A Complete Bibliography of the ACM Transactions on Computing Education (TOCE)

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Title word cross-reference

12 [GES14, HAGM14, HAG15b, TM14].

Abstraction [SSD09]. Academies [DLM11]. Accessibility [PLB+12].
Algorithmic [Kie09]. Algorithms [VI13]. Alice [Coo10, UCK+10]. Alleviate [KV15].

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Computer
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BAR14, BBG12, BWE11, BSCH14, BCD10,
GES14, GM14, GM11, HB15, Hub12,
HAGM14, HAG15b, KS14, KFME11,
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REFERENCES

[SKM13, TSK12, UFVI09].


References


REFERENCES


[BBG12] Klara Benda, Amy Bruckman, and Mark Guzdial. When life

**Benkrid:2012:DHD**


**Beck:2013:CLI**


**Bruce:2010:HLA**


**Buchanan:2014:CSB**


**Bellettini:2014:IEI**


**Bruce-Lockhart:2009:ATG**


**Borstler:2011:QEI**

REFERENCES


Carro:2013:MDA


Cross:2009:RGD


Caspersen:2009:SFP


Cooper:2010:DA


dAmore:2010:SOV


Dahlberg:2011:SAV


Doerschuk:2011:IHS


Eglash:2011:FSA


Exter:2012:EEP

REFERENCES


Grissom:2013:ISI

[102x681]REFERENCES
[0x0]


Hundhausen:2013:TAC


Hubwieser:2013:MRM


Hubwieser:2015:HIR


Hu:2013:UPH


Herman:2012:DWW


Hassner:2015:TCV


Hubwieser:2012:CSE

REFERENCES

November 2012. CODEN ????
ISSN 1946-6226.

Ip:2012:FNI


Isomottonen:2013:TPE


Karavirta:2009:SMH


Kim:2011:EWC


Kiesmuller:2009:DLP


Koulouri:2015:TIP


Kafai:2014:COA


Knobelsdorf:2015:CSE

Maria Knobelsdorf, Johannes Magenheim, Torsten Brinda, Dieter Engbring, Ludger Humbert, Arno Pasternak, Ulrik Schroeder, Marco Thomas, and Jan Vahrenhold. Computer sci-

**Kolling:2010:GPE**


**Khenner:2014:SSI**


**Kurhila:2015:PMA**


**Liberman:2011:DLI**


**Lee:2013:CPI**


**Ludi:2011:URP**


**Luse:2014:USE**


**Lukowiak:2014:CEB**

REFERENCES


ISSN 1946-6226.

Mariani:2012:AAD


Maloney:2010:SPL


Miller:2011:WP


Meerbaum–Salant:2010:ACM


Ngai:2013:DI


Nikula:2011:MG


O'Grady:2012:PPB


Ocker:2009:TSW

REFERENCES

Paterson:2009:PPS


Park:2015:AHC


Poor:2012:NUL


Pears:2009:VOC


Rheingans:2011:RMG


Renaud:2013:THC


Rosson:2011:OUT


Richards:2009:DPB


Ritzhaupt:2009:CGD

[Albert D. Ritzhaupt. Creating a game development course with
REFERENCES


REFERENCES


<table>
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REFERENCES

[27:1–27:??, February 2015. CODEN ???? ISSN 1946-6226.]

Yuan:2010:VTT

[218x598]


Zhang:2015:IEF


Zimmerman:2011:WLH


Ziwisky:2013:EEO