

Glen S Aikenhead

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

4,097
citations

279798

23
h-index

330143

37
g-index

51
all docs

51
docs citations

51
times ranked

1349
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Science Education: Border Crossing into the Subculture of Science. <i>Studies in Science Education</i> , 1996, 27, 1-52. | 5.4 | 710 |
| 2 | Cross-cultural science education: A cognitive explanation of a cultural phenomenon. <i>Journal of Research in Science Teaching</i> , 1999, 36, 269-287. | 3.3 | 419 |
| 3 | Indigenous knowledge and science revisited. <i>Cultural Studies of Science Education</i> , 2007, 2, 539-620. | 1.3 | 302 |
| 4 | The Development of a New Instrument: "Views on Science"Technology"Society"™ (VOSTS). <i>Science Education</i> , 1992, 76, 477-491. | 3.0 | 293 |
| 5 | Students' Preconceptions about the Epistemology of Science. <i>Science Education</i> , 1992, 76, 559-580. | 3.0 | 281 |
| 6 | Toward a First Nations cross-cultural science and technology curriculum. <i>Science Education</i> , 1997, 81, 217-238. | 3.0 | 248 |
| 7 | Integrating Western and Aboriginal Sciences: Cross-Cultural Science Teaching. <i>Research in Science Education</i> , 2001, 31, 337-355. | 2.3 | 184 |
| 8 | The role of inquiry in science education: Analysis and recommendations. <i>Science Education</i> , 1981, 65, 33-50. | 3.0 | 178 |
| 9 | Students' ease in crossing cultural borders into school science. <i>Science Education</i> , 2001, 85, 180-188. | 3.0 | 161 |
| 10 | Collective decision making in the social context of science. <i>Science Education</i> , 1985, 69, 453-475. | 3.0 | 159 |
| 11 | Transcending Cultural Borders: implications for science teaching. <i>Research in Science and Technological Education</i> , 1999, 17, 45-66. | 2.5 | 134 |
| 12 | Cultural Aspects of Learning Science. , 1998, , 39-52. | | 118 |
| 13 | High-school graduates' beliefs about science-technology-society. I. methods and issues in monitoring student views. <i>Science Education</i> , 1987, 71, 145-161. | 3.0 | 107 |
| 14 | An Emerging Decolonizing Science Education in Canada. <i>Canadian Journal of Science, Mathematics and Technology Education</i> , 2010, 10, 321-338. | 1.0 | 97 |
| 15 | Curriculum change, student evaluation, and teacher practical knowledge. <i>Science Education</i> , 1992, 76, 493-506. | 3.0 | 94 |
| 16 | An analysis of four ways of assessing student beliefs about sts topics. <i>Journal of Research in Science Teaching</i> , 1988, 25, 607-629. | 3.3 | 93 |
| 17 | Cross-cultural science teaching: Rekindling traditions for aboriginal students. <i>Canadian Journal of Science, Mathematics and Technology Education</i> , 2002, 2, 287-304. | 1.0 | 60 |
| 18 | Towards decolonizing the pan-Canadian science framework. <i>Canadian Journal of Science, Mathematics and Technology Education</i> , 2006, 6, 387-399. | 1.0 | 48 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Science-based occupations and the science curriculum: Concepts of evidence. <i>Science Education</i> , 2005, 89, 242-275. | 3.0 | 47 |
| 20 | Introduction: Shifting perspectives from universalism to cross-culturalism. <i>Science Education</i> , 2001, 85, 3-5. | 3.0 | 44 |
| 21 | Indigenous Elementary Studentsâ€™ Science Instruction in Taiwan: Indigenous Knowledge and Western Science. <i>Research in Science Education</i> , 2012, 42, 1183-1199. | 2.3 | 41 |
| 22 | The integration of STS into science education. <i>Theory Into Practice</i> , 1992, 31, 27-35. | 1.6 | 34 |
| 23 | CHEMISTRY AND PHYSICS INSTRUCTION: INTEGRATION, IDEOLOGIES, AND CHOICES. <i>Chemistry Education Research and Practice</i> , 2003, 4, 115-130. | 2.5 | 34 |
| 24 | Student views on the influence of culture on science. <i>International Journal of Science Education</i> , 1997, 19, 419-428. | 1.9 | 29 |
| 25 | Decision-making theories as tools for interpreting student behavior during a scientific inquiry simulation. <i>Journal of Research in Science Teaching</i> , 1989, 26, 189-203. | 3.3 | 24 |
| 26 | Teacher decision making: The case of prairie high. <i>Journal of Research in Science Teaching</i> , 1984, 21, 167-186. | 3.3 | 23 |
| 27 | Comments on "Thinking differently about cultural diversity: Using postcolonial theory to (Re)read science education". <i>Science Education</i> , 2005, 89, 901-906. | 3.0 | 18 |
| 28 | Objectivity: the opiate of the academic?. <i>Cultural Studies of Science Education</i> , 2008, 3, 581-585. | 1.3 | 17 |
| 29 | Enhancing School Mathematics Culturally: A Path of Reconciliation. <i>Canadian Journal of Science, Mathematics and Technology Education</i> , 2017, 17, 73-140. | 1.0 | 16 |
| 30 | The educaâ€politics of curriculum development: A response to Peter Fensham's "time to change drivers for scientific literacy". <i>Canadian Journal of Science, Mathematics and Technology Education</i> , 2002, 2, 49-57. | 1.0 | 14 |
| 31 | Rethinking the "Western Tradition": a response to Enslin and Horsthemke. <i>Educational Philosophy and Theory</i> , 2017, 49, 31-37. | 1.8 | 10 |
| 32 | Towards a Cultural View on Quality Science Teaching. , 2011, , 107-127. | | 10 |
| 33 | Humanistic science education: The history of science and other relevant contexts. <i>Science Education</i> , 2022, 106, 490-504. | 3.0 | 10 |
| 34 | Resolving Conflicting Subcultures Within School Mathematics: Towards A Humanistic School Mathematics. <i>Canadian Journal of Science, Mathematics and Technology Education</i> , 2021, 21, 475-492. | 1.0 | 7 |
| 35 | School Science and Mathematics Storylines. <i>Canadian Journal of Science, Mathematics and Technology Education</i> , 2020, 20, 682-699. | 1.0 | 7 |
| 36 | Cross-cultural science education: A cognitive explanation of a cultural phenomenon. , 1999, 36, 269. | | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Course evaluation. I: A new methodology for test construction. Journal of Research in Science Teaching, 1974, 11, 17-22. | 3.3 | 4 |
| 38 | Logical Reasoning in Science and Technology:. Bulletin of Science, Technology and Society, 1992, 12, 149-159. | 2.9 | 4 |
| 39 | Cross-cultural science education: A cognitive explanation of a cultural phenomenon. Journal of Research in Science Teaching, 1999, 36, 269-287. | 3.3 | 4 |
| 40 | Indigenous Culture-Based School Mathematics in Action Part II: The Study's Results: What Support Do Teachers Need?. , 2021, 18, 119-138. | | 4 |
| 41 | Academic science, cultural intransigence, and devious educo-politics. Cultural Studies of Science Education, 2010, 5, 613-619. | 1.3 | 2 |
| 42 | Humanist Perspectives on Science Education. , 2015, , 467-471. | | 2 |
| 43 | Acculturation. , 2014, , 1-3. | | 1 |
| 44 | Issues and trends section's editorial policy statement. Science Education, 1994, 78, 221-221. | 3.0 | 0 |
| 45 | In memory of Cliff Malcolm. Cultural Studies of Science Education, 2008, 3, 623-624. | 1.3 | 0 |
| 46 | Humanist Perspectives on Science Education. , 2014, , 1-6. | | 0 |
| 47 | Acculturation. , 2015, , 7-9. | | 0 |
| 48 | Indigenous Perspectives in School Mathematics: From Intellect to Wisdom. Advances in Mathematics Education, 2018, , 39-49. | 0.2 | 0 |