

R Daniel Johnson

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

680
citations

759233

12
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

831
citing authors

#	ARTICLE	IF	CITATIONS
1	Ionophore-based ion-selective potentiometric and optical sensors. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 376, 328-341.	3.7	134
2	Development of a Fully Integrated Analysis System for Ions Based on Ion-Selective Optodes and Centrifugal Microfluidics. <i>Analytical Chemistry</i> , 2001, 73, 3940-3946.	6.5	112
3	Fluorescent Ion-Selective Optode Membranes Incorporated onto a Centrifugal Microfluidics Platform. <i>Analytical Chemistry</i> , 2002, 74, 5569-5575.	6.5	77
4	Behavior of capillary valves in centrifugal microfluidic devices prepared by three-dimensional printing. <i>Microfluidics and Nanofluidics</i> , 2011, 10, 877-888.	2.2	66
5	A Selective Optical Sensor Based on [9]Mercuracarborand-3, a New Type of Ionophore with a Chloride Complexing Cavity. <i>Analytical Chemistry</i> , 2000, 72, 4249-4254.	6.5	57
6	Improving the Blood Compatibility of Ion-Selective Electrodes by Employing Poly(MPC-co-BMA), a Copolymer Containing Phosphorylcholine, as a Membrane Coating. <i>Analytical Chemistry</i> , 2002, 74, 3644-3648.	6.5	42
7	Thermal, mechanical and conductive properties of imidazolium-containing thiol-ene poly(ionic liquid) networks. <i>Polymer</i> , 2016, 100, 1-9.	3.8	34
8	Microfluidic ion-sensing devices. <i>Analytica Chimica Acta</i> , 2008, 613, 20-30.	5.4	32
9	Chemical creativity with 3D printing. <i>Nature Chemistry</i> , 2012, 4, 338-339.	13.6	28
10	Covalently Crosslinked 1,2,3-Triazolium-Containing Polyester Networks: Thermal, Mechanical, and Conductive Properties. <i>ACS Omega</i> , 2018, 3, 13442-13453.	3.5	18
11	Anion-selective electrodes based on ionic liquid membranes: effect of ionic liquid anion on observed response. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 3025-3033.	3.7	15
12	Influence of Anion and Crosslink Density on the Ionic Conductivity of 1,2,3-Triazolium-Based Poly(ionic) Tj ETQq0,0 0 rgBT/Overlock	2.2	12
13	Self-healing behaviour of furan-maleimide poly(ionic liquid) covalent adaptable networks. <i>Polymer Chemistry</i> , 2020, 11, 5321-5326.	3.9	12
14	Polymeric Membrane Ion-Selective Electrodes Based on Molecular Asterisk Ionophores. <i>Electroanalysis</i> , 2002, 14, 1419-1425.	2.9	10
15	Electronic Effects on the Selectivity of Mercuracarborand Ionophores in Ion-Selective Electrodes and Membrane Formulations for Their Use in High Protein Concentration Environments. <i>Electroanalysis</i> , 2003, 15, 1244-1250.	2.9	10
16	¹ H NMR Study of Host-Guest Interactions of Micellar Assemblies from Amphiphilic Invertible Polymers and Peptides. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1700344.	2.2	8
17	Spectroscopic behavior of fluorescein as a constituent anion in a phosphonium-based ionic liquid material. <i>Materials Chemistry and Physics</i> , 2012, 132, 239-243.	4.0	5
18	Influence of counteranion and humidity on the thermal, mechanical and conductive properties of covalently crosslinked ionenes. <i>Polymer</i> , 2021, 222, 123641.	3.8	5

#	ARTICLE	IF	CITATIONS
19	Correlating the potentiometric selectivity of cyclosporin-based electrodes with binding patterns obtained from electrospray ionization-mass spectrometry. <i>Analyst</i> , The, 2017, 142, 3241-3249.	3.5	2
20	Design of Molecular Recognition Elements for Environmental Potentiometric Sensors. ACS Symposium Series, 2000, , 8-22.	0.5	1
21	Multidisciplinary graduate education in analytical chemistry. <i>Fresenius' Journal of Analytical Chemistry</i> , 2001, 371, 405-406.	1.5	0