

```
reviewArticlesTable <- mydata.filtered[,c("AnalysisID","Year","ArticleName")]
tablica <- xtable(reviewArticlesTable,auto=TRUE, align = c("l","|L{1cm}", "|L{1cm}", "|L{12cm}"))
print(tablica, hline.after=c(-1, 0), tabular.environment = "longtable")

## Warning in print.xtable(tablica, hline.after = c(-1, 0), tabular.environment
= "longtable"): Attempt to use "longtable" with floating = TRUE. Changing
to FALSE.
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	Ana- lysi- sID	Year	ArticleName
140	A1	1980	Robinson SS, Soffa ML. An instructional aid for student programs. ACM SIGCSE Bulletin. New York, NY, USA: ACM; 1980. p. 11829.
141	A2	1981	Donaldson JL, Lancaster A-M, Sposato PH. A plagiarism detection system. ACM SIGCSE Bull. New York, NY, USA: ACM; 1981 Feb 1;13(1):215.
142	A3	1981	Grier S. A Tool That Detects Plagiarism in Pascal Programs. Proceedings of the Twelfth SIGCSE Technical Symposium on Computer Science Education. New York, NY, USA: ACM; 1981. p. 1520.
143	A4	1987	Faidhi JAW, Robinson SK. An empirical approach for detecting program similarity and plagiarism within a university programming environment. Comput Educ. 1987;11(1):119.
144	A5	1988	Hamblen J, Parker A, Wachtel S. A new undergraduate computer arithmetic software laboratory. Educ IEEE Trans. 1988;31(3):17780.
145	A6	1988	Jankowitz HT. DETECTING PLAGIARISM IN STUDENT PASCAL PROGRAMS. Comput J. 1988;31(1):18.
146	A7	1989	Parker A, Hamblen JO. Computer algorithms for plagiarism detection. IEEE Trans Educ. 1992;v(n):949.
147	A8	1990	RAMBALLY GK, LESAGE M. AN INDUCTIVE INFERENCE APPROACH TO PLAGIARISM DETECTION IN COMPUTER-PROGRAMS. In: ELLIS E, editor. PROCEEDINGS - NATIONAL EDUCATIONAL COMPUTING CONFERENCE 1990. EUGENE: INT SOC TECHNOLOGY EDUCATION; 1990. p. 239.
148	A9	1990	Whale G. Identification of program similarity in large populations. Comput J. 1990;33(2):1406.
149	A10	1990	Whale G. Software metrics and plagiarism detection. J Syst Softw. 1990;13(2):1318.
150	A11	1992	Wise MJ. Detection of similarities in student programs: YAPing may be preferable to Plagueing. In: Anon, editor. SIGCSE Bulletin (Association for Computing Machinery, Special Interest Group on Computer Science Education). Kansas City, MO, USA: Publ by ACM, Fort Collins, CO, United States; 1992. p. 26871.
151	A12	1995	Traxler J. Plagiarism in Programming: A Review and Discussion of the Factors. Proceedings of the Second International Conference on Software Engineering in Higher Education II. Billerica, MA, USA: Computational Mechanics, Inc.; 1996. p. 1318.

152	A13	1996	Verco KL, Wise MJ. Plagiarism a la mode: A comparison of automated systems for detecting suspected plagiarism. <i>Comput J.</i> 1996;39(9):74950.
153	A14	1996	Wise MJ. YAP3: improved detection of similarities in computer program and other texts. <i>Proceedings of the twenty-seventh SIGCSE technical symposium on Computer science education - SIGCSE 96.</i> New York, New York, USA: ACM Press; 1996. p. 1304.
154	A15	1998	Novak MM. Correlations in computer programs. <i>Fractals.</i> School of Physics, Kingston University, Surrey KT1 2EE, United Kingdom; 1998;6(2):1318.
155	A16	1999	Bowyer KW, Hall LO. Experience using MOSS to detect cheating on programming assignments. <i>Frontiers in Education Conference, 1999 FIE 99 29th Annual.</i> 1999. p. 13B3/18-13B3/22 vol.3.
156	A17	1999	Gitchell D, Tran N. Sim: A utility for detecting similarity in computer programs. <i>SIGCSE Bulletin.</i> 1999. p. 26670.
157	A18	1999	Joy M, Luck M. Plagiarism in programming assignments. <i>IEEE Trans Educ.</i> 1999 May;42(2):12933.
158	A19	2000	Kar DC. Detection of Plagiarism in Computer Programming Assignments. <i>J Comput Sci Coll. USA: Consortium for Computing Sciences in Colleges;</i> 2000;15(3):26676.
159	A20	2001	Jones EL. Metrics Based Plagiarism Monitoring. <i>J Comput Sci Coll. USA: Consortium for Computing Sciences in Colleges;</i> 2001;16(4):25361.
160	A21	2002	Ghosh M, Verma B, Nguyen A. An Automatic Assessment Marking And Plagiarism Detection. <i>Proceedings of the First International Conference on Information Technology and Applications (ICITA 2002).</i> Bathurst; 2002. p. 48994.
161	A22	2002	Prechelt L., Malpohl G., Philippsen M. Finding plagiarisms among a set of programs with JPlag. <i>J Univers Comput Sci.</i> 2002;8(11):101638.
162	A23	2004	Chen X, Francia B, Li M, McKinnon B, Seker A. Shared information and program plagiarism detection. <i>Inf Theory, IEEE Trans.</i> Piscataway, NJ, USA: IEEE Press; 2004;50(7):154551.
163	A24	2004	Johnson MC, Watson C, Davidson S, Eschbach D. Gene sequence inspired design plagiarism screening. <i>ASEE 2004 Annual Conference and Exposition, Engineering Researchs New Heights.</i> Purdue University, United States; 2004. p. 6087105.
164	A25	2005	Daly C, Horgan J. A technique for detecting plagiarism in computer code. <i>Comput J.</i> 2005;48(6):6626.
165	A26	2005	Jonyer I, Apiratikul P, Thomas J. Source code fingerprinting using graph grammar induction. In: I. R, Z. M, editors. <i>Recent Advances in Artificial Intelligence - Eighteenth International Florida Artificial Intelligence Research Society Conference, FLAIRS 2005.</i> Oklahoma State University, Department of Computer Science, 700 N Greenwood Ave, Tulsa, OK 74106, United States; 2005. p. 46873.
166	A27	2005	Kim Y-C, Choi J. A program plagiarism evaluation system. In: Gervasi O. Gavrilova M.L. <i>KVLALHPMYTDTTCJK</i> , editor. <i>Lecture Notes in Computer Science.</i> 2005. p. 109.

167	A28	2005	Lancaster T, Tetlow M. Does automated anti-plagiarism have to be complex? evaluating more appropriate software metrics for finding collusion. 22nd Annual conference of the Australian Society for Computers in Tertiary Education, ASCILITE 2005. Department of Computing, University of Central England, Birmingham, B42 2SU, United Kingdom; 2005. p. 36170.
168	A29	2005	Moussiades L, Vakali A. PDetect: A clustering approach for detecting plagiarism in source code datasets. Comput J. Division of Computing Systems, Department of Industrial Informatics, Technological Educational Institute of Kavala, GR-65404 Kavala, Greece; 2005;48(6):65161.
169	A30	2005	Mozgovoy M, Fredriksson K, White D, Joy M, Sutinen E. Fast Plagiarism Detection System. Lecture Notes in Computer Science. Berlin, Heidelberg: Springer-Verlag; 2005. p. 26770.
170	A31	2006	Ahtiainen A, Surakka S, Rahikainen M. Plaggie: GNU-licensed source code plagiarism detection engine for Java exercises. 6th Baltic Sea Conference on Computing Education Research - Koli Calling 2006. Helsinki University of Technology, P.O.Box 5400, FI-02015 HUT, Finland; 2006. p. 1412.
171	A32	2006	Arwin C, Tahaghoghi SMM. Plagiarism detection across programming languages. 29th Australasian Computer Science Conference, ACSC 2006. School of Computer Science and Information Technology, RMIT University, GPO Box 2476V, Melbourne 3001, Australia; 2006. p. 27786.
172	A33	2006	Mann S, Frew Z. Similarity and originality in code: Plagiarism and normal variation in student assignments. Conferences in Research and Practice in Information Technology Series. Hobart, TAS; 2006. p. 14350.
173	A34	2006	Marais E, Minnaar U, Argles D. Plagiarism in e-Learning Systems: Identifying and Solving the Problem for Practical Assignments. Advanced Learning Technologies, 2006 Sixth International Conference on. 2006. p. 8224.
174	A35	2006	Mozgovoy M. Desktop tools for offline plagiarism detection in computer programs. Informatics Educ. 2006;5(1):97112.
175	A36	2006	Roxas RE, Lim NR, Bautista N. Automatic Generation of Plagiarism Detection Among Student Programs. Information Technology Based Higher Education and Training, 2006 ITHET 06 7th International Conference on. 2006. p. 22635.
176	A37	2007	Burrows S, Tahaghoghi SMM, Zobel J. Efficient plagiarism detection for large code repositories. Softw Pract Exp. 2007 Feb;37(2):15175.
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178	A39	2008	Ciesielski V, Wu N, Tahaghoghi S. Evolving similarity functions for code plagiarism detection. 10th Annual Genetic and Evolutionary Computation Conference, GECCO 2008. School of CS and IT, RMIT University, PO Box 2476V, Melbourne, VIC 3078, Australia; 2008. p. 145360.
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180	A41	2008	Freire M. Visualizing program similarity in the AC plagiarism detection system. Proceedings of the Workshop on Advanced Visual Interfaces AVI. Naples; 2008. p. 4047.
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182	A43	2008	Ji J-H, Park S-H, Woo G, Cho H-G. Generating pylogenetic tree of homogeneous source code in a plagiarism detection system. Int J Control Autom Syst. Graduate School of Computer Engineering, Pusan National University, Jangjeon-gu, Geumjeong-dong, Pusan 609-735, South Korea; 2008;6(6):80917.
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185	A46	2008	Rosales F, Garcia A, Rodriguez S, Pedraza JL, Mendez R, Nieto MM. Detection of Plagiarism in Programming Assignments. Educ IEEE Trans. 2008;51(2):17483.
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189	A50	2009	Kustanto C, Liem I. Automatic source code plagiarism detection. 10th ACIS Conference on Software Engineering, Artificial Intelligence, Networking and Parallel/Distributed Computing, SNPD 2009, In conjunction with IWEA 2009 and WEACR 2009. School of Electrical Engineering and Informatics, Institut Teknologi Bandung, Bandung, Indonesia; 2009. p. 4816.
190	A51	2009	Lukcsy G, Szeredi P. Plagiarism detection in source programs using structural similarities. Acta Cybern. Budapest University of Technology and Economics (BUTE), Department of Computer Science and Information Theory, Magyar tudsok krtja 2., 1117 Budapest, Hungary; 2009;19(1):191216.
191	A52	2009	Sraka D, Kaui B. Source code plagiarism. ITI 2009 31st International Conference on Information Technology Interfaces, ITI 2009. Faculty of Education, Kardeljeva pl. 16, 1000 Ljubljana; 2009. p. 4616.

192	A53	2009	Vogts D. Plagiarising of source code by novice programmers a cry for help? Annual Research Conference of the South African Institute of Computer Scientists and Information Technologists, SAICSIT 2009. Nelson Mandela Metropolitan University, P.O. Box 77000, Port Elizabeth, 6031, South Africa; 2009. p. 1419.
193	A54	2009	Xiong H, Yan H, Li Z, Li H. BUAA-AntiPlagiarism: A system to detect plagiarism for C source code. 2009 International Conference on Computational Intelligence and Software Engineering, CiSE 2009. School of Computer Science and Engineering, Beihang University, Beijing, China; 2009.
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196	A57	2010	Chen R, Hong L, L C, Deng W. Author identification of software source code with program dependence graphs. 34th Annual IEEE International Computer Software and Applications Conference Workshops, COMPSACW 2010. School of Information Science and Technology, Dalian Maritime University, Dalian 116026, China; 2010. p. 2816.
197	A58	2010	Chud D, Kovov B. Checking plagiarism in e-learning. 11th International Conference on Computer Systems and Technologies, CompSysTech10. Institute of Informatics and Software Engineering, Faculty of Informatics and Information Technology, Slovak University of Technology, Bratislava, Slovakia; 2010. p. 41924.
198	A59	2010	Chuda D, Navrat P. Support for checking plagiarism in e-learning. Procedia - Soc Behav Sci. 2010;2(2):31404.
199	A60	2010	El Bachir Menai M, Al-Hassoun NS. Similarity detection in Java programming assignments. 2010 5th International Conference on Computer Science & Education. Department of Computer Science, CCIS - King Saud University, P.O. Box 51178, Riyadh 11543, Saudi Arabia: IEEE; 2010. p. 35661.
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201	A62	2010	Kaui B, Sraka D, Ramsak M, Krana M. Observations on plagiarism in programming courses. 2nd International Conference on Computer Supported Education, CSEDU 2010. Department of Mathematics and Computer Science, Faculty of Education, University of Ljubljana, Kardeljeva Pload 16, Ljubljana, Slovenia; 2010. p. 1814.
202	A63	2010	Kuo JY, Huang FC. Code analyzer for an online course management system. J Syst Softw. Department of Computer Science and Information Engineering, National Taipei University of Technology, Taipei 106, Taiwan; 2010;83(12):247886.

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204	A65	2010	Li X, Zhong XJ. The source code plagiarism detection using AST. 2010 International Symposium on Intelligence Information Processing and Trusted Computing, IPTC 2010. School of Computer Science and Technology, SouthWest University for Nationalities, Chengdu 610041, China; 2010. p. 4068.
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206	A67	2010	Mei Z, DongSheng L. An XML plagiarism detection algorithm for Procedural Programming Languages. Educational and Information Technology (ICEIT), 2010 International Conference on. 2010. p. V3-427-V3-431.
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208	A69	2010	Oetsch J, Phrer J, Schwengerer M, Tompits H. The system Kato: Detecting cases of plagiarism for answer-set programs. Theory Pract Log Program. Technische Universitt Wien, Institut fr Informationssysteme 184/3, Favoritenstrae 9-11, A-1040 Vienna, Austria; 2010;10(46):75975.
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212	A73	2010	Yang S, Wang X, Shao C, Zhang P. Recognition on source codes similarity with weighted attributes eigenvector. 2010 International Conference on Intelligent Control and Information Processing, ICICIP 2010. Faculty of Information and Electrical Engineering, Dalian University of Technology, Dalian, 116024, China; 2010. p. 53943.
213	A74	2011	Chen G, Zhang Y, Wang X. Analysis on Identification Technologies of Program Code Similarity. Information Technology, Computer Engineering and Management Sciences (ICM), 2011 International Conference on. 2011. p. 18891.

214	A75	2011	Hage J, Rademaker P, van Vugt N. Plagiarism Detection for Java: A Tool Comparison. Computer Science Education Research Conference. Open Univ., Heerlen, The Netherlands, The Netherlands: Open Universiteit, Heerlen; 2011. p. 3346.
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```
#df <- data.frame(name = c("A","B"), right = c(1.4, 34.6), left = c(1.4, 34.6), text = c("t", "t"))
#print(xtable(df, align = c("l", "|c", "|R{3cm}", "|L{3cm}", "|p{3cm}|"), floating = FALSE))
#
kable(apya$articlesInDatabaseCombination(mydata.filtered,c("Scopus","WOS","IEEE")))
```

AnalysisID	Year	SolarCitationSum	Scopus	WOS	IEEE
A23	2004	259	1	1	1
A18	1999	198	1	1	1
A40	2008	62	1	1	1
A87	2012	60	1	1	1
A46	2008	46	1	1	1
A86	2012	38	1	1	1
A47	2009	21	1	1	1
A50	2009	18	1	1	1
A76	2011	15	1	1	1
A38	2007	13	1	1	1
A52	2009	8	1	1	1
A94	2012	8	1	1	1
A85	2012	7	1	1	1
A106	2013	7	1	1	1
A108	2013	6	1	1	1
A44	2008	5	1	1	1
A71	2010	5	1	1	1
A92	2012	5	1	1	1
A49	2009	4	1	1	1
A101	2013	4	1	1	1
A112	2013	4	1	1	1
A91	2012	3	1	1	1
A118	2014	3	1	1	1
A113	2013	2	1	1	1
A117	2014	2	1	1	1
A83	2012	1	1	1	1
A121	2014	0	1	1	1
A128	2015	0	1	1	1