

# ACS Citation Style QuickGuide

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Last update: november 21, 2012

The following are examples based on the 3<sup>rd</sup> edition of **The ACS Style Guide: A Manual for Authors and Editors** edited by Anne M. Coghill and Lorrin R. Garson. For further explanation or for more examples, please consult the full guide which can be found in the Reference section of the Augustana Library at **REF QD 8.5 A25 2006**.

For Chemistry courses at Augustana, reference may be cited in text one of two ways: **either** by number (superscript or an italicized number in parentheses) or by author-date. **Both** types require the inclusion of a bibliography (under the heading 'Literature Cited'). **Format:** The Literature Cited section is arranged based on the selection of in text reference style. Therefore, arrange references in numerical order if numbering references or alphabetically if using the author-date style. To determine the abbreviated name of a periodical, check out <http://cassi.cas.org/> or <http://www.library.ubc.ca/scieng/coden.html>

|   | Literature Cited  | In Text (Number)                     | In Text (author-date) Citation  |
|---|---|--------------------------------------|---------------------------------|
| <b>Journal article (2 authors)</b><br>(See pp. 289 & 291)   | Stephenson, J. L. Jr.; McLuckey, S. A. Simplification of Product Ion Spectra Derived from Multiply Charged Parent Ions via Ion/Ion Chemistry. <i>Anal. Chem.</i> <b>1998</b> , <i>70</i> , 3533-3544.   | Stephenson and McLuckey <sup>1</sup> | (Stephenson and McLuckey, 1998) |
| <b>Journal article (3+ authors)</b><br><b>List all authors in Literature Cited</b><br>(See pp. 289 & 291) | O'Brien, S. C.; Heath, J. R.; Curl, R. F.; Smalley, R. E. Photophysics of Buckminsterfullerene and Other Carbon Cluster Ions. <i>J. Chem. Phys.</i> <b>1988</b> , <i>88</i> , 220-230.  | O'Brien et al. (2)                   | (O'Brien et al., 1988)          |
| <b>Journal article (each issue begins at page 1)</b><br>(See p. 296)                                      | Marx, V. Molecular Imaging. <i>Chem. Eng. News</i> <b>2005</b> , <i>83</i> (30), 25-34.   | Marx <sup>3</sup>                    | (Marx, 2005)                    |
| <b>Journal article (one word journal title)</b><br>(See p. 291)   | Kim, Y. H.; Fox, J. L. The Chemistry of Hydrocarbon Ions in the Jovian Ionosphere. <i>Icarus</i> <b>1994</b> , <i>112</i> (2), 310-325.   | Kim and Fox (4)                      | (Kim and Fox, 1994)             |
| <b>Journal article Online - PDF</b><br>(See p. 318)   | Haddad, H. A. The Effect of Heavy Metals Cadimium, Chromium and Iron Accumulation in Human Eyes. <i>Am. J. Anal. Chem.</i> [Online] <b>2012</b> , <i>3</i> (10), 710-713. <a href="http://www.scirp.org/journal/ajac/">http://www.scirp.org/journal/ajac/</a> (accessed November 16, 2012). | Haddad <sup>5</sup>                  | (Haddad, 2012)                  |

|   | Literature Cited  | In Text (Number)   | In Text (Parenthetical) Citation |
|---|---|--|----------------------------------|
| <b>Journal article<br/>Online - HTML</b><br>(See p. 318)                  | Logan, J. L.; Rumbaugh, C. E. The Chemistry of Perfume: A Laboratory Course for Nonscience Majors. <i>J. Chem. Educ.</i> [Online] <b>2012</b> , 89 (5). Academic Search Complete. <a href="http://www.ebscohost.com/academic/academic-search-complete">http://www.ebscohost.com/academic/academic-search-complete</a> (accessed November 16, 2012).   | Logan and Rumbaugh (6)   | (Logan and Rumbaugh, 2012)       |
| <b>Book</b><br>(See p. 300)   | Richens, D. T. <i>The Chemistry of Aqua Ions : Synthesis, Structure, and Reactivity: A Tour Through the Periodic Table of the Elements</i> ; Wiley: New York, 1997.   | Richens <sup>7</sup>   | (Richens, 1997)                  |
| <b>Book</b><br>If no author given, use editors.<br>(See p. 301)           | Bandy, A. R., Ed. <i>The Chemistry of the Atmosphere: Oxidants and Oxidation in the Earth's Atmosphere</i> ; Royal Society of Chemistry: Cambridge, England, 1995.  | Bandy (8)  | (Bandy, 1995)                    |
| <b>E-Book</b><br>(See p. 319)   | Khan, J. I.; Kennedy, T. J.; Christian, D. R., Jr. <i>Basic Principles of Forensic Chemistry</i> [Online]; Humana Press: New York, 2012. <a href="http://www.springerlink.com/login.ezproxy.library.ualberta.ca/content/t63683/#section=987315&amp;page=4&amp;locus=46">http://www.springerlink.com/login.ezproxy.library.ualberta.ca/content/t63683/#section=987315&amp;page=4&amp;locus=46</a> (accessed March 20, 2012). | Khan et al. <sup>9</sup>   | (Khan et al., 2012)              |
| <b>Chapter, essay or article in a book/reference book</b><br>(See p. 300) | Martel, A. E.; Motekaitis, R. J. Coordination Chemistry and Speciation of Al(III) in Aqueous Solution. In <i>Environmental Chemistry and Toxicology of Aluminum</i> ; Lewis, T. E., Ed.; CRC Press: Chelsea, MI, 1989; pp 3-18.   | Martel and Motekaitis (10)   | (Martel and Motekaitis, 1989)    |
| <b>Magazine article (no author)</b><br>(See p. 299)                       | Better Loving Through Chemistry? <i>Business Week Online</i> , Oct 13, 2005, pp 2-4.  | ...as stated in the article "Better Loving Through Chemistry?" <sup>11</sup> | (Better Loving, 2005)            |

|  | Literature Cited  | In Text (Number)    | In Text (Parenthetical) Citation |
|--|---|---------------------|----------------------------------|
| <b>Web page</b><br>Not all elements will necessarily be available but URL <i>must</i> be documented.<br>(See p. 320) | Hill, M. The New Face of Concrete.<br><a href="http://www.chemistry.org/portal/a/c/s/1/feature_ent.html?id=c373e907562766568f6a17245d830100">http://www.chemistry.org/portal/a/c/s/1/feature_ent.html?id=c373e907562766568f6a17245d830100</a> (accessed Nov 7, 2005). | Hill (12)           | (Hill, 2005)                     |
| <b>Personal Communication</b><br>(See p. 316)  | Smith, J. T. Augustana Campus, University of Alberta, Camrose, AB.<br>Personal communication, 2005.   | Smith <sup>13</sup> | (Smith, 2005)                    |

### Sample Literature Cited (using author-date system; note formatting of single-spacing and hanging indent)

#### Literature Cited

- Bandy, A. R. Ed. *The Chemistry of the Atmosphere: Oxidants and Oxidation in the Earth's Atmosphere*; Royal Society of Chemistry: Cambridge, England, 1995.
- Better Loving Through Chemistry? *Business Week Online*, Oct 13, 2005, pp 2-4.
- Haddad, H. A. The Effect of Heavy Metals Cadmium, Chromium and Iron Accumulation in Human Eyes. *Am. J. Anal. Chem.* [Online] **2012**, 3 (10), 710-713. <http://www.scirp.org/journal/ajac/> (accessed November 16, 2012).
- Hill, M. The New Face of Concrete. [http://www.chemistry.org/portal/a/c/s/1/feature\\_ent.html?id=c373e907562766568f6a17245d830100](http://www.chemistry.org/portal/a/c/s/1/feature_ent.html?id=c373e907562766568f6a17245d830100) (accessed Nov 7, 2005).
- Khan, J. I.; Kennedy, T. J.; Christian, D. R., Jr. *Basic Principles of Forensic Chemistry* [Online]; Humana Press: New York, 2012. <http://www.springerlink.com/login.ezproxy.library.ualberta.ca/content/t63683/#section=987315&page=4&locus=46> (accessed March 20, 2012).
- Kim, Y. H.; Fox, J. L. The Chemistry of Hydrocarbon Ions in the Jovian Ionosphere. *Icarus* **1994**, 112 (2), 310-325.
- Logan, J. L.; Rumbaugh, C. E. The Chemistry of Perfume: A Laboratory Course for Nonscience Majors. *J. Chem. Educ.* [Online] **2012**, 89 (5). Academic Search Complete. <http://www.ebscohost.com/academic/academic-search-complete> (accessed November 16, 2012).
- Martel, A. E.; Motekaitis, R. J. Coordination Chemistry and Speciation of Al(III) in Aqueous Solution. In *Environmental Chemistry and Toxicology of Aluminum*; Lewis, T. E., Ed.; CRC Press: Chelsea, MI, 1989; pp 3-18.
- Marx, V. Molecular Imaging. *Chem. Eng. News* **2005**, 83 (30), 25-34.
- O'Brien, S. C.; Heath, J. R.; Curl, R. F.; Smalley, R. E. Photophysics of Buckminsterfullerene and Other Carbon Cluster Ions. *J. Chem. Phys.* **1988**, 88, 220-230.
- Richens, D.T. *The Chemistry of Aqua Ions: Synthesis, Structure, and Reactivity: A Tour through the Periodic Table of the Elements*; Wiley: New York, 1997.
- Smith, J. T. Augustana Campus, University of Alberta, Camrose, AB. Personal communication, 2005.
- Stephenson, J. L. Jr.; McLuckey, S. A. Simplification of Product Ion Spectra Derived from Multiply Charged Parent Ions via Ion/Ion Chemistry. *Anal. Chem.* **1998**, 70, 3533-3544.

### Sample Literature Cited (using number system; note formatting of single-spacing and hanging indent)

#### Literature Cited

1. Stephenson, J.L. Jr.; McLuckey, S.A. Simplification of Product Ion Spectra Derived from Multiply Charged Parent Ions via Ion/Ion Chemistry. *Anal. Chem.* **1998**, 70, 3533-3544.
2. O'Brien, S. C.; Heath, J. R.; Curl, R. F.; Smalley, R. E. Photophysics of Buckminsterfullerene and Other Carbon Cluster Ions. *J. Chem. Phys.* **1988**, 88, 220-230.
3. Marx, V. Molecular Imaging. *Chem. Eng. News* **2005**, 83 (30), 25-34.
4. Kim, Y. H.; Fox, J. L. The Chemistry of Hydrocarbon Ions in the Jovian Ionosphere. *Icarus* **1994**, 112 (2), 310-325.
5. Haddad, H. A. The Effect of Heavy Metals Cadmium, Chromium and Iron Accumulation in Human Eyes. *Am. J. Anal. Chem.* [Online] **2012**, 3 (10), 710-713. <http://www.scirp.org/journal/ajac/> (accessed November 16, 2012).
6. Logan, J. L.; Rumbaugh, C. E. The Chemistry of Perfume: A Laboratory Course for Nonscience Majors. *J. Chem. Educ.* [Online] **2012**, 89 (5). Academic Search Complete. <http://www.ebscohost.com/academic/academic-search-complete> (accessed November 16, 2012).
7. Richens, D.T. *The Chemistry of Aqua Ions: Synthesis, Structure, and Reactivity: A Tour Through the Periodic Table of the Elements*; Wiley: New York, 1997.
8. Bandy, A. R., Ed. *The Chemistry of the Atmosphere: Oxidants and Oxidation in the Earth's Atmosphere*; Royal Society of Chemistry: Cambridge, England, 1995.
9. Khan, J. I.; Kennedy, T. J.; Christian, D. R., Jr. *Basic Principles of Forensic Chemistry* [Online]; Humana Press: New York, 2012. <http://www.springerlink.com/login.ezproxy.library.ualberta.ca/content/t63683/#section=987315&page=4&locus=46> (accessed March 20, 2012).
10. Martel, A.E.; Motekaitis, R.J. Coordination Chemistry and Speciation of Al(III) in Aqueous Solution. In *Environmental Chemistry and Toxicology of Aluminum*; Lewis, T.E., Ed.; CRC Press: Chelsea, MI, 1989; pp 3-18.
11. Better Loving Through Chemistry? *Business Week Online*, Oct 13, 2005, pp 2-4.
12. Hill, M. The New Face of Concrete. [http://www.chemistry.org/portal/a/c/s/1/feature\\_ent.html?id=c373e907562766568f6a17245d830100](http://www.chemistry.org/portal/a/c/s/1/feature_ent.html?id=c373e907562766568f6a17245d830100) (accessed Nov 7, 2005).
13. Smith, J. T. Augustana Campus, University of Alberta, Camrose, AB. Personal communication, 2005.

## Deciphering citations:

The following was created to help make sense of the elements within a citation. This example is based on a journal article retrieved online in PDF format.

