

Vesna B Miskovic-Stankovic

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

116
papers

2,867
citations

33
h-index

48
g-index

117
ext. papers

3,182
ext. citations

3.7
avg, IF

5.18
L-index

#	Paper	IF	Citations
116	Macrophages, the main marker in biocompatibility evaluation of new hydrogels after subcutaneous implantation in rats. <i>Journal of Biomaterials Applications</i> , 2021 , 8853282211046119	2.9	1
115	The chitosan-based bioactive composite coating on titanium. <i>Journal of Materials Research and Technology</i> , 2021 , 15, 4461-4474	5.5	1
114	Animal models in biocompatibility assessments of implants in soft and hard tissues. <i>Veterinarski Glasnik</i> , 2021 , 5-5	0.8	2
113	Evaluation of Soft Tissue Regenerative Processes After Subcutaneous Implantation of Silver/Poly(Vinyl Alcohol) and Novel Silver/Poly(Vinyl Alcohol)/Graphene Hydrogels in an Animal Model. <i>Acta Veterinaria</i> , 2021 , 71, 285-302	0.9	1
112	Electrophoretic Deposition of Biocompatible and Bioactive Hydroxyapatite-Based Coatings on Titanium. <i>Materials</i> , 2021 , 14,	3.5	4
111	A comprehensive review of the polymer-based hydrogels with electrochemically synthesized silver nanoparticles for wound dressing applications. <i>Polymer Engineering and Science</i> , 2020 , 60, 1393-1419	2.3	13
110	Assessing the Bioactivity of Gentamicin-Preloaded Hydroxyapatite/Chitosan Composite Coating on Titanium Substrate. <i>ACS Omega</i> , 2020 , 5, 15433-15445	3.9	15
109	Antibacterial graphene-based hydroxyapatite/chitosan coating with gentamicin for potential applications in bone tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2020 , 108, 2175-2189 ²²	5.4	22
108	Poly(vinyl alcohol)/chitosan hydrogels with electrochemically synthesized silver nanoparticles for wound dressing applications. <i>Journal of Electrochemical Science and Engineering</i> , 2020 , 10, 185-198	1.9	4
107	The effect of cesium dopant on APCVD graphene coating on copper. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 9798-9812	5.5	4
106	Chitosan-based hydrogel wound dressings with electrochemically incorporated silver nanoparticles [In vitro study]. <i>European Polymer Journal</i> , 2019 , 121, 109257	5.2	41
105	Effects of interphase regions and tunneling distance on the electrical conductivity of polymer carbon nanotubes nanocomposites. <i>Carbon Letters</i> , 2019 , 29, 567-577	2.3	1
104	The complex viscosity of polymer carbon nanotubes nanocomposites as a function of networks properties. <i>Carbon Letters</i> , 2019 , 29, 535-545	2.3	0
103	Kinetic models of swelling and thermal stability of silver/poly(vinyl alcohol)/chitosan/graphene hydrogels. <i>Journal of Industrial and Engineering Chemistry</i> , 2019 , 77, 83-96	6.3	19
102	Electrophoretically deposited hydroxyapatite-based composite coatings loaded with silver and gentamicin as antibacterial agents. <i>Journal of the Serbian Chemical Society</i> , 2019 , 84, 1287-1304	0.9	5
101	Functional bioreactor characterization to assess potentials of nanocomposites based on different alginate types and silver nanoparticles for use as cartilage tissue implants. <i>Journal of Biomedical Materials Research - Part A</i> , 2019 , 107, 755-768	5.4	2
100	Comparative in vivo evaluation of novel formulations based on alginate and silver nanoparticles for wound treatments. <i>Journal of Biomaterials Applications</i> , 2018 , 32, 1197-1211	2.9	33

99	In situ electrochemical synthesis of silver-doped poly(vinyl alcohol)/graphene composite hydrogels and their physico-chemical and thermal properties. <i>Composites Part B: Engineering</i> , 2018 , 140, 99-107	10	23
98	Comprehensive electrochemical study on corrosion performance of graphene coatings deposited by chemical vapour deposition at atmospheric pressure on platinum-coated molybdenum foil. <i>Corrosion Science</i> , 2018 , 130, 31-44	6.8	19
97	Silver/poly(vinyl alcohol)/chitosan/graphene hydrogels [Synthesis, biological and physicochemical properties and silver release kinetics. <i>Composites Part B: Engineering</i> , 2018 , 154, 175-185	10	37
96	In Vivo Investigation of Soft Tissue Response of Novel Silver/Poly(Vinyl Alcohol)/ Graphene and Silver/Poly(Vinyl Alcohol)/Chitosan/Graphene Hydrogels Aimed for Medical Applications [The First Experience. <i>Acta Veterinaria</i> , 2018 , 68, 321-339	0.9	5
95	Graphene reinforced hydroxyapatite biocomposite coatings obtained by electrophoretic deposition on titanium. <i>Materials Protection</i> , 2018 , 59, 293-306	0.4	
94	Gentamicin-Loaded Bioactive Hydroxyapatite/Chitosan Composite Coating Electrodeposited on Titanium. <i>ACS Biomaterials Science and Engineering</i> , 2018 , 4, 3994-4007	5.5	40
93	Melt extrudate swell behavior of multi-walled carbon nanotubes filled-polypropylene composites. <i>Polymer Composites</i> , 2017 , 38, 2433-2439	3	8
92	In vitro investigation of electrophoretically deposited bioactive hydroxyapatite/chitosan coatings reinforced by graphene. <i>Journal of Industrial and Engineering Chemistry</i> , 2017 , 47, 336-347	6.3	38
91	Electrochemical Synthesis and Characterization of Silver Doped Poly(vinyl alcohol)/Chitosan Hydrogels. <i>Corrosion</i> , 2017 , 73, 1437-1447	1.8	12
90	Graphene Based Composite Hydrogel for Biomedical Applications. <i>Croatica Chemica Acta</i> , 2017 , 90,	0.8	8
89	Physicochemical and mechanical properties and antibacterial activity of silver/poly(vinyl alcohol)/graphene nanocomposites obtained by electrochemical method. <i>Composites Part B: Engineering</i> , 2016 , 85, 102-112	10	58
88	Chemical vapour deposition at atmospheric pressure of graphene on molybdenum foil: Effect of annealing time on characteristics and corrosion stability of graphene coatings. <i>Corrosion Science</i> , 2016 , 113, 116-125	6.8	19
87	Corrosion stability of cerium-doped cathodic epoxy coatings on AA6060 alloy. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2016 , 67, 1173-1184	1.6	10
86	The effect of graphene loading on mechanical, thermal and biological properties of poly(vinyl alcohol)/graphene nanocomposites. <i>Journal of Industrial and Engineering Chemistry</i> , 2016 , 34, 250-257	6.3	47
85	Thermal properties and thermal stability of PP/MWCNT composites. <i>Composites Part B: Engineering</i> , 2016 , 90, 107-114	10	32
84	Electrochemistry of carbon dioxide corrosion mitigation using tall oil diethylenetriamine imidazoline as corrosion inhibitor for mild steel. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2016 , 67, 756-768	1.6	16
83	Biocompatible Hydroxyapatite-Based Composite Coatings Obtained by Electrophoretic Deposition for Medical Applications as Hard Tissue Implants. <i>Modern Aspects of Electrochemistry</i> , 2016 , 377-457		3
82	Electrochemical Production of Polymer Hydrogels with Silver Nanoparticles for Medical Applications as Wound Dressings and Soft Tissue Implants. <i>Modern Aspects of Electrochemistry</i> , 2016 , 267-375		1

81	The porosity and roughness of electrodeposited calcium phosphate coatings in simulated body fluid. <i>Journal of the Serbian Chemical Society</i> , 2015 , 80, 237-251	0.9	10
80	Evaluation of a Novel Top-of-the-Line Corrosion (TLC) Mitigation Method in a Large-Scale Flow Loop. <i>Corrosion</i> , 2015 , 71, 389-397	1.8	8
79	Protective properties of cataphoretic epoxy coating on aluminium alloy AA6060 modified with electrodeposited Ce-based coatings: Effect of post-treatment. <i>Progress in Organic Coatings</i> , 2015 , 79, 43-52	4.8	16
78	Bioactive hydroxyapatite/graphene composite coating and its corrosion stability in simulated body fluid. <i>Journal of Alloys and Compounds</i> , 2015 , 624, 148-157	5.7	138
77	The protective properties of epoxy coating electrodeposited on Zn/Mn alloy substrate. <i>Progress in Organic Coatings</i> , 2015 , 79, 8-16	4.8	16
76	Cytotoxicity studies of Ag/alginate nanocomposite hydrogels in 2D and 3D cultures 2015 ,		1
75	Graphene-based antibacterial composite coatings electrodeposited on titanium for biomedical applications. <i>Progress in Organic Coatings</i> , 2015 , 83, 1-10	4.8	99
74	Electrochemical synthesis of nanosized hydroxyapatite/graphene composite powder. <i>Carbon Letters</i> , 2015 , 16, 233-240	2.3	10
73	Corrosion study of ceria coatings on AA6060 aluminum alloy obtained by cathodic electrodeposition: Effect of deposition potential. <i>Surface and Coatings Technology</i> , 2014 , 240, 327-335	4.4	27
72	Electrochemical study of corrosion behavior of graphene coatings on copper and aluminum in a chloride solution. <i>Carbon</i> , 2014 , 75, 335-344	10.4	108
71	Silver/poly(N-vinyl-2-pyrrolidone) hydrogel nanocomposites obtained by electrochemical synthesis of silver nanoparticles inside the polymer hydrogel aimed for biomedical applications. <i>Polymer Composites</i> , 2014 , 35, 217-226	3	12
70	Novel bioactive antimicrobial lignin containing coatings on titanium obtained by electrophoretic deposition. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 12294-322	6.3	50
69	A comprehensive approach to in vitro functional evaluation of Ag/alginate nanocomposite hydrogels. <i>Carbohydrate Polymers</i> , 2014 , 111, 305-14	10.3	57
68	Electrophoretic Deposition of Ceramic Coatings on Metal Surfaces. <i>Modern Aspects of Electrochemistry</i> , 2014 , 133-216		5
67	The influence of Ce-based coatings as pretreatments on corrosion stability of top powder polyester coating on AA6060. <i>Progress in Organic Coatings</i> , 2013 , 76, 1387-1395	4.8	15
66	Corrosion Stability of Oxide Coatings Formed by Plasma Electrolytic Oxidation of Aluminum: Optimization of Process Time. <i>Corrosion</i> , 2013 , 69, 693-702	1.8	22
65	Inhibition properties of self-assembled corrosion inhibitor talloil diethylenetriamine imidazoline for mild steel corrosion in chloride solution saturated with carbon dioxide. <i>Corrosion Science</i> , 2013 , 77, 265-272	6.8	85
64	Bioreactor validation and biocompatibility of Ag/poly(N-vinyl-2-pyrrolidone) hydrogel nanocomposites. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 105, 230-5	6	24

63	Investigation of silver impact on hydroxyapatite/lignin coatings electrodeposited on titanium. <i>Materials Chemistry and Physics</i> , 2013 , 142, 521-530	4.4	36
62	Corrosion stability and bioactivity in simulated body fluid of silver/hydroxyapatite and silver/hydroxyapatite/lignin coatings on titanium obtained by electrophoretic deposition. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 1633-43	3.4	78
61	Surface coverage determination of iron-phosphate coatings on steel using voltammetric anodic dissolution technique. <i>Journal of the Serbian Chemical Society</i> , 2013 , 78, 101-114	0.9	7
60	Electrochemical synthesis of silver nanoparticles in poly(vinyl alcohol) solution. <i>Journal of the Serbian Chemical Society</i> , 2013 , 78, 2087-2098	0.9	11
59	Electrochemical methods for corrosion testing of Ce-based coating prepared on AA6060 alloy by dip immersion method. <i>Journal of the Serbian Chemical Society</i> , 2013 , 78, 997-1011	0.9	9
58	A Novel Method to Mitigate the Top-of-the-Line Corrosion in Wet Gas Pipelines by Corrosion Inhibitor within a Foam Matrix. <i>Corrosion</i> , 2013 , 69, 186-192	1.8	21
57	Alginate hydrogel microbeads incorporated with Ag nanoparticles obtained by electrochemical method. <i>Materials Chemistry and Physics</i> , 2012 , 133, 182-189	4.4	43
56	Novel alginate based nanocomposite hydrogels with incorporated silver nanoparticles. <i>Journal of Materials Science: Materials in Medicine</i> , 2012 , 23, 99-107	4.5	44
55	Structural and optical characteristics of silver/poly(N-vinyl-2-pyrrolidone) nanosystems synthesized by γ irradiation. <i>Radiation Physics and Chemistry</i> , 2012 , 81, 1720-1728	2.5	31
54	Surface Analysis and Electrochemical Behavior of Aluminum Pretreated by Vinyltriethoxysilane Films in Mild NaCl Solution. <i>Journal of the Electrochemical Society</i> , 2012 , 159, C303-C311	3.9	25
53	Synthesis and characterization of sintered hydroxyapatite/lignin coatings on titanium. <i>Hemijaska Industrija</i> , 2012 , 66, 187-192	0.6	
52	Controlled production of alginate nanocomposites with incorporated silver nanoparticles aimed for biomedical applications. <i>Journal of the Serbian Chemical Society</i> , 2012 , 77, 1709-1722	0.9	20
51	The effect of lignin on the structure and characteristics of composite coatings electrodeposited on titanium. <i>Progress in Organic Coatings</i> , 2012 , 75, 275-283	4.8	25
50	The effect of applied current density on the surface morphology of deposited calcium phosphate coatings on titanium. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012 , 400, 36-43	5.1	39
49	The mixture of dicyclohexylamine and oleylamine as corrosion inhibitor for mild steel in NaCl solution saturated with CO ₂ under both continual immersion and top of the line corrosion. <i>Journal of the Serbian Chemical Society</i> , 2012 , 77, 1047-1061	0.9	8
48	The electrochemical impedance spectroscopy of silver doped hydroxyapatite coating in simulated body fluid used as corrosive agent. <i>Journal of the Serbian Chemical Society</i> , 2012 , 77, 1609-1623	0.9	9
47	Silver/poly(N-vinyl-2-pyrrolidone) nanocomposites obtained by the electrochemical synthesis. <i>Hemijaska Industrija</i> , 2011 , 65, 687-696	0.6	1
46	The effect of deposition temperature on the surface coverage and morphology of iron-phosphate coatings on low carbon steel. <i>Applied Surface Science</i> , 2011 , 257, 10855-10855	6.7	22

45	The EIS investigation of powder polyester coatings on phosphated low carbon steel: The effect of NaNO ₂ in the phosphating bath. <i>Corrosion Science</i> , 2011 , 53, 2872-2880	6.8	28
44	Synthesis and characterization of silver/poly(N-vinyl-2-pyrrolidone) hydrogel nanocomposite obtained by in situ radiolytic method. <i>Radiation Physics and Chemistry</i> , 2011 , 80, 1208-1215	2.5	56
43	Corrosion stability of polyester coatings on steel pretreated with different iron phosphate coatings. <i>Progress in Organic Coatings</i> , 2011 , 70, 127-133	4.8	14
42	Differences in the electrochemical behavior of ruthenium and iridium oxide in electrocatalytic coatings of activated titanium anodes prepared by the sol-gel procedure. <i>Journal of the Serbian Chemical Society</i> , 2010 , 75, 1413-1420	0.9	11
41	Corrosion protection of aluminium pretreated by vinyltriethoxysilane in sodium chloride solution. <i>Corrosion Science</i> , 2010 , 52, 1060-1069	6.8	53
40	The effect of the addition of colloidal iridium oxide into sol-gel obtained titanium and ruthenium oxide coatings on titanium on their electrochemical properties. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 7521-8	3.6	16
39	The influence of aluminium surface pretreatment on the corrosion stability and adhesion of powder polyester coating. <i>Progress in Organic Coatings</i> , 2010 , 69, 316-321	4.8	33
38	Studies on adhesion characteristics and corrosion behaviour of vinyltriethoxysilane/epoxy coating protective system on aluminium. <i>Applied Surface Science</i> , 2010 , 256, 3508-3517	6.7	47
37	Methacryloxypropyltrimethoxysilane films on aluminium: Electrochemical characteristics, adhesion and morphology. <i>Progress in Organic Coatings</i> , 2009 , 66, 393-399	4.8	16
36	Electrophoretic Deposition of Biocomposite Lignin/Hydroxyapatite Coatings on Titanium. <i>International Journal of Chemical Reactor Engineering</i> , 2009 , 7,	1.2	8
35	Adhesion characteristics and corrosion stability of epoxy coatings electrodeposited on phosphated hot-dip galvanized steel. <i>Progress in Organic Coatings</i> , 2008 , 63, 201-208	4.8	53
34	Electrochemical synthesis and characterization of hydroxyapatite powders. <i>Materials Chemistry and Physics</i> , 2008 , 111, 137-142	4.4	26
33	Corrosion stability of epoxy coatings on aluminum pretreated by vinyltriethoxysilane. <i>Corrosion Science</i> , 2008 , 50, 2078-2084	6.8	33
32	Photoelectrochemical properties of sol-gel obtained titanium oxide. <i>Journal of the Serbian Chemical Society</i> , 2008 , 73, 1211-1221	0.9	
31	The influence of zinc surface pretreatment on the adhesion of epoxy coating electrodeposited on hot-dip galvanized steel. <i>Progress in Organic Coatings</i> , 2007 , 58, 323-330	4.8	43
30	Adhesion of epoxy cathodic coatings on Zn alloys. <i>Journal of the Serbian Chemical Society</i> , 2007 , 72, 1383-1392	0.9	5
29	Electrophoretic deposition and thermal treatment of boehmite coatings on titanium. <i>Journal of the Serbian Chemical Society</i> , 2007 , 72, 275-287	0.9	3
28	Corrosion behavior and thermal stability of electrodeposited PANI/epoxy coating system on mild steel in sodium chloride solution. <i>Progress in Organic Coatings</i> , 2006 , 56, 214-219	4.8	48

27	Activity and stability of RuO ₂ -coated titanium anodes prepared via the alkoxide route. <i>Journal of the Serbian Chemical Society</i> , 2006 , 71, 1173-1186	0.9	7
26	Electrocatalytic activity of sol-gel-prepared RuO ₂ /Ti anode in chlorine and oxygen evolution reactions. <i>Russian Journal of Electrochemistry</i> , 2006 , 42, 1055-1060	1.2	16
25	The adhesion of epoxy cataphoretic coating on phosphatized hot-dip galvanized steel. <i>Hemijaska Industrija</i> , 2006 , 60, 316-320	0.6	
24	Determination of the protective properties of electrodeposited organic epoxy coatings on aluminium and modified aluminium surfaces. <i>Corrosion Science</i> , 2005 , 47, 823-834	6.8	12
23	Corrosion studies on electrochemically deposited PANI and PANI/epoxy coatings on mild steel in acid sulfate solution. <i>Progress in Organic Coatings</i> , 2005 , 52, 359-365	4.8	72
22	Oxidation of phenol on RuO ₂ /TiO ₂ /Ti anodes. <i>Journal of Solid State Electrochemistry</i> , 2005 , 9, 43-54	2.6	27
21	Corrosion behavior of duplex polyaniline/epoxy coating on mild steel in 3% NaCl. <i>Hemijaska Industrija</i> , 2005 , 59, 317-320	0.6	
20	The influence of the deposition parameters on the porosity of thin alumina films on steel. <i>Journal of the Serbian Chemical Society</i> , 2004 , 69, 239-249	0.9	3
19	Electrochemical deposition and characterization of Zn-Fe alloys. <i>Journal of the Serbian Chemical Society</i> , 2004 , 69, 807-815	0.9	16
18	Protective properties of epoxy coatings electrodeposited on steel electrochemically modified by Zn-Fe alloys. <i>Hemijaska Industrija</i> , 2004 , 58, 450-456	0.6	
17	The influence of steel surface modification by electrodeposited Zn-Fe alloys on the protective behaviour of an epoxy coating. <i>Progress in Organic Coatings</i> , 2003 , 47, 49-54	4.8	36
16	The role of the concentration profile of titanium oxide on the electrochemical behavior of RuO ₂ -TiO ₂ coatings obtained by the sol-gel procedure. <i>Journal of the Serbian Chemical Society</i> , 2003 , 68, 979-988	0.9	11
15	Electrochemical deposition and characterization of Zn-Co alloys and corrosion protection by electrodeposited epoxy coating on Zn-Co alloy. <i>Electrochimica Acta</i> , 2002 , 47, 4101-4112	6.7	52
14	The mechanism of cathodic electrodeposition of epoxy coatings and the corrosion behaviour of the electrodeposited coatings. <i>Journal of the Serbian Chemical Society</i> , 2002 , 67, 305-324	0.9	18
13	Epoxy coatings electrodeposited on aluminium and modified aluminium surfaces. <i>Hemijaska Industrija</i> , 2002 , 56, 468-472	0.6	
12	Electrodeposition and characterization of Zn-Ni alloys as sublayers for epoxy coating deposition. <i>Journal of Applied Electrochemistry</i> , 2001 , 31, 355-361	2.6	34
11	Electrochemical properties and thermal stability of epoxy coatings electrodeposited on aluminium and modified aluminium surfaces. <i>Journal of the Serbian Chemical Society</i> , 2001 , 66, 871-880	0.9	1
10	Corrosion behaviour of epoxy coatings electrodeposited on galvanized steel and steel modified by Zn-Ni alloys. <i>Progress in Organic Coatings</i> , 2000 , 39, 127-135	4.8	47

9	The effect of Zn-Ni sublayers on the corrosion behaviour and thermal stability of epoxy coatings electrodeposited on steel. <i>Journal of the Serbian Chemical Society</i> , 2000 , 65, 923-933	0.9	2
8	Corrosion protection of aluminium by a cataphoretic epoxy coating. <i>Progress in Organic Coatings</i> , 1999 , 36, 53-63	4.8	71
7	The sorption characteristics of epoxy coatings electrodeposited on steel during exposure to different corrosive agents. <i>Corrosion Science</i> , 1996 , 38, 1513-1523	6.8	85
6	Influence of substrate on the formation and growth kinetics of cathodic electrocoat paint. <i>Progress in Organic Coatings</i> , 1995 , 25, 293-307	4.8	22
5	Electrolyte penetration through epoxy coatings electrodeposited on steel. <i>Corrosion Science</i> , 1995 , 37, 241-252	6.8	107
4	The corrosion behaviour of epoxy-resin electrocoated steel. <i>Corrosion Science</i> , 1992 , 33, 271-279	6.8	27
3	The effect of resin concentration and electrodeposition bath temperature on the corrosion behaviour of polymer-coated steel. <i>Progress in Organic Coatings</i> , 1990 , 18, 253-264	4.8	14
2	The determination of the corrosive behavior of polymer-coated steel with A.C. impedance measurements. <i>Corrosion Science</i> , 1990 , 30, 575-582	6.8	15
1	Silver/poly(vinyl alcohol)/graphene hydrogels for wound dressing applications: Understanding the mechanism of silver, antibacterial agent release. <i>Journal of Vinyl and Additive Technology</i> ,	2	3