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S + T + M = E [1723].

17th-century [25]. 18th [640, 221, 527, 648, 682, 646, 605, 647].
18th-century [640]. 19
[1792, 1838, 1856, 1839, 1805, 1779, 1850, 1730, 1828, 1768]. 1930 [1266].
[1392, 598, 602, 605, 689, 642, 380]. 19th-Century [380].

[524, 1492]. 25th [882]. 262-03394-7 [1554].
Biologicus [1008]. Biologist [1664]. Biologists [204]. Biology
[1715, 1433, 1019, 1706, 1255, 746, 1422, 1839, 1029, 859, 1016, 1022,
1033, 1249, 1028, 248, 1358, 945, 1389, 979, 740, 1406, 769, 587, 1021,
1017, 1588, 1704, 1748, 1747, 1707, 946, 1144, 1557, 1038, 858, 1034, 845].

Biomedical [952]. Biometricians [1306]. Biot [969]. Bird [1246, 1064].


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[919, 918, 885, 1299, 119, 135, 143, 1320, 7, 18, 26, 43, 52, 61, 68, 77, 86, 93,
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[1061, 557, 627, 57]. Caldwell [123]. California [570]. Call [1494, 1007, 78].
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31, 701]. Quarantine [239]. Quarks [1551]. Quebec [1064]. Quest
[1340]. R [1347, 838, 1344, 1155, 1038, 705]. R. [1091]. Race
[518]. Randomness [1041]. Randy [977]. Raphael [979]. rapprochement
[1506, 1632]. Rationality [1593, 1254, 65]. Ray [910, 1206]. Re
[1169, 1709, 911, 1755, 605, 1155]. Re-Appraisal [911]. Re-appropriation
[1755]. Re-discovering [1305]. Re-examining [1169, 1709]. Reach
[1306, 932]. Reaching [1535]. Read [1634]. Read-Alouds [1634]. Reader
[1086]. Reading [1081, 456, 1103]. Real [486, 482]. Realism
[476, 1014, 1072, 703, 1003, 950, 481, 597, 1569]. Realist [374, 292]. Reality
[1788, 1216, 1338, 1594, 455, 529]. Really
[1083, 703, 1651, 1654, 739, 939, 1533]. Reappraising [505]. Reason
[1793, 905, 1734, 73]. Reasonable [728]. Reasoning
[1672, 711, 802, 1799, 1526, 1195, 693, 1839, 1642, 1077, 637, 834, 1647, 850,
[1388, 1373]. Reconciliation [971]. Reconciling [1190]. Reconsideration
[1234]. Reconsidered [1581]. Reconstructing [656, 772]. reconstructed
[33]. Reconstructing [922, 893, 420, 1025]. Reconstruction
[1304]. Reducing [1550]. Reduction [1019, 572, 345]. Refer
[563]. Reference [1352, 914]. Referents [89]. Refined [1637]. Reflect
[1769]. Reflected [598, 1206]. Reflecting [1800, 1667]. Reflection
[1685, 1835]. Reflections [510, 785, 1145, 1810, 1343, 931, 326, 262, 186, 190]. Reflective
[1470, 856, 695, 1407, 773]. Reflexive [1436, 1008, 1403]. Reform
[1795, 1106, 450]. Reforming [758, 759]. Reforms [648]. Refraction
[235]. Regulated [1349]. Regulatory [1029]. Reich [1052]. Reintroducing
[1804]. Reinvention [1566]. Reisch [753]. Reiss [904]. Rejection
[824]. Rejoinder [542, 1318]. Relatedness [1042]. Related
[912, 792, 1757, 405, 1685, 1835]. Relatedness [1042]. Relating [1176, 152]. Relation
[985, 1424, 1737, 805, 781]. Relational [1517, 1399]. Relations
Structuring [553]. Struggles [1238]. STS [1082, 952, 1202, 701, 1393]. STSE [725]. Student
[1672, 213, 718, 1736, 1520, 1602, 1369, 1617, 1799, 245, 901, 1262, 714, 1402, 1837, 434, 1457, 1861, 1752, 469, 1131, 1384, 378, 405, 1668, 1774, 1353].

Student-Centered [430]. Students [1621, 1695, 1711, 1698, 1663, 1458, 766, 428, 1366, 436, 1636, 419, 258, 1041, 497, 798, 1505, 1558, 393, 1174, 1625, 1231, 1760, 875, 1183, 1182, 908, 1243, 966, 1757, 1049, 89, 1757, 1049, 817, 312, 1588, 1550, 1100, 199, 690, 83, 80, 722].


X [466]. Xenotransplantation [834]. XVII [624]. XVIII [624, 1461].


Z [1159]. Zealand [517]. Zoltán [165, 242].
References


REFERENCES


REFERENCES


REFERENCES


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REFERENCES


Allchin:1995:BN


Anonymous:1995:Nb


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Nersessian:1995:SPP


Heffron:1995:KMW


Mcnamara:1995:SLR


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REFERENCES


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Allchin:1995:BR


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Krugly-Smolska:1996:SCM


Jenkins:1996:BSF


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Bevilacqua:1996:HPE


Stinner:1996:PCB


Holmberg:1996:DDO


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Sakkopoulos:1996:EFA


Kovacs:1996:GEO


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REFERENCES


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Roth:1997:ESS


Meyling:1997:HCS


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Nola:1997:BR


Matthews:1997:BN


Anonymous:1997:Ca


Smith:1997:SDM

Allchin:1997:RPC


DeBerg:1997:DCW


Good:1997:BR


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Chambers:1999:SWG


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Anonymous:1999:Cf


Anonymous:2000:E


Kuhn:2000:LP


Fuller:2000:CES


Brush:2000:TKH

REFERENCES


REFERENCES


Jacobs:2000:MPE


Anonymous:2000:BNb


Anonymous:2000:Cb


Riess:2000:E


Riess:2000:PGS


Misgeld:2000:HGA


Ho-Ttecke:2000:HWC


REFERENCES

ISSN 0926-7220 (print), 1573-1901 (electronic). URL https://ui.adsabs.harvard.edu/#abs/2000Sc&Ed...9..459B.


REFERENCES


REFERENCES


REFERENCES


[384] José Claudio Reis, Andreia Guerra, Marco Braga, and Jairo Freitas. History, science and culture: Curricular experiences in Brazil. Science
REFERENCES

*Binnie:2001:UHE*


*Binnie:2001:UHE*


*Binnie:2001:UHE*


*Binnie:2001:UHE*


*Binnie:2001:UHE*


*Binnie:2001:UHE*


*Binnie:2001:UHE*

REFERENCES

Lattery:2001:TEP


Keranto:2001:PCS


Gonzalez:2001:WEN


Gvirtz:2001:NSS


Randnai:2001:HDL


Rutherford:2001:FHS


Erduran:2001:PCE

REFERENCES


Hsingchi A. Wang and David D. Marsh. Science instruction with a humanistic twist: Teachers’ perception and practice in using the history of


[420] Olivia Levini. Reconstructing the basic concepts of general relativity from an educational and cultural point of view. *Science & Education*
Cotignola:2002:DLT  

Barker:2002:PTA  

Hirvonen:2002:PST  

Anonymous:2002:Cc  

Heilbron:2002:HSE  

Leite:2002:HSS  

Bailin:2002:CTS  


REFERENCES


REFERENCES

RagoutDeLozano:2002:SLP


Levrini:2002:SVS


Anonymous:2002:Cf


Anonymous:2002:CV


Ford:2003:RMH


Izquierdo-Aymerich:2003:EFS


Galili:2003:NFL


REFERENCES


REFERENCES


DeBerg:2003:DTE


Ellis:2003:BAN


Anonymous:2003:Cd


Matthews:2003:MBP


Bunge:2003:TFC


Pauri:2003:DAP


Forge:2003:SBV


Levy-Leblond:2003:NQ

Cordero:2003:UQP


Heathcote:2003:QHR


Cini:2003:HRQ


Greca:2003:DEC


Pospiech:2003:PQM


Freire:2003:SEQ


Bunge:2003:QQB


Anonymous:2003:Ce

REFERENCES


REFERENCES

Hofmann:2003:FEI


Kalman:2003:CAC


Grandy:2003:WMW


Holton:2003:PPC


Niaz:2003:CDC


Anonymous:2003:Cg


Anonymous:2003:CV

REFERENCES


REFERENCES


[517] Lone Morris Jorgensen and Sue Ann Ryan. Relativism, values and morals in the New Zealand Curriculum Framework. *Science & Edu-
REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Mihas:2005:HAT


Dedes:2005:MVC


Maniati:2005:EUE


Kindi:2005:SST


Rentzos:2005:ITC


Patsopoulos:2005:RCE

REFERENCES


REFERENCES

304, March 2006. CODEN SCEDE9. ISSN 0926-7220 (print), 1573-1901 (electronic).


REFERENCES


[641] José Ramón Bertomeu Sánchez and Antonio García Belmar. Pedro Gutiérrez Bueno’s textbooks: Audiences, teaching practices and chemical


[648] Irina Gouzevitch. The editorial policy as a mirror of Petrine reforms: Textbooks and their translators in early 18th century Russia. *Science
Olesko:2006:SPC


Howe:2007:USC


Rowlands:2007:CCT


Domenech:2007:TEI


Arriassecq:2007:ATS


Venkateswaran:2007:SCC

REFERENCES


[662] Terhi Mäntylä and Ismo T. Koponen. Understanding the role of measurements in creating physical quantities: A case study of learning to


REFERENCES


REFERENCES


REFERENCES


[710] Christopher Ayala, Steven Borawski, and Jonathon Miller. Replication and pedagogy in the history of psychology V: The metronome and Wilhelm Wundt’s search for the components of consciousness. *Science & Ed-
Athy:2008:RPH


Ranney:2008:SHR


Davson-Galle:2008:WCS


Cavicchi:2008:HES


Mihas:2008:DIR


Lattery:2008:LDM


Zeidler:2008:SEI

REFERENCES


REFERENCES


REFERENCES


[753] David J. Stump. Pragmatism, activism, and the icy slopes of logic in George Reisch’s portrait of the philosophy of science as a Young field.
REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Lindeman:2011:CKC


Pigliucci:2011:WMI


Losh:2011:CCP


Turgut:2011:CDN


Eder:2011:RBP


Good:2011:BRL

REFERENCES


REFERENCES


[901] Saouma BouJaoude, Jason R. Wiles, Anila Asghar, and Brian Alters. Muslim Egyptian and Lebanese students’ conceptions of biological evo-
REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


[961] Elder Sales Teixeira, Ileana Maria Greca, and Olival Freire Jr. The history and philosophy of science in physics teaching: A research synthesis

Santilli:2012:STA


Faria:2012:DCB


Arriassecq:2012:TLS


Develaki:2012:ISM


Peters:2012:DCK


Richards:2012:UKA

REFERENCES


Kampourakis:2012:BRE


Farber:2012:BRR


Wiles:2012:BRR


Peterson:2012:BRM


Muller-Wille:2012:BRR


Jung:2012:PSE


Besson:2012:HCL


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Assis:2013:BRK

Simonneaux:2013:BRT

Siegel:2013:BRS

Turner:2013:BRK

Henry:2013:BRS

McCain:2013:BRR

Niaz:2013:BRK
REFERENCES


REFERENCES


[1079] Zhi Hong Wan, Siu Ling Wong, and Ying Zhan. When nature of science meets Marxism: Aspects of nature of science taught by Chinese science teacher educators to prospective science teachers. *Science & Education*


REFERENCES


REFERENCES


Kendig:2013:IHP


Tsaparlis:2013:SKN


Patronis:2013:EME


Legates:2013:LTC


Bedford:2013:ASC


deBerg:2013:BRN


REFERENCES


REFERENCES


REFERENCES


REFERENCES


[1176] Pratchayapong Yasri, Shagufta Arthur, Mike U. Smith, and Rebecca Maney. Relating science and religion: An ontology of taxonomies and


REFERENCES

Panagiotou:2014:VMC


Taani:2014:MPM


Povey:2014:WFU


Alpaslan:2014:PSM


Fenaroli:2014:RMC


Jankvist:2014:WHU


Cable:2014:MCH

REFERENCES


[1196] Jenny Donovan and Grady Venville. Blood and bones: The influence of the mass media on Australian primary school children’s understand-


REFERENCES


Gelfert:2014:OII


Terdimou:2014:OEA


Pantidos:2014:IPT


Guerra:2014:NRP


Sofronieva:2014:ESP


George:2014:CLE


Dach:2014:BRA

REFERENCES


Ha:2014:DDS


Lee:2014:ESS


Rhee:2014:DIS


Jho:2014:RSK


Isozaki:2014:ORR


Park:2014:SCN

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Lovheim:2014:SES

Jiang:2014:ANS

Asikainen:2014:PPS

Guo:2014:PST

Allen:2014:RN

Garik:2014:RBU

Holton:2014:NMT
REFERENCES

Rudge:2014:COV


Allchin:2014:SSS


Davson-Galle:2014:BRH


deBerg:2014:BRE


Kelly:2014:BRE


Smith:2014:BRP


Hadzigeorgiou:2014:RRS


REFERENCES


Campanile:2015:MGP


Anonymous:2015:AR


Janssen:2015:MPS


Hadzigeorgiou:2015:CSE


Stuckey:2015:PWL


Legates:2015:CCM


Taber:2015:BRB

Anderson:2015:BRP


Underwood:2015:BRG


Henke:2015:PTC


Garik:2015:TCH


Schiffer:2015:EVF


Tala:2015:NSC


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Leden:2015:TWT

Bagdonas:2015:ETA

Archila:2015:UHP

Ruse:2015:CTM

Minelli:2015:SPP

Kragh:2015:QD

Jimenez-Aleixandre:2015:RNS
REFERENCES


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Kampourakis:2016:NSS

Park:2016:ULP

Tumay:2016:ELD

Bryce:2016:MMG

Rosenhouse:2016:MAE

Galili:2016:CBS

Dagher:2016:RNS


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Koliopoulos:2016:TLE


Freire:2016:MCS


Pinheiro:2016:RMI


Kampourakis:2016:PP


Brigandt:2016:WDB


Chen:2016:EES


Sjostrom:2016:TER


REFERENCES


Andrade:2016:IEE

Moreno:2016:BM

Carver:2016:PHL

Ideland:2016:RHS

Heering:2016:EPT

Ariza:2016:MTC

Ferreira:2016:KBS
REFERENCES


REFERENCES


REFERENCES


REFERENCES


[1468] Ralph M. Barnes, Rebecca A. Church, and Samuel Draznin-Nagy. The nature of the arguments for Creationism, intelligent design, and evolu-
REFERENCES


Matthews:2017:PPE


Timberlake:2017:JKM


Hamlin:2017:YSM


vonLinsingen:2017:PLS


Kampourakis:2017:STU


Haglund:2017:GUL


Moreira-dos-Santos:2017:BKU


Xiao:2017:ABA

[1483] Sihan Xiao and William A. Sandoval. Associations between attitudes towards science and children’s evaluation of information about socio-


REFERENCES


REFERENCES


Spero:2017:DWT


Kalman:2017:RTT


Kampourakis:2017:VHS


Hansen:2017:RSI


Kokkonen:2017:MRC


Gasparatou:2017:SST


Grinell:2017:CET


Alpaslan:2017:HSP

[1520] Muhammet Mustafa Alpaslan, Bugrahan Yalvac, and Cathleen Loving. High school physics students’ personal epistemologies and school science


REFERENCES


REFERENCES

Boerwinkel:2017:RCD


Duncan:2017:STI


Haskel-Ittah:2017:TBM


Schmiemann:2017:AGU


Puig:2017:LGE


Gericke:2017:ERA


Larison:2018:TSP


Sezen-Barrie:2018:UPV


Wilson:2018:RPP


Arabatzis:2018:BRH


Harman:2018:BRP


Baravalle:2018:BRD

REFERENCES


REFERENCES


REFERENCES


REFERENCES


Kampourakis:2018:DDR

Kampourakis:2018:MCS

Kersting:2018:UCS

Lessl:2018:NEN

Olson:2018:INS

Tsybulsky:2018:CIT

Nylehn:2018:SCG
REFERENCES


REFERENCES


REFERENCES


REFERENCES


Fasce:2019:SV

Flynn:2019:UIF

Caiman:2019:RAP

Aduriz-Bravo:2019:TPS

Flodin:2019:BHG

Riley:2019:DRP


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Pierson:2019:SMP


Farris:2019:LIM


Sikorski:2019:CDU


Kampourakis:2019:F


Brock:2019:KSM


Fuselier:2019:DBC

[1664] Linda Fuselier, Justin McFadden, and Katherine Ray King. Do biologists’ conceptions of science as a social epistemology align with critical contextual empiricism? *Science & Education (Springer)*, 28(9–10):
Peters-Burton:2019:EUV


Park:2019:WMP


Lorsbach:2019:CCD


Williams:2019:EHS


Batista:2019:WTG


Rutt:2019:DPT

[1670] Alexis Rutt and Frackson Mumba. Developing preservice teachers’ understanding of and pedagogical content knowledge for history of science—
Jin:2019:HLP


Ageitos:2019:ERP


Smith:2019:MEE


Martinez:2019:OSP


Rowlands:2019:LRC


Ludwig:2019:EGP


Schulz:2019:SFU


Erduran:2020:EVS


He:2020:ICL


Milanovic:2020:AYO


Wiblom:2020:NAM

REFERENCES


REFERENCES


REFERENCES


REFERENCES


[1729] Dana Christensen and Doug Lombardi. Understanding biological evolution through computational thinking. Science & Education (Springer),


[1736] Zeynep Neslihan Alisir and Serhat Irez. The effect of replicating historical scientific apparatus on high school students’ attitudes towards

Fuertes-Prieto:2020:PST


Eren-Sisman:2020:STP


Jimenez-Liso:2020:CHW


Picon:2020:CPS


Landa:2020:SPS


Ha:2020:CDC

Lampert:2020:TNS


Reiss:2020:WIH


Bizzo:2020:BEC


Donovan:2020:GI


Willinsky:2020:CRH


Willinsky:2020:CCR


Donovan:2020:BHG

Tawa:2020:DSC


Hubbard:2020:UAP


Stuhlsatz:2020:ICS


Morin-Chasse:2020:BGP


Tornabene:2020:MBG


Levrini:2021:PST


Soysal:2021:TS


REFERENCES


Paton:2021:RMM


Kistler:2021:BRE


Erduran:2021:SEP


Erduran:2021:LRC


Pietrocola:2021:RSS


Saribas:2021:PST


Shi:2021:UET


Erduran:2021:REC


Fackler:2021:WSD


Hopkins:2021:NCS


Moura:2021:EPC


Mulvey:2021:MC

REFERENCES


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