroscopy. <i>Biomaterials</i> , 2000, 21, 2103-2113.	5.7	311
134	Effect of chloride concentration range on the corrosion resistance of Cu-xNi alloys. <i>Journal of Applied Electrochemistry</i> , 1999, 29, 393-402.	1.5	20
135	Comparison of TiN, ZrN and CrN hard nitride coatings: Electrochemical and thermal oxidation. <i>Thin Solid Films</i> , 1997, 303, 246-254.	0.8	293
136	The behaviour of Cu-xNi (x = 10 to 40 wt%) alloys in alkaline solutions containing chloride ions. <i>Electrochimica Acta</i> , 1997, 42, 1537-1548.	2.6	111
137	An electrochemical study of the passive film formed on Ni-Cr (80/20) coating. <i>Zeitschrift Fur Elektrotechnik Und Elektrochemie</i> , 1994, 98, 1243-1249.	0.9	11
138	Breakdown of Passive Film on Copper in Bicarbonate Solutions Containing Sulfate Ions. <i>Journal of the Electrochemical Society</i> , 1992, 139, 2409-2418.	1.3	49
139	Electrochemical methods in the study of localized corrosion attack. <i>Journal of Applied Electrochemistry</i> , 1992, 22, 448-455.	1.5	54
140	Passive Films on 90Cu-10Ni Alloy: The Mechanism of Breakdown in Chloride Containing Solutions. <i>Journal of the Electrochemical Society</i> , 1991, 138, 61-67.	1.3	39
141	Cerium chloride and acetate salts as corrosion inhibitors for aluminium alloy AA7075-T6 in sodium chloride solution. <i>Corrosion</i> , 0, , .	0.5	7