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Communications of the ACM, vol.17 (1974), 12, p. 667-673

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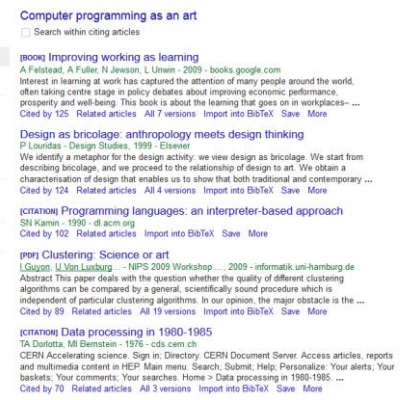

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2. Batagelo, H.C., Wu Shin Ting, "Application-independent accurate mouse placements on surfaces of arbitrary geometry", *Computer Graphics and Image Processing, 2007. SIBGRAPI 2007. XX Brazilian Symposium on*, On page(s): 19 - 26, Volume: Issue: , 7-10 Oct. 2007
   Abstract |Full Text: PDF (1400KB)
3. Shi-Kuo Chang, "Visual Languages: A Tutorial and Survey", *Software, IEEE*, On page(s): 29 - 39, Volume: 4 Issue: 1, Jan. 1987
   Abstract |Full Text: PDF (6001KB)
4. Erwig, M., Abraham, R., "Understanding and Building Spreadsheet Tools", *Visual Languages and Human-Centric Computing, 2007. VL/HCC 2007. IEEE Symposium on*, On page(s): 7 - 7, Volume: Issue: , 23-27 Sept. 2007
   Abstract |Full Text: PDF (145KB)
5. Jacob, R.J.K., "A State Transition Diagram Language for Visual Programming", *Computer*, On page(s): 51 - 59, Volume: 18 Issue: 8, Aug. 1985

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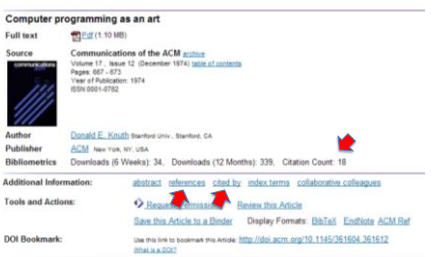
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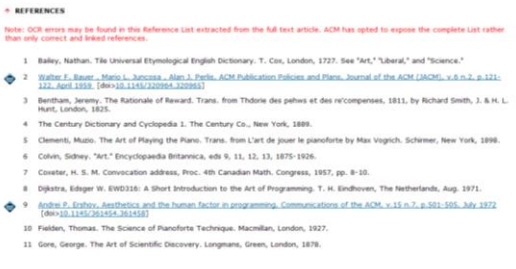

REFERENCES

Note: OCR errors may be found in this Reference List extracted from the full text article. ACM has opted to expose the complete List rather than only correct and linked references.

1 Bailey, Nathan. Tle Universal Etymological English Dictionary. T. Cox, London, 1727. See "Art," "Liberal," and "Science."

2 Walter F. Bauer , Mario L. Juncosa , Alan J. Perlis. ACM Publication Policies and Plans. Journal of the ACM (JACM), v.6 n.2, p.121-122, April 1959 [doi>10.1145/320964.320965]

3 Bentham, Jeremy. The Rationale of Reward. Trans. from Thdorie des pehws et des re'compenses, 1811, by Richard Smith, J. & H. L. Hunt, London, 1825.

4 The Century Dictionary and Cyclopedia 1. The Century Co., New York, 1889.

5 Clementi, Muzio. The Art of Playing the Piano. Trans. from L'art de jouer le pianoforte by Max Vogrich. Schirmer, New York, 1898.

6 Colvin, Sidney. "Art." Encyclopaedia Britannica, eds 9, 11, 12, 13, 1875-1926.

7 Covatar, H. S. M. Convocation address, Proc. 4th Canadian Math. Congress, 1957, pp. 8-10.

8 Dijkstra, Edsger W. EWD316: A Short Introduction to the Art of Programming. T. H. Eindhoven, The Netherlands, Aug. 1971.

9 Andrei P. Ershov. Aesthetics and the human factor in programming. Communications of the ACM, v.15 n.7, p.501-505, July 1972 [doi>10.1145/361454.361458]

10 Fielden, Thomas. The Science of Pianoforte Technique. Macmillan, London, 1927.

11 Gore, George. The Art of Scientific Discovery. Longmans, Green, London, 1878.

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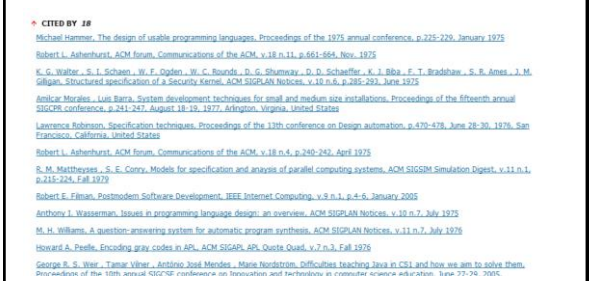

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Michael Hammer. The design of usable programming languages. Proceedings of the 1975 annual conference, p.225-229, January 1975

Robert L. Ashenhurst. ACM forum. Communications of the ACM, v.18 n.11, p.661-664, Nov. 1975

K. G. Walter , S. I. Schaen , W. F. Ogden , W. C. Rounds , D. G. Shumway , D. D. Schaeffer , K. J. Biba , F. T. Bradshaw , S. B. Ames , J. M. Gilligan. Structured specification of a Security Kernel. ACM SIGPLAN Notices, v.10 n.6, p.285-293, June 1975

Amilcar Morales , Luis Barra. System development techniques for small and medium size installations. Proceedings of the fifteenth annual SIGCPR conference, p.241-247, August 18-19, 1977, Arlington, Virginia, United States

Lawrence Robinson. Specification techniques. Proceedings of the 13th conference on Design automation, p.470-478, June 28-30, 1976, San Francisco, California, United States

Robert L. Ashenhurst. ACM forum. Communications of the ACM, v.18 n.4, p.240-242, April 1975

R. M. Matthewyes , S. E. Conry. Models for specification and anaysis of parallel computing systems. ACM SIGSIM Simulation Digest, v.11 n.1, p.215-224, Fall 1979

Robert E. Filman. Postmodern Software Development. IEEE Internet Computing, v.9 n.1, p.4-6, January 2005

Anthony I. Wasserman. Issues in programming language design: an overview. ACM SIGPLAN Notices, v.10 n.7, July 1975

M. H. Williams. A question-answering system for automatic program synthesis. ACM SIGPLAN Notices, v.11 n.7, July 1976

Howard A. Peelle. Encoding gray codes in APL. ACM SIGAPL APL Quote Quad, v.7 n.3, Fall 1976

George R. S. Weir , Tamar Vilner , António José Mendes , Marie Nordström. Difficulties teaching Java in CS1 and how we aim to solve them. Proceedings of the 10th annual SIGCSE conference on Innovation and technology in computer science education, June 27-29, 2005

Citation databases

- Web of Science (WoS)
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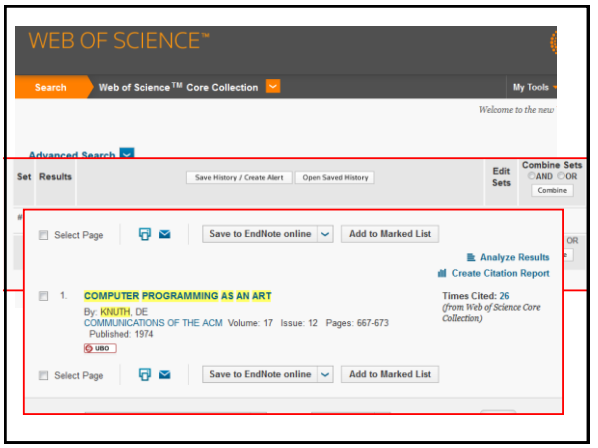

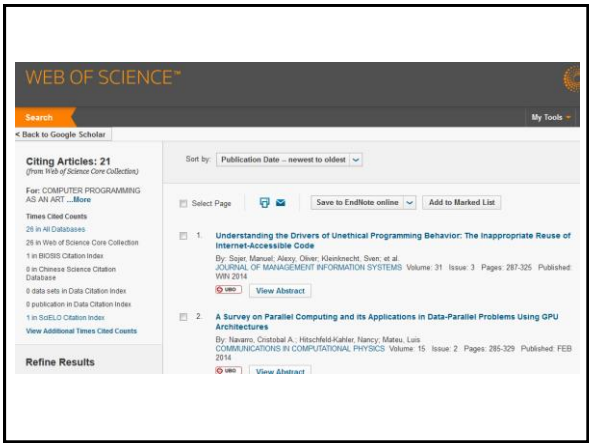
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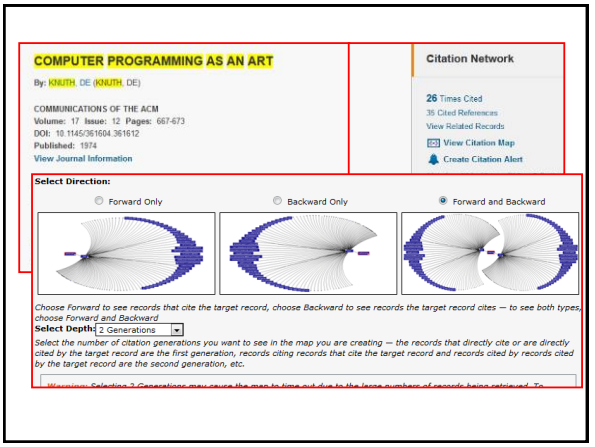
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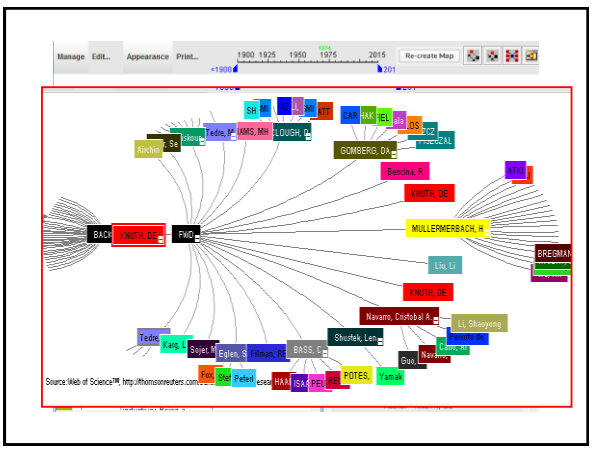
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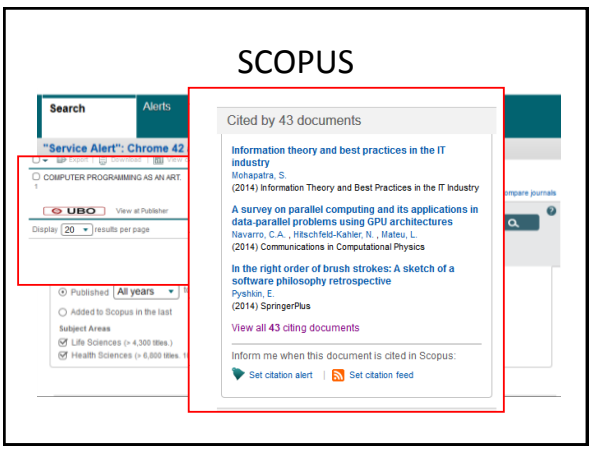
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Information theory and best practices in the IT industry
Mohapatra, S.
(2014) Information Theory and Best Practices in the IT Industry
A survey on parallel computing and its applications in data-parallel problems using GPU architectures
Navarro, C.A. , Hitschfeld-Kahler, N. , Mateu, L.
(2014) Communications in Computational Physics
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(2014) SpringerPlus
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