Stane R Pejovnik

List of Publications by Year
in descending order

73	3,206	201674	149698
papers	citations	27 h-index	56 g-index

73	73	73	3910
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sulphured Polyacrylonitrile Composite Analysed by in operando UV-Visible Spectroscopy and 4-electrode Swagelok Cell. Acta Chimica Slovenica, 2016, 63, 569-577.	0.6	2
2	Chloride ion penetration into fly ash modified concrete during wettingâ€“drying cycles. Construction and Building Materials, 2015, 93, 1216-1223.	7.2	75
3	Crystallization Using Reverse Micelles and Water-in-Oil Microemulsion Systems: The Highly Selective Tool for the Purification of Organic Compounds from Complex Mixtures. Journal of Pharmaceutical Sciences, 2013, 102, 330-335.	3.3	3
4	Observations on dedolomitization of carbonate concrete aggregates, implications for ACR and expansion. Cement and Concrete Research, 2013, 54, 151-160.	11.0	30
5	Characterization of water/sodium bis(2-ethylhexyl) sulfosuccinate/sodium bis(amyl) sulfosuccinate/n-heptane mixed reverse micelles and w/o microemulsion systems: The influence of water and sodium bis(amyl) sulfosuccinate content. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2011, 385, 249-255.	4.7	11
6	In and Ex Situ Studies of the Formation of Layered Microspherical Hydrozincite as Precursor for ZnO. Chemistry - A European Journal, 2010, 16, 11481-11488.	3.3	14
7	Selective catalysts for the hydrogen oxidation and oxygen reduction reactions by patterning of platinum with calix[4]arene molecules. Nature Materials, 2010, 9, 998-1003.	27.5	151
8	On the Interpretation of Measured Impedance Spectra of Insertion Cathodes for Lithium-Ion Batteries. Journal of the Electrochemical Society, 2010, 157, A1218.	2.9	171
9	Electrochemical binding and wiring in battery materials. Journal of Power Sources, 2008, 184, 593-597.	7.8	47
10	AES and XPS investigations of molybdenumâ€sulfurâ€iodineâ€based nanowireâ€type material. Surface and Interface Analysis, 2008, 40, 1289-1293.	1.8	5
11	RuO2-wired high-rate nanoparticulate TiO2 (anatase): Suppression of particle growth using silica. Electrochemistry Communications, 2008, 10, 926-929.	4.7	31
12	Synthesis and Characterization of Mo6S4.5I4.5 Nanowires. Journal of Nanoscience and Nanotechnology, 2007, 7, 982-985.	0.9	3
13	The effects of nitriding on the magnetic properties of Smâ€“Fe- and Smâ€“Feâ€“Ta-based materials. Journal of Alloys and Compounds, 2007, 433, 256-260.	5.5	4
14	Coprecipitation of copper/zinc compounds in metal saltâ€“ureaâ€“water system. Journal of the European Ceramic Society, 2007, 27, 451-455.	5.7	4
15	Electrical conductivity of Mo6S3I6 and Mo6S4.5I4.5 nanowires. Journal of the European Ceramic Society, 2007, 27, 975-977.	5.7	15
16	Modelling of electrical properties of Ni-YSZ composites. Journal of the European Ceramic Society, 2007, 27, 959-964.	5.7	20
17	Interfacial polymerization of pyrrole and in situ synthesis of polypyrrole/silver nanocomposites. Polymer, 2007, 48, 2007-2013.	3.8	143
18	Porous olivine composites synthesized by solâ€“gel technique. Journal of Power Sources, 2006, 153, 274-280.	7.8	260

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19	SYNTHESIS AND CHARACTERIZATION OF EPOXY-SINGLE-WALL CARBON NANOTUBE COMPOSITES. , 2006, , 225-226.		0
20	Two-channel electrical conduction in air-stable monodispersed Mo6S3I6 nanowire sheets. Journal of Applied Physics, 2006, 99, 064311.	2.5	16
21	Selective etching of metallic single-wall carbon nanotubes with hydrogen plasma. Nanotechnology, 2005, 16, 278-281.	2.6	95
22	Impact of the Carbon Coating Thickness on the Electrochemical Performance of LiFePO[sub 4]/C Composites. Journal of the Electrochemical Society, 2005, 152, A607.	2.9	445
23	Combustion synthesis and the influence of precursor packing on the sintering properties of LCC nanopowders. Journal of the European Ceramic Society, 2004, 24, 1935-1939.	5.7	12
24	Air-stable monodispersed Mo6S3I6nanowires. Nanotechnology, 2004, 15, 635-638.	2.6	112
25	Electrochemical preparation and characterisation of LizMoS2â˜'x nanotubes. Electrochimica Acta, 2003, 48, 3079-3084.	5.2	27
26	Increased surface roughness by oxygen plasma treatment of graphite/polymer composite. Applied Surface Science, 2003, 210, 255-261.	6.1	85
27	The role of carbon black distribution in cathodes for Li ion batteries. Journal of Power Sources, 2003, 119-121, 770-773.	7.8	255
28	Cellulose as a binding material in graphitic anodes for Li ion batteries: a performance and degradation study. Electrochimica Acta, 2003, 48, 883-889.	5.2	152
29	Gelatin-pretreated carbon particles for potential use in lithium ion batteries. Carbon, 2002, 40, 1117-1122.	10.3	44
30	An effective surfactant-free isolation procedure for single-wall carbon nanotubes. Carbon, 2002, 40, 2581-2585.	10.3	20
31	Gelatin-modified surfaces in selected electronic components. , 2001, , 177-179.		1
32	A Method of Manufacturing Highly Conductive Composite Materials by Coating Surfaces of Nonconductors with Fine Particulate Conductive Substances. Monatshefte FÃ¼r Chemie, 2001, 132, 487-497.	1.8	6
33	Carbon anodes prepared from graphite particles pretreated in a gelatine solution. Journal of Power Sources, 2001, 94, 97-101.	7.8	46
34	Improved carbon anode properties: pretreatment of particles in polyelectrolyte solution. Journal of Power Sources, 2001, 97-98, 67-69.	7.8	42
35	Determination of the local electrical properties in ceramic materials gained by microcontact impedance spectroscopy. Journal of the European Ceramic Society, 2001, 21, 1759-1762.	5.7	4
36	A Novel Coating Technology for Preparation of Cathodes in Li-Ion Batteries. Electrochemical and Solid-State Letters, 2001, 4, A187.	2.2	114

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37	A Study of Metal (Ni, Pt, Au)/Yttria-Stabilized Zirconia Interface in Hydrogen Atmosphere at Elevated Temperature. Journal of the Electrochemical Society, 2001, 148, A878.	2.9	58
38	A method of studying carbon particle distribution in paint films. Thin Solid Films, 2000, 376, 5-8.	1.8	35
39	Effect of electrode material on the oxidation of H2 at the metalâ€“Sr0.995Ce0.95Y0.05O2.970 interface. Solid State Ionics, 2000, 131, 249-259.	2.7	46
40	Grain boundary conductance in AgCl gained by micro-contact impedance spectroscopy. Solid State Ionics, 2000, 133, 129-138.	2.7	22
41	Influence of humidity on microstructure and electrical characteristics of (PEOâ€“plasticiser)nLiAl(SO3Cl)4 polymer electrolytes. Solid State Ionics, 2000, 131, 323-327.	2.7	8
42	Molecular Bridging between Water-Dispersed Particles and Gelatin-Coated Surfaces. Langmuir, 2000, 16, 8334-8342.	3.5	15
43	Time Evolution of the Impedance Response of a Passive Film: A Simple Application to the Liâ€‰/â€‰SOCl2 system. Journal of the Electrochemical Society, 1999, 146, 933-940.	2.9	17
44	A powerful electrical network model for the impedance of mixed conductors. Electrochimica Acta, 1999, 44, 4139-4145.	5.2	118
45	Substrate-induced deposition of microporous particles on gelatine-modified surfaces. Journal of Materials Science Letters, 1999, 18, 1841-1843.	0.5	10
46	Electrical and electrochemical characterisation of (PEO)nM(SO3Cl)x (M=Li, LiAl, Ca) polymer electrolytes. Electrochimica Acta, 1998, 43, 2373-2379.	5.2	3
47	Adsorption of cetyltrimethylammonium bromide on carbon black from aqueous solution. Carbon, 1998, 36, 1207-1212.	10.3	53
48	Substrate-induced coagulation of carbon black on gelatine-modified printed wiring board surfaces. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1998, 143, 17-26.	4.7	31
49	The role of pyridine ring functionalization and anion structure on the conductivity of crosslinked polyvinylpyridinium salts. Electrochimica Acta, 1997, 42, 2485-2492.	5.2	2
50	Differential Measurement of Nonlinear Electrical Relaxation of Lithium Batteries. Journal of the Electrochemical Society, 1996, 143, 3148-3152.	2.9	0
51	A new penetration impedance technique. Electrochimica Acta, 1996, 41, 1011-1015.	5.2	7
52	Impedance spectroscopy as a technique for studying the spontaneous passivation of metals in electrolytes. Electrochimica Acta, 1996, 41, 1137-1142.	5.2	50
53	A note on the impedance response of Li/LiCl/solid electrode system. Solid State Ionics, 1996, 91, 101-108.	2.7	3
54	Single-crystal structure refinement of four compounds in the Y1â^'xPrxBa2Cu3â^'yAlyO7â^'Î´ system. Journal of Materials Research, 1996, 11, 3000-3004.	2.6	3

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55	Allâ€Solidâ€State Measurements of Electrical Properties of Passive Films on Lithium. Journal of the Electrochemical Society, 1996, 143, 1690-1695.	2.9	16
56	Influence of carbon black type on anode and cathode electrical properties in batteries. Electrochimica Acta, 1995, 40, 2723-2729.	5.2	7
57	Interfaces in solid ionic conductors: Equilibrium and small signal picture. Solid State Ionics, 1995, 75, 51-58.	2.7	118
58	Interfacial impedance of the boundary Ag/AgCl and its investigations by a novel method. Solid State Ionics, 1995, 80, 19-26.	2.7	9
59	Dissolution of Boron in Lithium Melt. The Journal of Physical Chemistry, 1995, 99, 4252-4260.	2.9	32
60	A study of the delay effect in SOCl2 batteries. Journal of Applied Electrochemistry, 1994, 24, 1001-1008.	2.9	8
61	Electrochemical characterization of lithium-boron composite. Journal of Applied Electrochemistry, 1994, 24, 78.	2.9	1
62	A new approach for the computation of the frequency response of space charge-containing interfaces. Electrochimica Acta, 1993, 38, 1975-1978.	5.2	12
63	Electrochemical behaviour of a Cu(II)â€“Cu(III) couple: Cyclic voltammetry and kinetic parameters at a platinum electrode in a strong alkaline medium and in the presence of tellurate anions. Journal of Electroanalytical Chemistry, 1993, 351, 81-90.	3.8	8
64	Space-charge model of the SEI conduction in the Li/SOCl2 system. Journal of Power Sources, 1993, 44, 391-396.	7.8	0
65	Impedance Spectroscopy of a Passive Layer on Lithium. Journal of the Electrochemical Society, 1993, 140, 308-314.	2.9	15
66	Comparison between the impedance spectra of Li/SOCl2 batteries obtained using the time and the frequency domain measurement techniques. Journal of Applied Electrochemistry, 1992, 22, 638-643.	2.9	2
67	Confirmation of the pesence of trivalent copper and peroxidic oxygen in superconducting YBa2Cu3O7-x materials and approval of their dependence on annealing procedure. Physica C: Superconductivity and Its Applications, 1991, 175, 607-614.	1.2	9
68	Spaceâ€Charge at the Lithiumâ€Lithium Chloride Interface. Journal of the Electrochemical Society, 1991, 138, 1582-1587.	2.9	8
69	Interpretation of ac impedance spectroscopy of the anodic passive layer in Li/SOCl2 batteries. Electrochimica Acta, 1990, 35, 423-426.	5.2	5
70	A.C. impedance studies of the anodic passivating layer in lithiumî—¸SOCl2 batteries. Journal of Power Sources, 1989, 25, 123-131.	7.8	8
71	Silane treatment of silicate fillers-II. Amphibia - Reptilia, 1984, 5, 269-279.	0.5	0
72	Densification of TiO2 by hot pressing. Ceramurgia International, 1977, 3, 92-94.	0.3	2

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73	The sintering of uranium monosulphide in presence of liquid phase. Materials Research Bulletin, 1972, 7, 1553-1558.	5.2	0