Ivan N Krastev

List of Publications by Year
in descending order

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36	633	567281	610901
papers	citations	15 h-index	24 g-index

36	36	36	388
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spiral waves on the sphere for an alloy electrodeposition model. Communications in Nonlinear Science and Numerical Simulation, 2019, 79, 104930.	3.3	11
2	Spatially Resolved XPS Characterization of Electrochemical Surfaces. Surfaces, 2019, 2, 295-314.	2.3	3
3	Depth-Dependent Scanning Photoelectron Microspectroscopy Unravels the Mechanism of Dynamic Pattern Formation in Alloy Electrodeposition. Journal of Physical Chemistry C, 2018, 122, 15996-16007.	3.1	7
4	Periodic Nanostructures. , 2017, , .		0
5	Pattern formation during electrodeposition of copper-antimony alloys. Journal of Electrochemical Science and Engineering, 2016, 6, 105.	3.5	6
6	Intermetallics as key to spiral formation in Inâ€“Co electrodeposition. A study based on photoelectron microspectroscopy, mathematical modelling and numerical approximations. Journal Physics D: Applied Physics, 2015, 48, 395502.	2.8	14
7	Self-organized spatio-temporal micropatterning in ferromagnetic Coâ€“In films. Journal of Materials Chemistry C, 2014, 2, 8259-8269.	5.5	9
8	Pattern formation during electrodeposition of alloys. Journal of Solid State Electrochemistry, 2013, 17, 481-488.	2.5	20
9	Pattern formation during electrodeposition of indiumâ€“cobalt alloys. Journal of Solid State Electrochemistry, 2012, 16, 3449-3456.	2.5	24
10	Oscillations and spatio-temporal structures during electrodeposition of AgCd alloys. Electrochimica Acta, 2012, 79, 162-169.	5.2	19
11	Self - Organization Phenomena During Electrodeposition of Co - In Alloys. ECS Transactions, 2011, 36, 275-281.	0.5	4
12	Properties of electrodeposited silverâ€“cobalt coatings. Journal of Applied Electrochemistry, 2011, 41, 1397-1406.	2.9	11
13	Two-dimensional progressive and instantaneous nucleation with overlap: The case of multi-step electrochemical reactions. Electrochimica Acta, 2011, 56, 2399-2403.	5.2	19
14	Phase identification in electrodeposited Agâ€“Cd alloys by anodic linear sweep voltammetry and X-ray diffraction techniques. Electrochimica Acta, 2011, 56, 4344-4350.	5.2	20
15	Self-Organization Phenomena During Electrodeposition of Ag-In Alloys. ECS Transactions, 2011, 36, 239-245.	0.5	3
16	Pattern Formation in Electrodeposited Silver-Cadmium Alloys. ECS Transactions, 2010, 25, 1-9.	0.5	13
17	Properties of silver-tin alloys obtained from pyrophosphate-cyanide electrolytes containing EDTA salts. Journal of Applied Electrochemistry, 2010, 40, 2145-2151.	2.9	13
18	Properties of silverâ€“indium alloys electrodeposited from cyanide electrolytes. Electrochimica Acta, 2009, 54, 2515-2521.	5.2	15

#	Article	IF	Citations
19	Electrodeposition of silverâ€“tin alloys from pyrophosphate-cyanide electrolytes. Journal of Applied Electrochemistry, 2009, 39, 989-994.	2.9	26
20	Characterization of electrodeposited Cdâ€“Co alloy coatings by anodic linear sweep voltammetry. Electrochimica Acta, 2009, 54, 7565-7572.	5.2	7
21	Phase composition of electrodeposited silver-indium alloys. Journal of Solid State Electrochemistry, 2008, 12, 1461-1467.	2.5	11
22	Electrodeposition of silver-indium alloy from cyanide-hydroxide electrolytes. Russian Journal of Electrochemistry, 2008, 44, 676-682.	0.9	8
23	Internal stress in multilayer silverâ€“bismuth coatings. Journal of Applied Electrochemistry, 2005, 35, 539-544.	2.9	4
24	Effect of the electrolyte composition on In and Agâ€“In alloy electrodeposition from cyanide electrolytes. Journal of Applied Electrochemistry, 2005, 35, 1245-1251.	2.9	19
25	Composition and Structure of Silver-Indium Alloy Coatings Electrodeposited from Cyanide Electrolytes. Journal of the Electrochemical Society, 2005, 152, C137.	2.9	40
26	Structure and properties of electrodeposited silverâ€“bismuth alloys. Journal of Applied Electrochemistry, 2004, 34, 79-85.	2.9	36
27	Effect of electrolysis conditions on the deposition of silverâ€“bismuth alloys. Journal of Applied Electrochemistry, 2003, 33, 1199-1204.	2.9	21
28	Title is missing!. Journal of Applied Electrochemistry, 2002, 32, 811-818.	2.9	17
29	Electrodeposition and properties of cyclically modulated silverâ€“antimony alloys. Journal of Applied Electrochemistry, 2002, 32, 1141-1149.	2.9	9
30	Title is missing!. Journal of Applied Electrochemistry, 2001, 31, 647-654.	2.9	35
31	A cyclic voltammetric study of ferrocyanide-thiocyanate silver electrodeposition electrolyte. Journal of Applied Electrochemistry, 2001, 31, 1041-1047.	2.9	15
32	Colliding Spiral Waves Propagating on the Electrode. Chemistry Letters, 2000, 29, 88-89.	1.3	7
33	In situstress measurements during electrodeposition of Ag-Sb and Pt-Co alloy multilayers. Journal of Physics Condensed Matter, 1999, 11, 10033-10040.	1.8	6
34	Effect of brighteners on hydrogen evolution during zinc electroplating from zincate electrolytes. Journal of Applied Electrochemistry, 1998, 28, 1107-1112.	2.9	53
35	Electrochemical instability of Ag/Sb co-deposition coupled with a magnetohydrodynamic flow. Chemical Physics Letters, 1998, 294, 204-208.	2.6	33
36	Pattern formation during the electrodeposition of a silver-antimony alloy. Physica A: Statistical Mechanics and Its Applications, 1995, 213, 199-208.	2.6	75