

Vesna B MiÅkoviÄ-StankoviÄ

List of Publications by Year in descending order

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117
papers

3,576
citations

94269

37
h-index

161609

54
g-index

117
all docs

117
docs citations

117
times ranked

3804
citing authors

#	ARTICLE	IF	CITATIONS
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> , 2022, 28, 196-210.	1.8	12
2	Reviewâ€”A Review of the Corrosion Behaviour of Graphene Coatings on Metal Surfaces Obtained by Chemical Vapour Deposition. <i>Journal of the Electrochemical Society</i> , 2022, 169, 021505.	1.3	11
3	Animal models in biocompatibility assessments of implants in soft and hard tissues. <i>Veterinarski Glasnik</i> , 2021, , 5-5.	0.1	2
4	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.	0.2	3
5	Electrophoretic Deposition of Biocompatible and Bioactive Hydroxyapatite-Based Coatings on Titanium. <i>Materials</i> , 2021, 14, 5391.	1.3	19
6	Macrophages, the main marker in biocompatibility evaluation of new hydrogels after subcutaneous implantation in rats. <i>Journal of Biomaterials Applications</i> , 2021, , 088532822110461.	1.2	1
7	The chitosan-based bioactive composite coating on titanium. <i>Journal of Materials Research and Technology</i> , 2021, 15, 4461-4474.	2.6	8
8	The effect of cesium dopant on APCVD graphene coating on copper. <i>Journal of Materials Research and Technology</i> , 2020, 9, 9798-9812.	2.6	9
9	A comprehensive review of the polymerâ€”based hydrogels with electrochemically synthesized silver nanoparticles for wound dressing applications. <i>Polymer Engineering and Science</i> , 2020, 60, 1393-1419.	1.5	23
10	Assessing the Bioactivity of Gentamicin-Preloaded Hydroxyapatite/Chitosan Composite Coating on Titanium Substrate. <i>ACS Omega</i> , 2020, 5, 15433-15445.	1.6	29
11	Antibacterial <scp>grapheneâ€”based</scp> 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.	2.1	39
12	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.	1.6	7
13	Chitosan-based hydrogel wound dressings with electrochemically incorporated silver nanoparticles â€” In vitro study. <i>European Polymer Journal</i> , 2019, 121, 109257.	2.6	59
14	Effects of interphase regions and tunneling distance on the electrical conductivity of polymer carbon nanotubes nanocomposites. <i>Carbon Letters</i> , 2019, 29, 567-577.	3.3	3
15	The complex viscosity of polymer carbon nanotubes nanocomposites as a function of networks properties. <i>Carbon Letters</i> , 2019, 29, 535-545.	3.3	2
16	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.	2.9	23
17	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.	0.4	7
18	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.	1.2	49

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19	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.	5.9	42
20	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.	3.0	22
21	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> , 2018, 107, 755-768.	2.1	3
22	Gentamicin-Loaded Bioactive Hydroxyapatite/Chitosan Composite Coating Electrodeposited on Titanium. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 3994-4007.	2.6	58
23	Silver/poly(vinyl alcohol)/chitosan/graphene hydrogels â€œ Synthesis, biological and physicochemical properties and silver release kinetics. <i>Composites Part B: Engineering</i> , 2018, 154, 175-185.	5.9	60
24	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 â€œ The First Experience. <i>Acta Veterinaria</i> , 2018, 68, 321-339.	0.2	6
25	Graphene reinforced hydroxyapatite biocomposite coatings obtained by electrophoretic deposition on titanium. <i>Materials Protection</i> , 2018, 59, 293-306.	0.1	0
26	Melt extrudate swell behavior of multiâ€walled carbon nanotubes filledâ€polypropylene composites. <i>Polymer Composites</i> , 2017, 38, 2433-2439.	2.3	8
27	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.	2.9	45
28	Electrochemical Synthesis and Characterization of Silver Doped Poly(vinyl alcohol)/Chitosan Hydrogels. <i>Corrosion</i> , 2017, 73, 1437-1447.	0.5	13
29	Graphene Based Composite Hydrogel for Biomedical Applications. <i>Croatia Chemica Acta</i> , 2017, 90, .	0.1	12
30	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.	0.8	25
31	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.	0.2	3
32	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.	0.2	2
33	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.	3.0	23
34	Corrosion stability of cerium-doped cathaphoretic epoxy coatings on AA6060 alloy. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2016, 67, 1173-1184.	0.8	11
35	The effect of graphene loading on mechanical, thermal and biological properties of poly(vinyl) Tj ETQq1 1 0.784314 rrgBT /Overlock 10	2.9	56
36	Thermal properties and thermal stability of PP/MWCNT composites. <i>Composites Part B: Engineering</i> , 2016, 90, 107-114.	5.9	46

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37	Physicochemical and mechanical properties and antibacterial activity of silver/poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj 5 Engineering, 2016, 85, 102-112.	5.9	83
38	Cytotoxicity studies of Ag/alginate nanocomposite hydrogels in 2D and 3D cultures. , 2015, , .		2
39	Graphene-based antibacterial composite coatings electrodeposited on titanium for biomedical applications. Progress in Organic Coatings, 2015, 83, 1-10.	1.9	108
40	The porosity and roughness of electrodeposited calcium phosphate coatings in simulated body fluid. Journal of the Serbian Chemical Society, 2015, 80, 237-251.	0.4	12
41	Evaluation of a Novel Top-of-the-Line Corrosion (TLC) Mitigation Method in a Large-Scale Flow Loop. Corrosion, 2015, 71, 389-397.	0.5	11
42	Protective properties of cathodic epoxy coating on aluminium alloy AA6060 modified with electrodeposited Ce-based coatings: Effect of post-treatment. Progress in Organic Coatings, 2015, 79, 43-52.	1.9	17
43	Bioactive hydroxyapatite/graphene composite coating and its corrosion stability in simulated body fluid. Journal of Alloys and Compounds, 2015, 624, 148-157.	2.8	167
44	The protective properties of epoxy coating electrodeposited on ZnMn alloy substrate. Progress in Organic Coatings, 2015, 79, 8-16.	1.9	18
45	Electrochemical synthesis of nanosized hydroxyapatite/graphene composite powder. Carbon Letters, 2015, 16, 233-240.	3.3	17
46	Novel Bioactive Antimicrobial Lignin Containing Coatings on Titanium Obtained by Electrophoretic Deposition. International Journal of Molecular Sciences, 2014, 15, 12294-12322.	1.8	66
47	A comprehensive approach to in vitro functional evaluation of Ag/alginate nanocomposite hydrogels. Carbohydrate Polymers, 2014, 111, 305-314.	5.1	67
48	Corrosion study of ceria coatings on AA6060 aluminum alloy obtained by cathodic electrodeposition: Effect of deposition potential. Surface and Coatings Technology, 2014, 240, 327-335.	2.2	32
49	Electrochemical study of corrosion behavior of graphene coatings on copper and aluminum in a chloride solution. Carbon, 2014, 75, 335-344.	5.4	134
50	Silver/poly(<i>N</i> -vinyl-2-pyrrolidone) hydrogel nanocomposites obtained by electrochemical synthesis of silver nanoparticles inside the polymer hydrogel aimed for biomedical applications. Polymer Composites, 2014, 35, 217-226.	2.3	15
51	Electrophoretic Deposition of Ceramic Coatings on Metal Surfaces. Modern Aspects of Electrochemistry, 2014, , 133-216.	0.2	7
52	The influence of Ce-based coatings as pretreatments on corrosion stability of top powder polyester coating on AA6060. Progress in Organic Coatings, 2013, 76, 1387-1395.	1.9	15
53	Corrosion Stability of Oxide Coatings Formed by Plasma Electrolytic Oxidation of Aluminum: Optimization of Process Time. Corrosion, 2013, 69, 693-702.	0.5	27
54	Inhibition properties of self-assembled corrosion inhibitor talloil diethylenetriamine imidazoline for mild steel corrosion in chloride solution saturated with carbon dioxide. Corrosion Science, 2013, 77, 265-272.	3.0	107

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55	Bioreactor validation and biocompatibility of Ag/poly(N-vinyl-2-pyrrolidone) hydrogel nanocomposites. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 105, 230-235.	2.5	26
56	Investigation of silver impact on hydroxyapatite/lignin coatings electrodeposited on titanium. <i>Materials Chemistry and Physics</i> , 2013, 142, 521-530.	2.0	41
57	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, 1633-1643.	1.2	95
58	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.	0.4	7
59	Electrochemical synthesis of silver nanoparticles in poly(vinyl alcohol) solution. <i>Journal of the Serbian Chemical Society</i> , 2013, 78, 2087-2098.	0.4	13
60	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.	0.4	11
61	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.	0.5	27
62	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.	0.4	9
63	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.	0.4	10
64	Structural and optical characteristics of silver/poly(N-vinyl-2-pyrrolidone) nanosystems synthesized by \hat{I}^3 -irradiation. <i>Radiation Physics and Chemistry</i> , 2012, 81, 1720-1728.	1.4	42
65	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.	1.3	36
66	Synthesis and characterization of sintered hydroxyapatite/lignin coatings on titanium. <i>Hemijska Industrija</i> , 2012, 66, 187-192.	0.3	0
67	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.	0.4	20
68	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.	1.9	26
69	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.	2.3	45
70	Alginate hydrogel microbeads incorporated with Ag nanoparticles obtained by electrochemical method. <i>Materials Chemistry and Physics</i> , 2012, 133, 182-189.	2.0	50
71	Novel alginate based nanocomposite hydrogels with incorporated silver nanoparticles. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 99-107.	1.7	47
72	Silver/poly(N-vinyl-2-pyrrolidone) nanocomposites obtained by the electrochemical synthesis. <i>Hemijska Industrija</i> , 2011, 65, 687-696.	0.3	1

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73	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, 10855-10862.	3.1	34
74	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.	3.0	37
75	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.	1.4	61
76	Corrosion stability of polyester coatings on steel pretreated with different iron-phosphate coatings. <i>Progress in Organic Coatings</i> , 2011, 70, 127-133.	1.9	17
77	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.	1.9	39
78	Studies on adhesion characteristics and corrosion behaviour of vinyltriethoxysilane/epoxy coating protective system on aluminium. <i>Applied Surface Science</i> , 2010, 256, 3508-3517.	3.1	64
79	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.	0.4	12
80	Corrosion protection of aluminium pretreated by vinyltriethoxysilane in sodium chloride solution. <i>Corrosion Science</i> , 2010, 52, 1060-1069.	3.0	62
81	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.	1.3	16
82	Methacryloxypropyltrimethoxysilane films on aluminium: Electrochemical characteristics, adhesion and morphology. <i>Progress in Organic Coatings</i> , 2009, 66, 393-399.	1.9	17
83	Electrophoretic Deposition of Biocomposite Lignin/Hydroxyapatite Coatings on Titanium. <i>International Journal of Chemical Reactor Engineering</i> , 2009, 7, .	0.6	9
84	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.	1.9	65
85	Electrochemical synthesis and characterization of hydroxyapatite powders. <i>Materials Chemistry and Physics</i> , 2008, 111, 137-142.	2.0	31
86	Corrosion stability of epoxy coatings on aluminum pretreated by vinyltriethoxysilane. <i>Corrosion Science</i> , 2008, 50, 2078-2084.	3.0	36
87	Photoelectrochemical properties of sol-gel obtained titanium oxide. <i>Journal of the Serbian Chemical Society</i> , 2008, 73, 1211-1221.	0.4	0
88	Adhesion of epoxy cathaphoretic coatings on Zn alloys. <i>Journal of the Serbian Chemical Society</i> , 2007, 72, 1383-1392.	0.4	5
89	Electrophoretic deposition and thermal treatment of boehmite coatings on titanium. <i>Journal of the Serbian Chemical Society</i> , 2007, 72, 275-287.	0.4	5
90	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.	1.9	50

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91	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.	0.3	16
92	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.	1.9	55
93	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.	0.4	7
94	The adhesion of epoxy cataphoretic coating on phosphatized hot-dip galvanized steel. <i>Hemijska Industrija</i> , 2006, 60, 316-320.	0.3	0
95	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.	1.9	84
96	Oxidation of phenol on RuO ₂ -TiO ₂ /Ti anodes. <i>Journal of Solid State Electrochemistry</i> , 2005, 9, 43-54.	1.2	35
97	Determination of the protective properties of electrodeposited organic epoxy coatings on aluminium and modified aluminium surfaces. <i>Corrosion Science</i> , 2005, 47, 823-834.	3.0	18
98	Corrosion behavior of duplex polyaniline/epoxy coating on mild steel in 3% NaCl. <i>Hemijska Industrija</i> , 2005, 59, 317-320.	0.3	0
99	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.	0.4	3
100	Electrochemical deposition and characterization of Zn-Fe alloys. <i>Journal of the Serbian Chemical Society</i> , 2004, 69, 807-815.	0.4	19
101	Protective properties of epoxy coatings electrodeposited on steel electrochemically modified by Zn-Fe alloys. <i>Hemijska Industrija</i> , 2004, 58, 450-456.	0.3	0
102	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.	1.9	38
103	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.	0.4	11
104	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.	2.6	63
105	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.	0.4	24
106	Epoxy coatings electrodeposited on aluminium and modified aluminium surfaces. <i>Hemijska Industrija</i> , 2002, 56, 468-472.	0.3	0
107	Electrodeposition and characterization of Zn-Ni alloys as sublayers for epoxy coating deposition. <i>Journal of Applied Electrochemistry</i> , 2001, 31, 355-361.	1.5	38
108	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.	0.4	1

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109	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.	1.9	53
110	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.	0.4	2
111	Corrosion protection of aluminium by a cataphoretic epoxy coating. <i>Progress in Organic Coatings</i> , 1999, 36, 53-63.	1.9	85
112	The sorption characteristics of epoxy coatings electrodeposited on steel during exposure to different corrosive agents. <i>Corrosion Science</i> , 1996, 38, 1513-1523.	3.0	92
113	Influence of substrate on the formation and growth kinetics of cathodic electrocoat paint. <i>Progress in Organic Coatings</i> , 1995, 25, 293-307.	1.9	25
114	Electrolyte penetration through epoxy coatings electrodeposited on steel. <i>Corrosion Science</i> , 1995, 37, 241-252.	3.0	127
115	The corrosion behaviour of epoxy-resin electrocoated steel. <i>Corrosion Science</i> , 1992, 33, 271-279.	3.0	34
116	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.	1.9	17
117	The determination of the corrosive behavior of polymer-coated steel with A.C. impedance measurements. <i>Corrosion Science</i> , 1990, 30, 575-582.	3.0	17