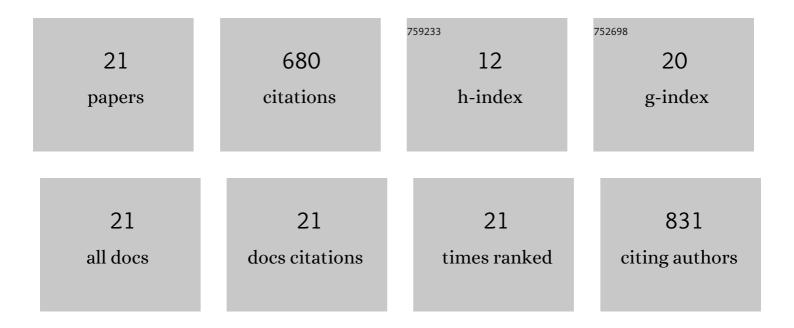
R Daniel Johnson

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|-------------------------|--------------|
| 1 | Ionophore-based ion-selective potentiometric and optical sensors. Analytical and Bioanalytical Chemistry, 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. Analytical Chemistry, 2001, 73, 3940-3946. | 6.5 | 112 |
| 3 | Fluorescent Ion-Selective Optode Membranes Incorporated onto a Centrifugal Microfluidics Platform. Analytical Chemistry, 2002, 74, 5569-5575. | 6.5 | 77 |
| 4 | Behavior of capillary valves in centrifugal microfluidic devices prepared by three-dimensional printing. Microfluidics and Nanofluidics, 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. Analytical Chemistry, 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. Analytical Chemistry, 2002, 74, 3644-3648. | 6.5 | 42 |
| 7 | Thermal, mechanical and conductive properties of imidazolium-containing thiol-ene poly(ionic liquid) networks. Polymer, 2016, 100, 1-9. | 3.8 | 34 |
| 8 | Microfluidic ion-sensing devices. Analytica Chimica Acta, 2008, 613, 20-30. | 5.4 | 32 |
| 9 | Chemical creativity with 3D printing. Nature Chemistry, 2012, 4, 338-339. | 13.6 | 28 |
| 10 | Covalently Crosslinked 1,2,3-Triazolium-Containing Polyester Networks: Thermal, Mechanical, and Conductive Properties. ACS Omega, 2018, 3, 13442-13453. | 3.5 | 18 |
| 11 | Anion-selective electrodes based on ionic liquid membranes: effect of ionic liquid anion on observed response. Analytical and Bioanalytical Chemistry, 2011, 400, 3025-3033. | 3.7 | 15 |
| 12 | Influence of Anion and Crosslink Density on the Ionic Conductivity of 1,2,3â€Triazoliumâ€Based Poly(ionic) Tj ET | ⁻ Qq0 0 0 rş | gBT /Overloc |
| 13 | Self-healing behaviour of furan–maleimide poly(ionic liquid) covalent adaptable networks. Polymer Chemistry, 2020, 11, 5321-5326. | 3.9 | 12 |
| 14 | Polymeric Membrane Ion-Selective Electrodes Based on Molecular Asterisk Ionophores. Electroanalysis, 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. Electroanalysis, 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. Macromolecular Chemistry and Physics, 2017, 218, 1700344. | 2.2 | 8 |

| 17 | Spectroscopic behavior of fluorescein as a constituent anion in a phosphonium-based ionic liquid material. Materials Chemistry and Physics, 2012, 132, 239-243. | 4.0 | 5 | |
|----|---|-----|---|--|
| | Influence of counteranian and humidity on the thermal machanical and conductive properties of | | | |

Influence of counteranion and humidity on the thermal, mechanical and conductive properties of covalently crosslinked ionenes. Polymer, 2021, 222, 123641. 18 3.8 5

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Correlating the potentiometric selectivity of cyclosporin-based electrodes with binding patterns obtained from electrospray ionization-mass spectrometry. Analyst, 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. Fresenius' Journal of Analytical Chemistry, 2001, 371, 405-406. | 1.5 | 0 |