# SciF◉
Your Trusted Source For Science News Reviews

## SciFeye Index v 0.0

## Article: Karen Uhlenbeck is first woman to win Abel prize for mathematics
## (New York Times)

If a section on the SciFeye Index is met by the news article, as deemed by our reviewers, an X will be placed in the column under their name. To obtain a score, all of the positive criteria (+1) and negative criteria (-1) are tallied and the sum is divided by the total number of criteria met.

| Score Out of 5: | |
|---|---|
| 0 | -1 to -0.68 |
| 1 | -0.67 to -0.34 |
| 2 | -0.33 to 0 |
| 3 | 0.01 to 0.33 |
| 4 | 0.34 to 0.67 |
| 5 | 0.68 to 1 |

| Score Received: | |
|---|---|
| Erik Weise | 0.52 |
| Tyler Mainguy | 0.59 |

## Accuracy

| Title | Rev 1 | Rev 2 |
|---|---|---|
| **1) Clickbait title?** | | |
| Title is not clickbait | X | X |
| Title contains a listicle | | |
| Title contains a cliffhanger | | |
| Title contains a curiosity gap | | |
| Title provokes emotions | | |
| Title challenges ego | | |
| Title defies convention | | |
| Title induces fear | | |
| | | |
| **2) Representativeness** | | |
| Title is representative of the article | X | X |
| Title is a different stance from research article | | |
| Title emphasizes a minor point from research article | | |
| Title contains little information regarding research article | | |
| Title overstates claims made in research article | | |
| Title understates claims made in research article | | |
| | | |
| **Objectiveness** | | |
| | | |
| **3) Personal Opinon** | | |
| Author's personal opinion is not mentioned or mentioned justifiably | X | X |
| Author's personal opinion is mentioned unjustifiably | | |
| | | |
| **4) Multiple Perspectives** | | |
| Multiple perspectives were provided | X | X |
| Multiple perspectives were not provided | | |
| Precedence given unjustifiably to a perspective | | |
| Precedence given justifiably to a perspective | | |
| Precedence is not given unjustifiably | | |
| Precedence is not given justifiably | | |
| Perspective(s) sources are from a reputable source | | |
| Perspective(s) sources are not from a reputable source | | |
| | | |
| **Research Article Claims and Statements** | | |
| | | |
| **5) Adequately Describes Intent** | | |
| News story mentions article intent | X | X |
| News story does not mention article intent | | |
| News story correctly describes article intent | X | X |

| | | |
|---|---|---|
| News story incorrectly describes article intent (over/understatement) | X | |
| | | |
| **6) Adequately Describes Results and Claims** | | |
| News story mentions article results and or claims | X | X |
| News story does not mention article results and or claims | | |
| News story correctly describes article results and or claims | | |
| News story incorrectly describes article results and or claims (over/understatement) | X | X |
| | | |
| **7) Article Reputation** | | |
| Research article is from a reputable journal or source | X | X |
| Research article is not from a reputable journal or source | | |
| | | |
| **News Story Claims and Statements** | | |
| | | |
| **8) Sources** | | |
| Independent sources are used | X | X |
| Independent sources are not used | | |
| Only sources from within the research article are used | | |
| No sources from outside the research article are used | | |
| Source(s) are from outside research article | | |
| | | |
| **9) Claims** | | |
| News story provides unjustifiable critiques | X | |
| News story correctly interprets observations | | X |
| News story states what is known | | |
| News story does not state what is known | X | X |
| News story states what is unknown | | |
| News story does not state what is unknown | X | X |
| News story does not contain gaps or leaps in reasoning | | |
| News story does contain gaps or leaps in reasoning | X | X |
| News story does not contain false claims | X | X |
| News story contains false claims | | |
| News story does not contain misleading claims | X | X |
| News story contains misleading claims | | |
| News story does not contain casual unsourced claims | X | X |
| News story does contain casual unsourced claims | | |
| | | |
| **10) Context** | | |
| News story provides appropriate context for article claims and statements | | |
| News story overstates an article result | | |
| News story understates an article result | | |
| News story oversimplifies an article result | X | X |
| News story "undersimplifies" an article result | | |
| | | |
| **11) Correlation vs Causation** | | |
| News story does not confuse any correlation and causation | | |
| News story does confuse correlation and causation | | |
| | | |
| **12) Cherry Picking** | | |
| News story cherry picks results for a narrative | | |
| News story does not cherry pick results for a narrative | | |
| | | |
| **Logical Fallacies** | | |
| | | |
| **13) Common Logical Fallacies** | | |
| News story does not contain any common logical fallacies | X | X |
| News story contains the straw man fallacy | | |
| News story contains the false dilemma fallacy | | |
| News story contains the slippery slope fallacy | | |
| News story contains the appeal to fear fallacy | | |
| News story contains the naturalistic fallacy | | |
| | | |
| **Author** | | |
| | | |
| **14) Conflict of Interest** | | |
| Author has a conflict of interest (previous publications, voiced opinions, opinion pieces) | | |

| | Rev 1 | Rev 2 |
|---|---|---|
| Author does not have an obvious conflict of interest | X | X |
| Author states a conflict of interest but remains neutral | | |
| | | |
| **15) Personal Opinion** | | |
| Author has mentioned a personal opinion in an inappropriate context | | |
| Author has not mentioned a personal opinion or has mentioned an opinion in an appropriate context | | X |
| | | |
| | | |
| **Reporting** | | |
| | | |
| **16) Represents Scientific Literature** | | |
| Reporting accurately represents scientific literature | X | |
| Reporting does not accurately represent scientific literature | | X |
| | | |
| **17) Represents Scientific Process** | | |
| Reporting accurately represents the scientific process | X | X |
| Reporting does not accurately represent the scientific process | | |
| | | |
| **18) Advertising and Marketing** | | |
| Reporting is not advertising or marketing a product or service | X | X |
| Reporting is advertising or marketing a product or service | | |

## Langauge

| Tone | Rev 1 | Rev 2 |
|---|---|---|
| | | |
| **19) Fear Mongering** | | |
| News story does not use fear mongering | X | X |
| News story uses fear mongering | | |
| | | |
| **20) Sensationalist Language** | | |
| News story does not use sensationalist language | X | X |
| News story uses sensationalist language | | |
| | | |
| **21) Certainty** | | |
| Author justifies any certainty or uncertainty | X | X |
| Author expresses certainty unjustifiably | | |
| Author expresses uncertainty unjustifiably | | |
| | | |
| **22) Exaggeration** | | |
| Author does not exaggerate aspects of the research artcile | X | X |
| Author exaggerates aspects of the research article | | |
| | | |
| **23) Minimization** | | |
| Author does not minimize aspects of the research article | X | X |
| Author minimizes aspects of the research article | | |
| | | |
| **24) Incivility and Impoliteness** | | |
| Author is neutral | X | X |
| Author is not civil or is impolite | | |
| | | |
| **25) Emotionally Charged** | | |
| Author is not emotionally charged | X | X |
| Author shows signs of contempt | | |
| Author shows signs of outrage | | |
| Author shows signs of spite | | |
| Author shows signs of disgust | | |
| | | |
| **Grammar** | | |
| | | |
| **26) Punctuation** | | |
| Exclamation marks are used justifiably | | X |
| Exclamation marks are used unjustifiably | | |
| Double punctuation is not used (e.g. ?? Or !!) | X | X |
| Double punctuation is used | | |

| | Rev 1 | Rev 2 |
|---|---|---|
| **27) Style** | | |
| News story uses correct grammar | X | X |
| News story uses incorrect grammar | | |
| Author does not use colloquialisms or slang unjustifiably | | |
| Author uses colloquialisms or slang unjustifiably | X | X |
| Author does not use humour or uses humour justifiably | X | X |
| Author uses humour unjustifiably | | |
| | | |
| **28) Pronoun Use** | | |
| News story is in third person or neutral | X | X |
| News story contains first person or we/you unjustifiably | | |
| **Vocabulary** | | |
| | | |
| **29) Wide or Varied Vocabulary** | | |
| Vocabulary is suitable for target audience | X | X |
| Vocabulary is not suitable for target audience | | |
| Wide or varied vocabulary is used to be intentionally misleading | | |
| | | |
| **30) Jargon** | | |
| Any jargon that is used is explained or of general knowledge to the target audience | X | |
| News story contains unexplained jargon | | X |
| News story contains unexplained jargon with intent to mislead | | |

## Accessibility

| Author | Rev 1 | Rev 2 |
|---|---|---|
| **31) Contact Information** | | |
| Author email is available | X | X |
| Author social media is available | X | X |
| No author contact information is available | | |
| | | |
| **32) Biography, Details, Description** | | |
| Author biography, details or description is available | X | X |
| Author biography, details or description is not available | | |
| | | |
| **33) Other Publications** | | |
| Other publications from the author are publicly available | X | X |
| **Sources** | | |
| | | |
| **34) Sources Cited** | | |
| Sources cited are listed or clearly stated | | X |
| Sources cited are not listed or clearly stated | X | |
| Sources cited are publicly available | X | X |
| Sources cited are not publicly available | | |
| Anonymous sources are justified | | X |
| Anonymous sources are unjustified | | |
| | | |
| **35) Research Article** | | |
| The original research article is publicly available | | |
| The original research article is not publicly available or is paywalled | | |
| Link to the original research article is present and clearly visible | | |
| No link to the original research article is present or clearly visible | X | X |

## Presentation

| Components | Rev 1 | Rev 2 |
|---|---|---|
| **36) Images** | | |

| | | |
|---|---|---|
| Image is included in a neutral manner | X | X |
| Image is included in a flattering or positive way | | |
| Image is included in an unflattering or negative way | | |
| | | |
| **37) Advertisements** | | |
| Reasonable advertisement usage (less that 3 for the article) | | X |
| Numerous advertisements (more than 3 for the article) | X | X |
| Article or website does not contain sponsored content | X | X |
| Article or website contains sponsored content | | |
| Article or website contains related sponsored content | | |
| Advertisements are used in an aggressive manner | | |
| Advertisement domain contains advertisements for false products | | |
| | | |
| **38) Social Media Prompts** | | |
| Reasonable social media prompts (buttons at top or one prompt) | | |
| Numerous social media prompts (popups, overabundance of prompts) | X | X |
| | | |
| **39) Highlighted Sections** | | |
| Highlighted sections are used for depth of the story | X | X |
| Highlighted sections are used for dramatic effect | | |
| Any highlighted content is taken out of context | | |