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List of Publications by Year in descending order

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50
papers

785
citations

471477

17
h-index

526264

27
g-index

50
all docs

50
docs citations

50
times ranked

1089
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning of hydrophobicity of conducting films cast from polyaniline-phytic acid-poly(N-vinylpyrrolidone) dispersions. <i>Progress in Organic Coatings</i> , 2022, 163, 106666.	3.9	1
2	Study of New Nitrogen-Fireable Copper-Nickel Thick Film Paste Formulation Compatible with Thick Printed Copper. <i>Materials</i> , 2022, 15, 1372.	2.9	7
3	Towards roll-to-roll printed batteries based on organic electrodes for printed electronics applications. <i>Journal of Energy Storage</i> , 2021, 40, 102680.	8.1	5
4	An Electrochemical Amperometric Ethylene Sensor with Solid Polymer Electrolyte Based on Ionic Liquid. <i>Sensors</i> , 2021, 21, 711.	3.8	14
5	Synthesis and optical properties of Ni^{2+} /Ga coordinated gallium boroxines. <i>Dalton Transactions</i> , 2021, 50, 18164-18172.	3.3	0
6	Fully Printed Disposable IoT Soil Moisture Sensors for Precision Agriculture. <i>Chemosensors</i> , 2020, 8, 125.	3.6	15
7	Screen-printed PEDOT:PSS/halloysite counter electrodes for dye-sensitized solar cells. <i>Synthetic Metals</i> , 2019, 256, 116148.	3.9	7
8	Wide range humidity sensors printed on biocomposite films of cellulose nanofibril and poly(ethylene Terephthalate). <i>Sensors</i> , 2019, 19, 35.	2.6	35
9	Asymmetric bipolar electrochemistry: Detailed empirical description and determination of output characteristics of a galvanic system with multiple short-circuited cells in one electrolyte. <i>Electrochimica Acta</i> , 2019, 307, 269-274.	5.2	0
10	Temperature modulated field effect in organic electrochemical transistor with ionic liquids. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	2
11	Testing and development platform for printed sensor and components. , 2018, , .		1
12	Organic electrochemical transistor based on ionic liquid: The temperature effect. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	2
13	Colorimetric analysis of thermochromic samples in different forms employing a digital camera. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018, 127, 554-564.	5.0	8
14	Optical, electrical and morphological study of PEDOT: PSS single layers spiral-bar coated with various secondary doping solvents. <i>Synthetic Metals</i> , 2017, 227, 139-147.	3.9	5
15	Pt-free counter electrodes based on modified screen-printed PEDOT:PSS catalytic layers for dye-sensitized solar cells. <i>Materials Science in Semiconductor Processing</i> , 2017, 66, 162-169.	4.0	28
16	Flexible smart tag for cold chain temperature monitoring. , 2017, , .		7
17	Biological properties of printable polyaniline and polyaniline-silver colloidal dispersions stabilized by gelatin. <i>Synthetic Metals</i> , 2017, 232, 52-59.	3.9	24
18	Influence of aging on printed passive components parameters. , 2017, , .		1

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19	Determination of Zinc, Cadmium, Lead, Copper and Silver Using a Carbon Paste Electrode and a Screen Printed Electrode Modified with Chromium(III) Oxide. <i>Sensors</i> , 2017, 17, 1832.	3.8	76
20	Application of Fluorescent Label in Polymer Nanofibers. <i>Advances in Materials Science and Engineering</i> , 2017, 2017, 1-6.	1.8	7
21	Influence of Topology on Performance of Organic Electrochemical Transistor. <i>Periodica Polytechnica Electrical Engineering and Computer Science</i> , 2016, 60, 211-216.	1.0	2
22	Comparison of quasi-solid state and liquid electrolytes for organic electrochemical transistor. , 2016, , .		1
23	Colloids of polypyrrole nanotubes/nanorods: A promising conducting ink. <i>Synthetic Metals</i> , 2016, 221, 67-74.	3.9	32
24	Gravure-printed ammonia sensor based on organic polyaniline colloids. <i>Sensors and Actuators B: Chemical</i> , 2016, 225, 510-516.	7.8	41
25	Cathode material for lithium ion accumulators prepared by screen printing for Smart Textile applications. <i>Journal of Power Sources</i> , 2016, 309, 192-201.	7.8	17
26	Printed inductors for RFID tags. , 2015, , .		2
27	Ionic Liquid based polymer electrolytes for electrochemical sensors. <i>Medziagotyra</i> , 2015, 21, .	0.2	1
28	Ionic liquid as an electrolyte for organic electrochemical transistor. , 2015, , .		3
29	Producing two-component thermochromic pattern by means of offset printing. , 2015, , .		3
30	Towards a fully printed electrochemical NO2 sensor on a flexible substrate using ionic liquid based polymer electrolyte. <i>Sensors and Actuators B: Chemical</i> , 2015, 209, 1084-1090.	7.8	47
31	Quantitative fluctuation-enhanced sensing in amperometric NO2 sensors. <i>Chemical Physics</i> , 2015, 456, 111-117.	1.9	15
32	Printed Flexible Gas Sensors based on Organic Materials. <i>Procedia Engineering</i> , 2015, 120, 614-617.	1.2	31
33	Thermal analysis of polyaniline poly(N-vinylpyrrolidone)-stabilized dispersions. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 116, 589-595.	3.6	10
34	Towards conducting inks: Polypyrrole-silver colloids. <i>Electrochimica Acta</i> , 2014, 122, 296-302.	5.2	29
35	Preparation of arsenic sulfide thin films for integrated optical elements by spiral bar coating. <i>Optical Materials Express</i> , 2014, 4, 384.	3.0	31
36	Fully Printed Electrochemical NO2 Sensor. <i>Procedia Engineering</i> , 2014, 87, 1043-1046.	1.2	4

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37	Characterization of Polyaniline-Based Ammonia Gas Sensors Prepared by Means of Spray Coating and Ink-Jet Printing. <i>Sensor Letters</i> , 2014, 12, 1620-1627.	0.4	6
38	Inhibition of premature polymerization of cationically polymerizable low viscosity systems. <i>Progress in Organic Coatings</i> , 2012, 74, 215-220.	3.9	4
39	Recent Progress in the pKa Estimation of Druglike Molecules by the Nonlinear Regression of Multiwavelength Spectrophotometric pH-Titration Data. <i>SRX Pharmacology</i> , 2010, 2010, 1-10.	0.2	3
40	Number of species in complexation equilibria of o-, m- and p-CAPAZOXS with Cd ²⁺ , Co ²⁺ , Ni ²⁺ , Pb ²⁺ and Zn ²⁺ ions by PCA of UV-vis spectra. <i>Talanta</i> , 2007, 71, 115-122.	5.5	0
41	A novel computational strategy for the p <i>K</i> _a estimation of drugs by non-linear regression of multiwavelength spectrophotometric pH-titration data exhibiting small spectral changes. <i>Journal of Physical Organic Chemistry</i> , 2007, 20, 690-701.	1.9	20
42	Reliability and uncertainty in the estimation of p <i>K</i> _a by least squares nonlinear regression analysis of multiwavelength spectrophotometric pH titration data. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 941-955.	3.7	29
43	Tutorial on a chemical model building by least-squares non-linear regression of multiwavelength spectrophotometric pH-titration data. <i>Analytica Chimica Acta</i> , 2006, 580, 107-121.	5.4	42
44	The thermodynamic dissociation constants of losartan, paracetamol, phenylephrine and quinine by the regression analysis of spectrophotometric data. <i>Analytica Chimica Acta</i> , 2005, 533, 97-110.	5.4	39
45	The thermodynamic dissociation constants of haemanthamine, lisuride, metergoline and nicergoline by the regression analysis of spectrophotometric data. <i>Analytica Chimica Acta</i> , 2005, 543, 254-266.	5.4	16
46	Number of species in complexation equilibria of SNAZOXS or Naphtylazoxine 6S and Cd, Co, Cu, Ni, Pb and Zn ions by PCA of UV-vis spectra. <i>Talanta</i> , 2005, 66, 547-561.	5.5	7
47	The thermodynamic dissociation constants of ambroxol, antazoline, naphazoline, oxymetazoline and ranitidine by the regression analysis of spectrophotometric data. <i>Talanta</i> , 2004, 62, 511-522.	5.5	42
48	Thermodynamic dissociation constants of silychristin, silybin, silydianin and mycophenolate by the regression analysis of spectrophotometric data. <i>Analytica Chimica Acta</i> , 2003, 486, 125-141.	5.4	38
49	Determination of the number of light-absorbing species in the protonation equilibria of selected drugs. <i>Analytica Chimica Acta</i> , 2003, 489, 137-151.	5.4	22
50	Application of Ink-Jet Printing and Spray Coating for the Fabrication of Polyaniline/Poly(N-Vinylpyrrolidone)-Based Ammonia Gas Sensor. <i>Key Engineering Materials</i> , 0, 644, 61-64.	0.4	3