

## The authoryear style

This style implements the author-year citation scheme.

### Additional package options

#### The dashed option

By default, this style replaces recurrent authors/editors in the bibliography by a dash so that items by the same author or editor are visually grouped. This feature is controlled by the package option `dashed`. Setting `dashed=false` in the preamble will disable this feature. The default setting is `dashed=true`.

#### The mergedate option

Since this style prints the date label after the author/editor in the bibliography, there are effectively two dates in the bibliography: the full date specification (e.g., “2001”, “June 2006”, “5th Jan. 2008”, whose format is controlled by the `date` option) and the date label (e.g., “2006a”, whose format is controlled with the `labeldate` option), as found in citations. The `mergedate` option controls whether or not date specifications are merged with the date label. This option is best explained by example. Note that it only affects the bibliography. Citations use the date label only.

Doe 2000  
Doe 2003a  
Doe 2003b  
Doe 2006a  
Doe 2006b  
Doe 2017

`mergedate=false` strictly separates the date specification (following `date`) from the date label (following `labeldate`). The year will always be printed twice:

Doe, John (2000). *Book 1*. Location: Publisher, 2000.  
Doe, John (2003a). *Book 2*. Location: Publisher, 2003.  
Doe, John (2003b). *Book 3*. Location: Publisher, 2003.  
Doe, John (2006a). “Article 1”. In: *Monthly Journal* 25.6 (June 2006), pp. 70–85.  
Doe, John (2006b). “Article 2”. In: *Quarterly Journal* 14.3 (Fall 2006), pp. 5–25.  
Doe, John (2017). *Webpage*. 7th Aug. 2017.

`mergedate=minimum` omits the date whenever the full date and the date label have exactly the same precision (date-time granularity).

Doe, John (2000). *Book 1*. Location: Publisher.  
Doe, John (2003a). *Book 2*. Location: Publisher, 2003.  
Doe, John (2003b). *Book 3*. Location: Publisher, 2003.  
Doe, John (2006a). “Article 1”. In: *Monthly Journal* 25.6 (June 2006), pp. 70–85.  
Doe, John (2006b). “Article 2”. In: *Quarterly Journal* 14.3 (Fall 2006), pp. 5–25.  
Doe, John (2017). *Webpage*. 7th Aug. 2017.

`mergedate=basic` is similar in concept but more economical. It will also omit

the date if it differs from the date label only by `extradate`.

Doe, John (2000). *Book 1*. Location: Publisher.  
Doe, John (2003a). *Book 2*. Location: Publisher.  
Doe, John (2003b). *Book 3*. Location: Publisher.  
Doe, John (2006a). “Article 1”. In: *Monthly Journal* 25.6 (June 2006), pp. 70–85.  
Doe, John (2006b). “Article 2”. In: *Quarterly Journal* 14.3 (Fall 2006), pp. 5–25.  
Doe, John (2017). *Webpage*. 7th Aug. 2017.

`mergedate=compact` merges all date specifications with the date labels. The merged date is printed in `date` format, not `labeldate`, even if it is printed in the position of the date label. The `issue` field is still treated specially:

Doe, John (2000). *Book 1*. Location: Publisher.  
Doe, John (2003a). *Book 2*. Location: Publisher.  
Doe, John (2003b). *Book 3*. Location: Publisher.  
Doe, John (June 2006a). “Article 1”. In: *Monthly Journal* 25.6, pp. 70–85.  
Doe, John (2006b). “Article 2”. In: *Quarterly Journal* 14.3 (Fall), pp. 5–25.  
Doe, John (7th Aug. 2017). *Webpage*.

`mergedate=maximum` strives for maximum compactness. Like `mergedate=compact` this option merges the date into the date label. Even the `issue` field is merged with the date label:

Doe, John (2000). *Book 1*. Location: Publisher.  
Doe, John (2003a). *Book 2*. Location: Publisher.  
Doe, John (2003b). *Book 3*. Location: Publisher.  
Doe, John (June 2006a). “Article 1”. In: *Monthly Journal* 25.6, pp. 70–85.  
Doe, John (Fall 2006b). “Article 2”. In: *Quarterly Journal* 14.3, pp. 5–25.  
Doe, John (7th Aug. 2017). *Webpage*.

`mergedate=true` is an alias for `mergedate=compact`. This is the default setting.

### `\cite examples`

Goossens, Mittelbach, and Samarin 1994  
Goossens, Mittelbach, and Samarin 1994, p. 59  
see Goossens, Mittelbach, and Samarin 1994  
see Goossens, Mittelbach, and Samarin 1994, pp. 59–63

### `\parencite examples`

This is just filler text (Goossens, Mittelbach, and Samarin 1994).  
This is just filler text (Goossens, Mittelbach, and Samarin 1994, p. 59).  
This is just filler text (see Goossens, Mittelbach, and Samarin 1994).  
This is just filler text (see Goossens, Mittelbach, and Samarin 1994, pp. 59–63).

### `\parencite* examples`

Goossens, Mittelbach, and Samarin show that this is just filler text (1994).

### **\footcite examples**

This is just filler text.<sup>1</sup>

This is just filler text.<sup>2</sup>

This is just filler text.<sup>3</sup>

This is just filler text.<sup>4</sup>

### **\textcite examples**

Goossens, Mittelbach, and Samarin (1994) show that this is just filler text.

Goossens, Mittelbach, and Samarin (1994, p. 59) show that this is just filler text.

Goossens, Mittelbach, and Samarin (see 1994) show that this is just filler text.

Goossens, Mittelbach, and Samarin (see 1994, pp. 59–63) show that this is just filler text.

### **\autocite examples**

This is just filler text (Goossens, Mittelbach, and Samarin 1994).

Goossens, Mittelbach, and Samarin show that this is just filler text (1994).

### **Multiple citations**

Knuth 1986b; Aristotle 1929; Knuth 1986a; Aristotle 1968; Aristotle 1877;  
Knuth 1986c

### **Shorthand examples**

KpV; KU

---

<sup>1</sup>Goossens, Mittelbach, and Samarin 1994.

<sup>2</sup>Goossens, Mittelbach, and Samarin 1994, p. 59.

<sup>3</sup>See Goossens, Mittelbach, and Samarin 1994.

<sup>4</sup>See Goossens, Mittelbach, and Samarin 1994, pp. 59–63.

## References

- Almendro, José L. et al. (1998). “Elektromagnetisches Signalthorn.” Pat. EU-29702195U (FR, GB, DE).
- Angenendt, Arnold (2002). “In Honore Salvatoris – Vom Sinn und Unsinn der Patrozinienkunde.” In: *Revue d’Histoire Ecclésiastique* 97, pp. 431–456, 791–823.
- Aristotle (1877). *The Rhetoric of Aristotle with a commentary by the late Edward Meredith Cope*. Ed. and comm. by Edward Meredith Cope. 3 vols. Cambridge University Press.
- (1907). *De Anima*. Ed. by Robert Drew Hicks. Cambridge: Cambridge University Press.
- (1929). *Physics*. Trans. by P. H. Wicksteed and F. M. Cornford. New York: G. P. Putnam.
- (1968). *Poetics*. Ed. by D. W. Lucas. Clarendon Aristotle. Oxford: Clarendon Press.
- Augustine, Robert L. (1995). *Heterogeneous catalysis for the synthetic chemist*. New York: Marcel Dekker.
- Averroes (1869). *Drei Abhandlungen über die Conjunction des separaten Intellects mit dem Menschen. Von Averroes (Vater und Sohn), aus dem Arabischen übersetzt von Samuel Ibn Tibbon*. Ed. and trans. by J. Hercz. Berlin: S. Hermann.
- (1892). *Des Averroës Abhandlung: “Über die Möglichkeit der Conjunction” oder “Über den materiellen Intellekt.”* Ed., trans., and annot. by Ludwig Hannes. Halle an der Saale: C. A. Kaemmerer.
- (1982). *The Epistle on the Possibility of Conjunction with the Active Intellect by Ibn Rushd with the Commentary of Moses Narboni*. Ed. and trans. by Kalman P. Bland. Moreshet: Studies in Jewish History, Literature and Thought 7. New York: Jewish Theological Seminary of America.
- Baez, John C. and Aaron D. Lauda (Oct. 27, 2004b). *Higher-Dimensional Algebra V: 2-Groups*. Version 3. arXiv: math/0307200v3.
- (2004a). “Higher-Dimensional Algebra V: 2-Groups.” Version 3. In: *Theory and Applications of Categories* 12, pp. 423–491. arXiv: math/0307200v3.
- Bertram, Aaron and Richard Wentworth (1996). “Gromov invariants for holomorphic maps on Riemann surfaces.” In: *J. Amer. Math. Soc.* 9.2, pp. 529–571.
- Brandt, Ahasver von and Erich Hoffmann (1987). “Die nordischen Länder von der Mitte des 11. Jahrhunderts bis 1448.” In: *Europa im Hoch- und Spätmittelalter*. Ed. by Ferdinand Seibt. Handbuch der europäischen Geschichte 2. Stuttgart: Klett-Cotta, pp. 884–917.
- CMS (2003). *The Chicago Manual of Style. The Essential Guide for Writers, Editors, and Publishers*. 15th ed. Chicago, Ill.: University of Chicago Press. ISBN: 0-226-10403-6.
- Chiu, Willy W. and We Min Chow (1978). *A Hybrid Hierarchical Model of a Multiple Virtual Storage (MVS) Operating System*. Research rep. RC-6947. IBM.
- Cicero, Marcus Tullius (1995). *De natura deorum. Über das Wesen der Götter*. Latin and German. Ed. and trans. by Ursula Blank-Sangmeister. With an afterw. by Klaus Thraede. Stuttgart: Reclam.

- Coleridge, Samuel Taylor (1983). *The collected works of Samuel Taylor Coleridge*. Vol. 7.2: *Biographia literaria, or Biographical sketches of my literary life and opinions*. Ed. by Kathleen Coburn, James Engell, and W. Jackson Bate. Bollingen Series 75. London: Routledge and Kegan Paul.
- Computers and Graphics* (2011) 35.4: *Semantic 3D Media and Content*. ISSN: 0097-8493.
- Cotton, Frank Albert et al. (1999). *Advanced inorganic chemistry*. 6th ed. Chichester: Wiley.
- CTAN (2006). *CTAN. The Comprehensive TeX Archive Network*. URL: <http://www.ctan.org> (visited on 10/01/2006).
- Doody, Terrence (1974). "Hemingway's Style and Jake's Narration." In: *The Journal of Narrative Technique* 4.3, pp. 212–225.
- EB (2003). *The New Encyclopædia Britannica*. Ed. by Warren E. Preece. 15th ed. 32 vols. Chicago, Ill.: Encyclopædia Britannica.
- Gaonkar, Dilip Parameshwar, ed. (2001a). *Alternative Modernities*. Durham and London: Duke University Press. ISBN: 0-822-32714-7.
- (2001b). "On Alternative Modernities." In: *Alternative Modernities*. Ed. by Dilip Parameshwar Gaonkar. Durham and London: Duke University Press, pp. 1–23. ISBN: 0-822-32714-7.
- Geer, Ingrid de (1985). "Earl, Saint, Bishop, Skald – and Music. The Orkney Earldom of the Twelfth Century. A Musicological Study." PhD thesis. Uppsala: Uppsala Universitet.
- Gerhardt, Michael J. (2000). *The Federal Appointments Process. A Constitutional and Historical Analysis*. Durham and London: Duke University Press.
- Gillies, Alexander (1933). "Herder and the Preparation of Goethe's Idea of World Literature." In: *Publications of the English Goethe Society*. New ser. 9, pp. 46–67.
- Glashow, Sheldon (1961). "Partial Symmetries of Weak Interactions." In: *Nucl. Phys.* 22, pp. 579–588; Weinberg, Steven (1967). "A Model of Leptons." In: *Phys. Rev. Lett.* 19, pp. 1264–1266; Salam, Abdus (1968). "Weak and Electromagnetic Interactions." In: *Elementary particle theory. Relativistic groups and analyticity*. Proceedings of the Eighth Nobel Symposium (Aspenäs garden, Lerum, May 19–25, 1968). Ed. by Nils Svartholm. Stockholm: Almqvist & Wiksell, pp. 367–377.
- Gonzalez, Ray (2001). *The Ghost of John Wayne and Other Stories*. Tucson: The University of Arizona Press. ISBN: 0-816-52066-6.
- Goossens, Michel, Frank Mittelbach, and Alexander Samarin (1994). *The LaTeX Companion*. 1st ed. Reading, Mass.: Addison-Wesley. 528 pp.
- Hammond, Christopher (1997). *The basics of crystallography and diffraction*. Oxford: International Union of Crystallography and Oxford University Press.
- Herrmann, Wolfgang A. et al. (2006). "A carbocyclic carbene as an efficient catalyst ligand for C–C coupling reactions." In: *Angew. Chem. Int. Ed.* 45.23, pp. 3859–3862; Aksin, Özge et al. (2006). "Effect of immobilization on catalytic characteristics of saturated Pd-N-heterocyclic carbenes in Mizoroki-Heck reactions." In: *J. Organomet. Chem.* 691.13, pp. 3027–3036; Yoon, Myeong S. et al. (2006). "Palladium pincer complexes with reduced bond angle strain: efficient catalysts for the Heck reaction." In: *Organometallics* 25.10, pp. 2409–2411.
- Homer (2004). *Die Ilias*. Trans. by Wolfgang Schadewaldt. With an intro. by Joachim Latacz. 3rd ed. Düsseldorf and Zürich: Artemis & Winkler.

- Hostetler, Michael J. et al. (1998). “Alkanethiolate gold cluster molecules with core diameters from 1.5 to 5.2 nm. Core and monolayer properties as a function of core size.” In: *Langmuir* 14.1, pp. 17–30.
- Hyman, Arthur (1981). “Aristotle’s Theory of the Intellect and its Interpretation by Averroes.” In: *Studies in Aristotle*. Ed. by Dominic J. O’Meara. Studies in Philosophy and the History of Philosophy 9. Washington, D.C.: The Catholic University of America Press, pp. 161–191.
- Itzhaki, Nissan (Mar. 11, 1996). *Some remarks on ’t Hooft’s S-matrix for black holes*. Version 1. arXiv: [hep-th/9603067](https://arxiv.org/abs/hep-th/9603067).
- Jaffé, Philipp, ed. (1885–1888). *Regesta Pontificum Romanorum ab condita ecclesia ad annum post Christum natum MCXCVIII*. Red. by Samuel Loewenfeld, Ferdinand Kaltenbrunner, and Paul Ewald. 2nd ed. 2 vols. Leipzig.
- Kant, Immanuel (1968a). “Kritik der praktischen Vernunft.” In: *Kants Werke. Akademie Textausgabe*. Vol. 5: *Kritik der praktischen Vernunft. Kritik der Urtheilskraft*. Berlin: Walter de Gruyter, pp. 1–163.
- (1968b). “Kritik der Urtheilskraft.” In: *Kants Werke. Akademie Textausgabe*. Vol. 5: *Kritik der praktischen Vernunft. Kritik der Urtheilskraft*. Berlin: Walter de Gruyter, pp. 165–485.
- Kastenholz, M. A. and Philippe H. Hünenberger (2006). “Computation of methodology-independent ionic solvation free energies from molecular simulations. I. The electrostatic potential in molecular liquids.” In: *J. Chem. Phys.* 124, 124106. DOI: [10.1063/1.2172593](https://doi.org/10.1063/1.2172593).
- Knuth, Donald E. (1984). *Computers & Typesetting*. Vol. A: *The T<sub>E</sub>Xbook*. Reading, Mass.: Addison-Wesley.
- (1984–1986a). *Computers & Typesetting*. 5 vols. Reading, Mass.: Addison-Wesley.
- (1984–1986b). *Computers & Typesetting*. 5 vols. Reading, Mass.: Addison-Wesley.
- (1986a). *Computers & Typesetting*. Vol. B: *T<sub>E</sub>X: The Program*. Reading, Mass.: Addison-Wesley.
- (1986b). *Computers & Typesetting*. Vol. C: *The METAFONTbook*. Reading, Mass.: Addison-Wesley.
- (1986c). *Computers & Typesetting*. Vol. D: *METAFONT: The Program*. Reading, Mass.: Addison-Wesley.
- (1986d). *Computers & Typesetting*. Vol. E: *Computer Modern Typefaces*. Reading, Mass.: Addison-Wesley.
- Kowalik, F. and M. Isard (Jan. 11, 1995). “Estimateur d’un défaut de fonctionnement d’un modulateur en quadrature et étage de modulation l’utilisant.” French pat. req. 9500261.
- Kullback, Solomon (1959). *Information Theory and Statistics*. New York: John Wiley & Sons.
- (1997a). *Information Theory and Statistics*. New York: Dover Publications.
- (1997b). *Information Theory and Statistics*. New York: Dover Publications.
- Laufenberg, Xaver et al. (Sept. 13, 2006). “Elektrische Einrichtung und Betriebsverfahren.” European pat. 1700367. Robert Bosch GmbH, Daimler Chrysler AG, and Bayerische Motoren Werke AG.
- Loh, Nin C. (1992). “High-Resolution Micromachined Interferometric Accelerometer.” MA thesis. Cambridge, Mass.: Massachusetts Institute of Technology.

- Malinowski, Bronisław (1972). *Argonauts of the Western Pacific. An account of native enterprise and adventure in the Archipelagoes of Melanesian New Guinea*. 8th ed. London: Routledge and Kegan Paul.
- Markey, Nicolas (Oct. 16, 2005). *Tame the BeaST. The B to X of BibTeX*. Version 1.3. URL: [http://mirror.ctan.org/info/bibtex/tamethebeast/ttb\\_en.pdf](http://mirror.ctan.org/info/bibtex/tamethebeast/ttb_en.pdf) (visited on 10/01/2006).
- Maron, Monika (2000). *Animal Triste*. Trans. from the German by Brigitte Goldstein. Lincoln: University of Nebraska Press.
- Massa, Werner (2004). *Crystal structure determination*. 2nd ed. Berlin: Spinger.
- Matuz, Roger, ed. (1990). *Contemporary Literary Criticism*. Vol. 61. Detroit: Gale, pp. 204–208.
- Moore, Gordon E. (1965). “Cramming more components onto integrated circuits.” In: *Electronics* 38.8, pp. 114–117.
- (1998). “Cramming more components onto integrated circuits.” In: *Proceedings of the IEEE* 86.1, pp. 82–85.
- Moraux, Paul (1979). “Le *De Anima* dans la tradition grèque. Quelques aspects de l’interprétation du traité, de Theophraste à Themistius.” In: *Aristotle on Mind and the Senses*. Proceedings of the Seventh Symposium Aristotelicum (1975). Ed. by G. E. R. Lloyd and G. E. L. Owen. Cambridge: Cambridge University Press, pp. 281–324.
- Nietzsche, Friedrich (1988a). *Sämtliche Werke. Kritische Studienausgabe*. Ed. by Giorgio Colli and Mazzino Montinari. 2nd ed. 15 vols. München, Berlin, and New York: Deutscher Taschenbuch-Verlag and Walter de Gruyter.
- (1988b). *Sämtliche Werke. Kritische Studienausgabe*. Vol. 1: *Die Geburt der Tragödie. Unzeitgemäße Betrachtungen I–IV. Nachgelassene Schriften 1870–1973*. Ed. by Giorgio Colli and Mazzino Montinari. 2nd ed. München, Berlin, and New York: Deutscher Taschenbuch-Verlag and Walter de Gruyter.
- (1988c). “Unzeitgemäße Betrachtungen. Zweites Stück. Vom Nutzen und Nachtheil der Historie für das Leben.” In: *Sämtliche Werke. Kritische Studienausgabe*. Vol. 1: *Die Geburt der Tragödie. Unzeitgemäße Betrachtungen I–IV. Nachgelassene Schriften 1870–1973*. Ed. by Giorgio Colli and Mazzino Montinari. München, Berlin, and New York: Deutscher Taschenbuch-Verlag and Walter de Gruyter, pp. 243–334.
- Nussbaum, Martha (1978). *Aristotle’s “De Motu Animalium.”* Princeton: Princeton University Press.
- Padhye, Jitendra, Victor Firoiu, and Don Towsley (1999). *A Stochastic Model of TCP Reno Congestion Avoidance and Control*. Tech. rep. 99-02. Amherst, Mass.: University of Massachusetts.
- Piccato, Pablo (2001). *City of Suspects. Crime in Mexico City, 1900–1931*. Durham and London: Duke University Press.
- Pines, Shlomo (1979). “The Limitations of Human Knowledge According to Al-Farabi, ibn Bajja, and Maimonides.” In: *Studies in Medieval Jewish History and Literature*. Ed. by Isadore Twersky. Cambridge, Mass.: Harvard University Press, pp. 82–109.
- Reese, Trevor R. (1958). “Georgia in Anglo-Spanish Diplomacy, 1736–1739.” In: *William and Mary Quarterly*. 3rd ser. 15, pp. 168–190.
- Sarfraz, M. and M. F. A. Razzak (2002). “Technical section: An algorithm for automatic capturing of the font outlines.” In: *Computers and Graphics* 26.5, pp. 795–804. ISSN: 0097-8493.

- Shore, Bradd (Mar. 1991). “Twice-Born, Once Conceived. Meaning Construction and Cultural Cognition.” In: *American Anthropologist*. New ser. 93.1, pp. 9–27.
- Sigfridsson, Emma and Ulf Ryde (1998). “Comparison of methods for deriving atomic charges from the electrostatic potential and moments.” In: *Journal of Computational Chemistry* 19.4, pp. 377–395. DOI: 10.1002/(SICI)1096-987X(199803)19:4<377::AID-JCC1>3.0.CO;2-P.
- Sorace, Ronald E., Victor S. Reinhardt, and Steven A. Vaughn (Sept. 16, 1997). “High-Speed Digital-to-RF Converter.” U.S. pat. 5668842. Hughes Aircraft Company.
- Spiegelberg, Herbert (1969). “‘Intention’ und ‘Intentionalität’ in der Scholastik, bei Brentano und Husserl.” In: *Studia Philosophica* 29, pp. 189–216.
- Springer, Otto (1950). “Mediaeval Pilgrim Routes from Scandinavia to Rome.” In: *Mediaeval Studies* 12, pp. 92–122.
- Van Gennep, Arnold (1909a). *Les rites de passage*. Paris: Nourry.
- (1909b). *Les rites de passage*. Paris: Nourry.
- (1960). *The Rites of Passage*. Trans. from the French by Monika B. Vizedom and Gabrielle L. Caffee. University of Chicago Press.
- Vázquez de Parga, Luis, José María Lacarra, and Juan Uría Ríu (1993). *Las Peregrinaciones a Santiago de Compostela*. 3 vols. Ed. facs. de la realizada en 1948–49. Pamplona: Iberdrola.
- Vizedom, Monika B. and Gabrielle L. Caffee, trans. (1960). *The Rites of Passage*. University of Chicago Press.
- Wassenberg, Jan and Peter Sanders (Aug. 17, 2010). *Faster Radix Sort via Virtual Memory and Write-Combining*. Version 1. arXiv: 1008.2849v1 [cs.DS].
- Westfahl, Gary, ed. (2000a). *Space and Beyond. The Frontier Theme in Science Fiction*. Westport, Conn. and London: Greenwood.
- (2000b). “The True Frontier. Confronting and Avoiding the Realities of Space in American Science Fiction Films.” In: *Space and Beyond. The Frontier Theme in Science Fiction*. Ed. by Gary Westfahl. Westport, Conn. and London: Greenwood, pp. 55–65.
- Wilde, Oscar (1899). *The Importance of Being Earnest: A Trivial Comedy for Serious People*. English and American drama of the Nineteenth Century. Leonard Smithers and Company. Google Books: 4HIWAAAAYAAJ.
- Worman, Nancy (2002). *The Cast of Character. Style in Greek Literature*. Austin: University of Texas Press.