

Index

- abbreviations, 10, 18, 20, 35, 87, 97–98, 136, 140
- Abstract, 9–10, 17, 24, 132
 - avoidance of citations, 96–97
 - background information, 95–96
 - building on the first part, 95
 - conclusion, 97
 - first sentence, 94–95, 100
 - purpose, 93
 - stating the hypothesis, 95
 - structured, 9, 93–94
 - type of paper, 29
 - unstructured, 93–94
 - uploading, 141
 - word count, 33
- accuracy, 20, 90, 123–124, 142
- Acknowledgements, 9, 14, 18, 22–23, 51–53, 91, 99, 104–105, 130, 143, 183, 189
- acronym, 35, 87, 135, 191
- affiliation, 33, 102, 130
- altruism, 16
- analogy, 73
- analysis, 69
 - Northern blot, 85–86
 - regression, 114, 116
 - statistical, 91, 152
 - Western blot, 89–91
- annotation, 31–53, 85
 - software, 166
- argument, 21, 69, 72–74, 131
- author
 - copyright, 171–172
 - editorial dialogue, 158–159
 - responsibilities, 30–31, 54, 109, 162–163
 - sequence of names, 129–130, 141
 - author list, 101–102
 - author-pays system, 13, 137, 144, 167, 186, 189
 - Authors' Contributions, 22, 99, 102, 105
 - Authors' Licensing and Collecting Society (ALCS), 174–175
 - average, 41, 115, 124
 - axes, 41, 117–118, 122, 159
- background, 6, 9, 79
 - contextual, 19
 - in the Abstract, 94–96
 - in the Discussion, 70–71
 - in the Introduction, 76
- baseline, 49, 117
- bibliography, 33, 99, 106, 108–110
- block graphs, 121
- BMP (Bitmap files), 139
- brackets, 35, 136
- case reports, 29
- charges, 137–138
- checklist, 13, 136–137, 140, 189
- chronology, 56–57, 60
- citation, 53, 96–97, 128
 - methods. *See* Harvard system; Vancouver system
- co-authors/co-authorship, 57, 184–185
 - conflicts of interest, 127, 130, 137
 - revisions by, 128–129, 136
- columns, 30, 33–53, 111, 122, 163, 165–166
- communication, 174, 191
 - preliminary, 19, 28, 157, 190
 - short, 29, 157, 190

- Conclusions, 8–10, 18, 21–22, 51, 70, 140
 checking of, 152
 erroneous, 82
 in the Abstract, 94
 in the Discussion, 75
 conflict of interest, 12, 99, 103–105, 130,
 137, 140, 149, 177, 185–186
 consensus, 7, 49, 59, 66, 72, 75, 96, 114, 173,
 176
 consent, 12, 91, 184–185
 controls, 56, 62–63, 74, 81–82, 89, 157
 COPE (Committee on Publication Ethics),
 162, 187
 copyediting, 136, 166–167
 copyright, 13–14, 170–171, 177
 dealing with at submission, 143
 effects of time on, 173
 infringement of, 178
 review and revision of, 174–175
 corrections, 129, 149, 159, 163, 166, 183,
 185, 189
 correlation, 114–116, 180–182
 corresponding author, 33, 99, 102–103, 130,
 136, 140–141, 163, 172
 corrigenda, 13, 183–184
 covering letter, 30, 131, 140
- data, 55–56, 64
 arranging, 56–57
 fabrication, 179–180
 manipulation, 180–181
 negative and neutral, 181
 neutral/contradictory, 81
 ownership of, 103
 presenting, 20–21, 112–114
 removal of, 14
 supplementary, 126
 data-points, 115–117
 design, 59, 65–67, 116, 121, 152
 deviation, 115–116
 dialogue, 132, 158–159
 Discussion, 8–9, 21–22, 33–51, 65–66, 189
 combined with Results, 71–72
 common problems, 70
 context, 67, 69
 getting started, 68–69
 links to the Introduction, 79
 organization, 67–71
 subheadings, 69, 131
 succinctness and inference, 72–73
 summary, 75
 taking stock, 74
 DOI (digital optical identifier), 33, 110, 161,
 167
 downloading, 138, 167
 draft, 11, 23–24, 31, 54–55, 99, 129, 143, 190
 duplication, 13–14, 79, 132, 146–147,
 177–179, 189
 DVI (Device Independent File Format),
 169
- editors
 decision by, 156–157
 dialogue with authors, 158–159
 final edit, 160
 preparation for publication, 160–161
 English, 189
 consistency in varieties of, 135, 163
 presentation, 127, 129, 190–191
 usage, 10–11, 61, 89–90
 errors, 109–110, 136, 148, 152, 163, 166
 ethical approval/permission, 91, 137, 141
 ethics, 12–14, 101, 132–133, 176–177, 181
 dealing with unethical practices, 162, 187
 detection of unethical practices, 146–148
 unethical practices, 177–182
 evidence, 189
 discussion of, 66
 negative, 21, 58–59, 64, 115
 neutral, 59
 positive, 59–60
 strengths and weaknesses, 71–72
- fabrication, 13, 146, 177, 179–180, 189
 feedback, 134, 145, 153
 figures, 30, 37–47, 64, 92, 111–112, 137–138,
 140, 189
 construction of, 116–120
 formatting of, 139
 graphs and histograms, 112–114
 legends, 120–121
 publishing procedures, 164–166

198 Index

- files, 138–140
 BMP (Bitmap), 169
 EPS (Encapsulated PostScript), 169
 formatting for submission, 138–139
 JPEG (Joint Photographic Experts Group), 139, 169
 PDF (Portable Document Format), 139–140, 142, 160, 166, 168–169
 PNG (Portable Network Graphic format), 139
 RTF (Rich Text Format), 169
 TIFF (Tagged Image File Format), 139, 169
 uploading, 142
- flow chart, 92, 162, 167
- font, 23, 30, 33, 39, 92, 108, 122, 124, 131, 160, 163–164
- footnotes, 30, 33, 39, 98, 122, 160, 163
- format, 17–18, 30, 108, 111, 128, 131, 138–139, 142, 160
 changes, 163–164
- funding, 9, 13, 16, 33, 59, 104–105, 145
 acknowledgement of, 22, 51–53, 189
- guidelines, 13, 30, 135, 138, 160
- hardcopy, 160, 165
- Harvard referencing, 53, 106–108, 135–136
- histograms, 112–114, 120–121
- hypothesis, 14, 56, 58–60, 66, 68–69, 78–80
 discussion of, 73–74
 disproof of, 181–182
 in the Abstract, 94–95
 non-exclusivity of, 81
 papers without, 79–80
 testing, 80–82
- impact factor, 135, 144, 147
- induction, 5
- inference, 21, 73
- Instructions to Authors, 11, 13, 54, 94, 97, 101, 106, 111, 127, 135, 176, 189
- Introduction, 6–7, 19, 33–54, 189
 explaining the background, 79
 identification of specific topic and problem, 78
 influence of Discussion on, 69–71
 information on subject area, 77–78
 purposes of, 76
 size of, 76
 stating the hypothesis, 78
- journal requirements, 30, 54, *See also* Instructions to Authors
 complying with, 135, 138
- journal submission systems (JSS), 141–142
- journals
 numbered sections, 131
 predatory open access, 186
 referencing, 108
- justification, 75, 90
- keywords, 10, 18, 33, 78, 97, 100, 140, 149
- legends, 41, 64, 112, 120–121, 124–125, 164–165
- literature, 23
- logic, 7, 57, 62
- magazine article, 29
- magnification, 125
- manipulation, 14, 63, 126, 180–181
- Materials and Methods, 7, 20, 35, 64, 83–84, 91–92
 acknowledgement of gifts in, 91, 104
 placement, 164, 189
- number, 166
- omission, 14, 59, 109, 166
- online
 editing, 166–167
 journals, 13, 111, 137
 publishing, 30, 125, 186
 review, 153
 submission, 131, 135, 141–142, 159
 tracking of papers, 151
- overview, 28
- parenthesis, 53, 88, 97
- patent, 16, 29, 103, 171, 174

- peer reviewing, 107, 134, 144, 151, 176, 178, 180
- permission, 12–13, 132, 137, 143, 172–173, 177, 179, 184
- personal pronouns, 60–61
- pie charts, 113, 120
- plagiarism, 14, 72, 132, 143, 146, 148, 172, 178–179, 189
- Popper, Karl, 59, 66, 182
- position, 67, 72
- postscript, 169
- PowerPoint, 7, 55, 57, 112, 139
- precision, 123–124
- predation, 148, 186
- preface, 76
- preprints, 143–145
- primary research paper, 28, 30–31, 77, 144
- principal investigator (PI), 62
- prior publication, 29
- proof/proofreading, 37, 81, 161, 165–167
- publication
 - costs, 137–138
 - duplicate, 14
 - income from, 174–175
 - preparing for, 160–161
 - reasons for, 16–17
 - requirements, 12–13
- publishers, 138, 142
 - holding of copyright, 171–172
- quality, 58, 146, 148–149, 176
- quantity, 58
- quotation, 172–173, 184
- ratio, 41, 117–118, 165
- reader-pays system, 13, 167, 189
- rebuttal, 158–159
- reduction
 - of images and illustrations, 111, 124–125
 - of words, 19, 24–27
- references, 9, 18, 53, 189
 - citing, 174
 - digital optical identifier (DOI), 110
 - producing the list, 108–110
 - software for managing, 9, 23, 108, 139
 - systems, 33, 106–108, 135
- regression, 64, 114, 116
- repetition, 10, 65, 69–70, 89, 100, 107, 122
 - of experiments, 114
- reports
 - chronological, 57, 60
 - referees', 92, 132
 - reviewers', 128, 149, 151–153, 158
- reproduction, 172, 177, 179
- results, 18, 20–21, 55–56, 58–64, 189
 - active vs. passive voice, 61
 - adding text, 60
 - arranging data, 56–57
 - combined with Discussion, 71–72
 - discussing, 8, 21–22
 - in Abstract, 33
 - logic and order, 62
 - mention of controls, 63
 - negative and positive, 182
 - presenting, 7–8, 35–43
 - selection process, 57–59
 - statistics, 63–64
 - tables in, 122
- retraction, 183–184
- review article, 23, 28, 77, 190
- revision, 136, 159–160, 167, 190
 - after peer review, 152
 - at submission stage, 141
 - by co-authors, 127–129
 - by main author, 127–128
 - following editorial assessment, 157–158
- rogue points, 59, 112, 181
- royalties, 174–175
- scale, 116–120, 125
- schema, 92, 112, 124, 137, 164–166
- sections, 131
- selection process, 56–60
- significance, 19, 41, 62–63, 71, 74, 181
- speculation, 8, 73–74, 152
- statistics, 7, 20, 63–64, 91, 181
- subheadings, 22, 30, 69, 76, 131
- submission, 134–135, 138–139
 - charges, 137
 - checklist, 136–137
 - dealing with copyright, 143
 - formatting of files for, 138–139

200 Index

- submission (cont.)
 - journal requirements, 135
 - journal submission systems (JSS), 141–142
 - letter of, 131–132, 137
 - multiple, 14, 133, 147, 178–179
 - problems with, 143
 - resubmission, 157–158, 167
- subscripts, 164
- succinctness, 7, 9, 14, 18–19, 24, 26, 56, 61, 72–73, 131, 189–190
- summary. *See* abstract
- superscripts, 33, 84, 102–103, 122, 164
- supplementary material/information, 18, 29, 56, 62, 92, 126, 140, 189
- survey, 78, 137
- symbols, 41–47, 87, 102, 122, 166, 171
- tables, 31, 64, 111–112, 122–124, 137, 139, 165, 189
- technical reports, 29, 190
- technique, 5, 9, 20, 81
- test, 80–82
- Title, 10, 18, 23–24, 33, 99–100, 189
- titles
 - for figures, 121
 - for illustrations, 124
 - for tables, 39, 122
 - in references, 108
- triage, 77, 80, 135, 147–148, 156–157
- uploading, 141–142
- Vancouver references, 33, 53, 106–107, 135–136
- withdrawal, 183–184
- word count, 9, 33, 140–141
 - reduction of, 19, 24–27, 107
- Word documents, 138–139