**Additional file 2**

**Table 1** Roles identified in book chapters, commentaries, editorials, letters, perspectives, and tutorials

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Author** | **Country** | **Language** | **Journal** | **Year** | **Design** | **Theme(s)** | **Role(s)** | **# of role(s)**  |
| Alam, S.(1) | UK | English | BMC Medicine | 2015 | Editorial | Self-critical professionals,Skilled critics,Advisors | 32, 44, 70 | 3 |
| Allen, T. W.(2) | USA | English | The Journal of the American Osteopathic Association | 2013 | Commentary | Familiar with journal,Unbiased and ethical professionals,Self-critical professionals,Reliable professionals,Skilled critics,Respectful communicators,Advocates,Advisors | 11, 13, 14, 15, 17, 31, 33, 35, 36, 41, 42, 44, 45, 62, 68, 71 | 16 |
| Allen, T. W.(3) | USA | English | Bariatric Surgical Practice and Patient Care | 2014 | Editorial | Dutiful/altruistic towards scientific community, Unbiased and ethical professionals, Reliable professionals,Skilled critics,Respectful communicators,Advocates,Reviewers should not | 7, 14, 15, 16, 18, 35, 44, 46, 61, 62, 67, 73 | 12 |
| Andersson, K.-E.(4) | Denmark | English | The Journal of Urology | 2011 | Editorial | Dutiful/altruistic towards scientific community,Self-critical professionals,Skilled critics,Respectful communicators,Advisors | 4, 31, 42, 57, 71 | 5 |
| Bacchetti, P.(5) | USA | English | BMJ | 2002 | Editorial | Self-critical professionals | 32 | 1 |
| Baker, D. J.(6) | USA | English | Association of periOperative Registered Nurses Journal | 2015 | Editorial | Reliable professionals, Skilled critics, Respectful communicators,Advisors,Reviewers should not | 35, 38, 42, 44, 45, 60, 61, 71, 73 | 9 |
| Bernstein, J.(7) | USA | English | Clinical Orthopaedics and Related Research | 2013 | Commentary | Unbiased and ethical professionals | 16 | 1 |
| Berquist, T.(8) | USA | English | American Journal of Roentgenology | 2014 | Editorial | Unbiased and ethical professionals | 23, 27 | 2 |
| Brandon, D.(9) | USA | English | Advances in Neonatal Care | 2015 | Editorial | Proficient experts in their field,Unbiased and ethical professionals,Reliable professionals,Skilled critics | 1, 13, 14, 35, 43 | 5 |
| Brock, W. J.(10) | USA | English | International Journal of Toxicology | 2014 | Editorial | Unbiased and ethical professionals,Self-critical professionals,Reliable professionals | 13, 31, 36 | 3 |
| Byrne, R.(11) | N/A | English | EuroIntervention | 2016 | Editorial | Skilled critics,Respectful communicators,Advisors | 43, 45, 46, 57, 71 | 5 |
| Campion, E. W.(12) | N/A | English | New England Journal of Medicine | 2000 | Editorial | Unbiased and ethical professionals,Advisors,Reviewers should not | 19, 70, 72 | 3 |
| Carrió, I.(13) | Spain | English | European Journal of Nuclear Medicine and Molecular Imaging | 2006 | Editorial | Dutiful/altruistic towards scientific community,Skilled critics | 4, 43 | 2 |
| Chew, F.(14) | USA | English | American Journal of Radiology | 1992 | Editorial | Proficient experts in their field, Familiar with journal,Respectful communicators,Reviewers should not | 1, 11, 61, 72, 73 | 5 |
| Christensen, N. B.(15) | N/A | English | International Journal ofUrology | 2010 | Editorial | Dutiful/altruistic towards scientific community,Unbiased and ethical professionals,Skilled critics,Advisors | 5, 14, 15, 42, 51, 71 | 6 |
| Clark, R.(16) | UK | English | British Dental Journal | 2012 | Editorial | Unbiased and ethical professionals | 17 | 1 |
| Clarke, S. P.(17) | Canada | English | Canadian Journal of Nursing Research | 2006 | Editorial | Proficient experts in their field,Skilled critics,Gatekeepers,Educators,Advocates | 1, 44, 46, 64, 65, 67 | 6 |
| Cotton, P.(18) | USA | English | JAMA | 1994 | Editorial | N/A | N/A | 0 |
| Cowell, J. M.(19) | USA | English | The Journal of School Nursing | 2014 | Editorial | N/A | N/A | 0 |
| Cowell, J. M.(20) | USA | English | The Journal of School Nursing | 2015 | Editorial | Familiar with journal,Skilled critics,Reviewers should not | 11, 46, 49, 73 | 4 |
| Crawford, S.(21) | USA | English | Bulletin of the Medical Library Association | 1988 | Editorial | N/A | N/A | 0 |
| Cummings, P.(22) | N/A | English | Archives of Pediatrics & Adolescent Medicine | 2002 | Editorial | Unbiased and ethical professionals,Skilled critics,Reliable professionals,Respectful communicators,Advisors, Reviewers should not | 13, 40, 43, 46, 57, 58, 62, 70, 72 | 9 |
| Cusik, A.(23) | Australia | English | Australian Occupational Therapy Journal | 2016 | Editorial | Proficient experts in their field,Unbiased and ethical professionals,Gatekeepers,Advisors | 1, 13, 63, 70 | 4 |
| da Cruz, I. C.(24) | Brazil | Portuguese | Online Brazilian Journal of Nursing | 2008 | Editorial | N/A | N/A | 0 |
| David, B.(25) | UK | English | European Journal of Neuroscience | 2016 | Editorial | Skilled critics, Reviewers should not | 43, 74 | 2 |
| de Araújo, C.(26) | Brazil | English | Arquivos Brasileros de Cardiololgia | 2012 | Perspective | Dutiful/altruistic towards scientific community,Familiar with journal,Unbiased and ethical professionals,Self-critical professionals,Reliable professionals, Self-critical professionals,Skilled critics,Advisors,Reviewers should not | 7, 11, 14, 31, 32, 33, 35, 36, 38, 39, 42, 70, 71, 72, 75 | 15 |
| de Hon, F.(27) | Netherlands | English | Vaccine | 2013 | Editorial | Unbiased and ethical professionals,Reliable professionals,Skilled critics | 16, 35, 42, 43, 44, 51 | 6 |
| DeBarr, K.(28) | USA | English | Californian Journal of Health Promotion | 2007 | Editorial | Familiar with journal,Unbiased and ethical professionals,Self-critical professionals,Skilled critics,Reliable professionals,Respectful communicators | 11, 13, 31, 34, 36, 42, 44, 47, 53, 57, 61 | 11 |
| Del Mar, C.(29) | Australia | English | BMC Medicine | 2015 | Tutorial | Unbiased and ethical professionalsReliable professionals,Skilled criticsRespectful communicators,Advisors | 13, 17, 35, 42, 43, 51, 60, 71 | 8 |
| Dinis-Ribeiro, M.(30) | Portugal | English | Endoscopy | 2013 | Editorial | Proficient experts in their field,Familiar with journal,Unbiased and ethical professionals,Reliable professionals,Skilled critics | 1, 11, 13, 14, 15, 16, 23, 35, 42, 43 | 10 |
| Do Vale, E. S.(31) | Brazil | Portuguese | Anais Brasileiros de Dermatologia | 2008 | Editorial | Unbiased and ethical professionals,Self-critical professionals,Reliable professionals,Skilled critics,Respectful communicators | 13, 17, 18, 21, 24, 28, 31, 32, 33, 35, 37, 38, 39, 42, 48, 57 | 16 |
| Donato, H.(32) | Portugal | English | Acta Médica Portuguesa | 2012 | Editorial | Reliable professionals,Skilled critics,Advisors | 35, 43, 70 | 3 |
| Drummon, A.(33) | UK | English | British Journal of Occupational Therapy | 1996 | Editorial | Familiar with journal, Unbiased and ethical professionals,Self-critical professionals,Skilled critics,Educators,Reviewers should not | 11, 23, 32, 43, 48, 66, 75 | 7 |
| Dutta, M. J.(34) | USA | English | Health Communication | 2009 | Commentary | Proficient experts in their field,Unbiased and ethical professionals,Reliable professionals,Skilled critics, Respectful communicators,Educators | 1, 17, 35, 46, 56, 58, 66 | 7 |
| el-Azhary, R.(35) | N/A | English | International Journal of Dermatology | 2016 | Editorial | Unbiased and ethical professionals,Skilled critics | 19, 43 | 2 |
| Emanuel, L.(36) | USA | English | Archives of Internal Medicine | 2005 | Editorial | Proficient experts in their field,Familiar with journal, Unbiased and ethical professionals | 1, 11, 13, 15, 16 | 5 |
| Emden, C.(37) | Australia | English | Nursing Inquiry | 1996 | Editorial | Dutiful/altruistic towards scientific community,Familiar with journal,Unbiased and ethical professionals,Self-critical professionals,Reliable professionals,Skilled critics,Respectful communicators | 9, 11, 15, 34, 35, 40, 43, 49, 61 | 9 |
| Faggion, C. M.(38) | UK | English | British Dental Journal | 2016 | Editorial | Reviewers should not | 74 | 1 |
| Fain, J. A.(39) | USA | English | The Diabetes EDUCATOR | 2011 | Editorial | N/A | N/A | 0 |
| Feinstein, A.(40) | USA | English | Journal of Clinical Epidemiology | 1989 | Editorial | Proficient experts in their field, Reliable professionals, Skilled critics,Gatekeepers,Educators | 1, 37, 42, 43, 64, 65 | 6 |
| Feldstein Ewing, S.(41) | USA | English | Evidence Based Medicine | 2015 | Perspective | Familiar with journal,Reliable professionals,Skilled critics,Respectful communicators | 11, 35, 43, 46, 48, 49, 57 | 7 |
| Feldman, M. D.(42) | USA | English | Journal of Geneneral Internal Medicine | 2016 | Editorial | Skilled critics | 43 | 1 |
| Ferris, L.(43) | Canada | English | Journal of Child Neurology | 2010 | Editorial | Proficient experts in their field,Unbiased and ethical professionals,Reliable professionals,Skilled critics,Respectful communicators | 1, 13, 15, 17, 35, 37, 44, 45, 48, 53, 61 | 11 |
| Fisher, R.(44) | USA | English | Epilepsia | 2004 | Editorial | Unbiased and ethical professionals,Advisors | 13, 71 | 2 |
| Fitzpatrick, J.(45) | N/A | English | Applied Nursing Research | 2017 | Editorial | Skilled critics, Reviewers should not | 42, 43, 45, 73 | 4 |
| Flood, A.(46) | N/A | English | Health Services Research | 2004 | Editorial | Dutiful/altruistic towards scientific community,Unbiased and ethical professionals,Skilled critics | 6, 17, 43 | 3 |
| Fontes, B. M.(47) | Brazil | English | Arquivos Brasileiros de Oftalmologia | 2015 | Editorial | Proficient experts in their field,Skilled critics,Advisors | 1, 2, 43, 45, 70 | 5 |
| Foster, R.(48) | N/A | English | Journal for Specialists in Pediatric Nursing | 2008 | Editorial | Dutiful/altruistic towards scientific community,Familiar with journal,Unbiased and ethical professionals,Reliable professionals,Advisors | 4, 7, 11, 13, 14, 37, 71 | 7 |
| Friedman, D.(49) | USA | English | American Journal of Roentgenology | 1995 | Perspective | Reliable professionals,Skilled critics | 35, 43 | 2 |
| Furness, P.(50) | UK | English | BMJ | 1994 | Commentary | Proficient experts in their field,Skilled critics | 1, 47 | 2 |
| Gennaro, S.(51) | N/A | English | Journal of Nursing Scholarship | 2015 | Editorial | N/A | N/A | 0 |
| Gitanjali, B.(52) | India | English | Journal of Postgraduate Medicine | 2001 | Editorial | Proficient experts in their field,Unbiased and ethical professionals,Self-critical professionals,Reliable professionals,Skilled critics,Respectful communicators,Reviewers should not | 1, 13, 14, 17, 20, 21, 22, 29, 31, 33, 36, 37, 38, 43, 45, 57,72 | 17 |
| Giunta, R. E.(53) | Germany | English | Handchirurgie Mikrochirurgie Plastische Chirurgie | 2012 | Editorial | Unbiased and ethical professionals, Skilled critics,Respectful communicators,Advisors | 16, 42, 43, 44, 58, 70 | 6 |
| Glick, M.(54) | N/A | English | Journal of the American Dental Association | 2007 | Editorial | Proficient experts in their field,Skilled critics,Respectful communicators,Advisors | 1, 42, 61, 71 | 4 |
| Goldbeck-Wood, S.(55) | UK | English | BMJ | 1998 | Editorial | Reliable professionals,Skilled critics,Respectful communicators,Reviewers should not | 35, 42, 43, 44, 45, 46, 47, 59, 65, 72 | 10 |
| Goodlett, C.(56) | USA | English | Alcohol | 2005 | Editorial | Unbiased and ethical professionals,Reliable professionals,Skilled critics,Respectful communicators | 16, 35, 37, 38, 41, 42, 57 | 7 |
| Gough, N. R.(57) | USA | English | Science Signaling | 2009 | Editorial | Unbiased and ethical professionals,Self-critical professionals,Reliable professionals,Skilled critics,Respectful communicators,Gatekeepers | 15, 32, 35, 40, 42, 43, 49, 51, 52, 58, 60, 64 | 12 |
| Halder, N.(58) | UK | English | Advances in Psychiatric Treatment | 2011 | Editorial | Familiar with journal,Unbiased and ethical professionals,Self-critical professionalsReliable professionals,Skilled critics,Respectful communicators | 11, 13, 16, 31, 32, 35, 36, 47, 50, 57 | 10 |
| Harms, M.(59) | USA | English | Physiotherapy | 2006 | Editorial | Proficient experts in their field,Skilled critics,Respectful communicators | 1, 42, 43, 57 | 4 |
| Heddle, N.(60) | Canada | English | Transfusion | 2009 | Commentary | Proficient experts in their field,Unbiased and ethical professionals,Self-critical professionals,Reliable professionals,Skilled critics,Respectful communicators,Gatekeepers,Advocates | 1, 13, 14, 16, 18, 24, 31, 34, 35, 43, 45, 58, 59, 64, 67 | 15 |
| Helton, M.(61) | USA | English | The Journal of Paediatrics | 2011 | Commentary | Unbiased and ethical professionals,Skilled critics,Advisors | 13, 14, 15, 16, 20, 52, 71 | 7 |
| Hernandez, L. V.(62) | USA | English | Gastrointestinal Endoscopy | 2009 | Commentary | Familiar with journal,Self-critical professionals | 11, 34 | 2 |
| Hoyt, K. S.(63) | USA | English | Advanced Emergency Nursing Journal | 2007 | Editorial | Unbiased and ethical professionals,Reliable professionals,Skilled critics,Respectful communicators,Gatekeepers | 13, 14, 17, 19, 20, 24, 37, 42, 46, 48, 57, 63 | 12 |
| Isaacs, D.(64) | Australia | English | Journal of Paediatrics and Child Health | 2004 | Commentary | Familiar with journal,Self-critical professionals,Reliable professionals,Respectful communicators,Reviewers should not | 11, 32, 35, 57, 72, 73, 75 | 7 |
| Izumi, S.(65) | USA | English | Japan Journal of Nursing Science | 2009 | Editorial | Skilled critics, Gatekeepers,Advisors | 43, 57, 64, 70 | 4 |
| Jacobson, R.(66) | USA | English | Academic Paediatrics | 2017 | Commentary | Proficient experts in their field,Unbiased and ethical professionals,Self-critical professionals,Reliable professionals,Skilled critics,Respectful communicators,Gatekeepers,Educators,Advisors | 1, 14, 15, 16, 20, 32, 35, 39, 41, 42, 43, 45, 46, 50, 53, 57, 60, 64, 65, 70 | 20 |
| Jain, A. K.(67) | India | English | Indian Journal of Orthopaedics | 2009 | Editorial | Unbiased and ethical professionals,Self-critical professionals,Reliable professionals,Skilled critics,Respectful communicators,Advisors | 13, 14, 18, 19, 21, 31, 35, 42, 45, 46, 47, 57, 58, 71 | 14 |
| Kasiske, B. L.(68) | N/A | English | American Journal of Kidney Diseases | 2005 | Editorial | Skilled critics | 42, 47 | 2 |
| Katz, A.(69) | N/A | English | Oncology Nursing Forum | 2016 | Editorial | Reliable professionals,Reviewers should not | 35, 73 | 2 |
| Kearney, M.(70) | UK | English | Research in Nursing & Health | 2016 | Editorial | Proficient experts in their field | 1, 2 | 2 |
| Kehrer, J. P.(71) | Canada | English | Toxicology | 2013 | Letter | Unbiased and ethical professionals,Reliable professionals,Skilled critics,Advisors | 15, 16, 35, 44, 70 | 5 |
| Kotsis, S.(72) | N/A | English | Plastic and Reconstructive Surgery | 2014 | Editorial | Proficient experts in their field,Unbiased and ethical professionals,Self-critical professionals,Reliable professionals,Skilled critics,Respectful communicators,Educators,Advisors | 1, 13, 31, 33, 36, 42, 43, 45, 46, 57, 62, 66, 70 | 13 |
| Kottner, J.(73) | Germany | English | International Journal of Nursing Studies | 2016 | Editorial | Proficient experts in their field,Unbiased and ethical professionals,Reliable professionals,Reviewers should not | 1, 13, 35, 37, 39, 72 | 6 |
| Krome, R. L.(74) | N/A | English | Annals of Emergency Medicine | 1983 | Editorial | Unbiased and ethical professionals,Advocates | 15, 69 | 2 |
| Landauer, A.(75) | Australia | English | Australian Drug and Alcohol Review | 1987 | Editorial | Proficient experts in their field,Familiar with journal, Unbiased and ethical professionals,Reliable professionals,Reviewers should not | 1, 11, 23, 35, 74, 75 | 6 |
| Lau, D.(76) | N/A | English | Canadian Journal of Diabetes | 2016 | Editorial | Proficient experts in their field, | 1, 2 | 2 |
| Lichter, P. R.(77) | N/A | English | Ophthalmology | 1993 | Editorial | Proficient experts in their field,Unbiased and ethical professionals,Self-critical professionals,Reliable professionals,Skilled critics,AdvocatesReviewers should not | 1, 14, 15, 22, 31, 36, 42, 43, 44, 45, 68, 69, 71, 72 | 14 |
| Lowe, N.(78) | N/A | English | Journal of Obstetric, Gynecologic, & Neonatal Nursing | 2007 | Editorial | Proficient experts in their field,Familiar with journal,Unbiased and ethical professionals,Reliable professionals,Skilled critics | 1, 2, 11, 17, 35, 37, 42, 44, 45 | 9 |
| Luscher, T.(79) | USA | English | Journal of the American College of Cardiology | 2016 | Letter | Unbiased and ethical professionals,Self-critical professionals,Skilled critics | 13, 16, 17, 31, 42, 43 | 6 |
| Mackenzie, L.(80) | Australia | English | Australian Occupational Therapy Journal | 2006 | Editorial | Skilled critics, Educators | 42, 54, 66 | 3 |
| Mannis, M. J.(81) | N/A | English | Cornea | 1997 | Editorial | Unbiased and ethical professionals,Respectful communicators,Reviewers should not | 16, 17, 57, 74 | 4 |
| Manske, P.(82) | N/A | English | The Journal of Hand Surgery | 1997 | Commentary | Skilled critics, Reviewers should not | 43, 72 | 2 |
| Martin-Sanchez, F.(83) | Spain | English | Emergencias | 2012 | Editorial | Proficient experts in their field,Dutiful/altruistic towards scientific community,Self-critical professionals,Unbiased and ethical professionals,Reliable professionals,Skilled critics | 1, 2, 4, 8, 15, 33, 35, 36, 45, 49, 56 | 11 |
| Marušić, M.(84) | Croatia | English | Croatian Medical Journal | 2005 | Editorial | Proficient experts in their field,Dutiful/altruistic towards scientific community,Familiar with journal,Unbiased and ethical professionals,Reliable professionals,Skilled critics,Educators | 1, 4, 11, 15, 35, 36, 43, 65 | 8 |
| Merell, R.(85) | N/A | English | Telemedicine and E-Health | 2007 | Editorial | Unbiased and ethical professionals,Reliable professionals,Skilled critics,Gatekeepers | 14, 35, 42, 63 | 4 |
| Minion, D.(86) | N/A | English | Journal of Vascular Surgery | 2007 | Editorial | Proficient experts in their field,Unbiased and ethical professionals,Reliable professionals | 1, 14, 17, 20, 35 | 5 |
| Moher, D.(87) | Canada | English | BMC Medicine | 2015 | Tutorial | Skilled critics,Respectful communicators | 42, 57 | 2 |
| Moher, D.(88) | Canada | English | Peer review in Health Sciences | 2003 | Book chapter | Proficient experts in their field,Familiar with journal,Unbiased and ethical professionals,Self-critical professionals,Reliable professionals,Skilled critics,Respectful communicators,Advisors,Reviewers should not | 1, 3, 11, 13, 14, 18, 20, 21, 31, 32, 34, 35, 36, 37, 39, 40, 42, 43, 47, 50, 58, 70, 71, 73 | 24 |
| Moore, K. N.(89) | N/A | English | Journal of Wound, Ostomy, & Continence Nursing | 2005 | Editorial | Proficient experts in their field, Dutiful/altruistic towards scientific community,Unbiased and ethical professionals, | 1, 4, 14, 18, | 4 |
| Morse, J. M.(90) | USA | English | Qualitative Health Research | 2014 | Editorial | Skilled critics | 42 | 1 |
| Muir-Cochrane, E.(91) | N/A | English | Nursing & Health Sciences | 2013 | Editorial | Unbiased and ethical professionals,Skilled critics,Respectful communicators | 13, 14, 28, 42, 44, 49, 52, 54, 57 | 9 |
| Nelson, C. A.(92) | USA | English | Dermatologic Clinics | 2009 | Editorial | Proficient experts in their field,Unbiased and ethical professionalsReliable professionals,Skilled critics,Respectful communicators,Gatekeepers,Reviewers should not | 3, 13, 14, 15, 35, 36, 42, 58, 63, 72 | 10 |
| Newell, F. W.(93) | USA | English | American Journal of Ophthalmology | 1990 | Editorial | N/A | N/A | 0 |
| Nexoe, J.(94) | Denmark | English | Scandinavian Journal of Primary Health Care | 2014 | Editorial | Reliable professionals, | 35, 36, 38 | 3 |
| Olson, C. M.(95) | N/A | English | American Journal of Emergency Medicine | 1990 | Editorial | Skilled critics, Advisors | 43, 70 | 2 |
| Oman, K.(96) | USA | English | Journal of Emergency Nursing | 2009 | Editorial | Unbiased and ethical professionals,Skilled critics,Respectful communicators,Advisors | 13, 42, 48, 57, 58, 70, 71 | 7 |
| Pearson, G. S.(97) | USA | English | Journal of the American Psychiatric Nurses Association | 2016 | Editorial | Proficient experts in their field,Reliable professionals,Skilled critics,Respectful communicators | 1, 35, 38, 39, 42, 43,57, 58 | 8 |
| Peh, W.C.G.(98) | Singapore | English | Singapore Medical Journal | 2009 | Editorial | Proficient experts in their field,Unbiased and ethical professionals,Skilled critics,Respectful communicators,Gatekeepers | 1, 13, 14, 15, 16, 17, 18, 24, 42, 43, 54, 57, 63 | 13 |
| Perkins, D.(99) | Australia | English | Australian Journal of Rural Health | 2009 | Editorial | Proficient experts in their field,Reliable professionals,Skilled critics,Gatekeepers,Educators,Advisors | 1, 2, 35, 43, 49, 63, 65, 70 | 8 |
| Pierson, C. A.(100) | N/A | English | Journal of the American Association of Nurse Practitioners | 2014 | Editorial | N/A | N/A | 0 |
| Pierson, C. A.(101) | N/A | English | Journal of the American Association of Nurse Practitioners | 2015 | Editorial | Unbiased and ethical professionals,Gatekeepers,Advisors | 13, 63, 70 | 3 |
| Pierson, C. A.(102) | N/A | English | Journal of the American Association of Nurse Practitioners | 2016 | Editorial | Skilled critics,Advisors | 42, 70 | 2 |
| Pietrzak, W. S.(103) | N/A | English | Journal of Craniofacial Surgery | 2010 | Editorial | Proficient experts in their field,Dutiful/altruistic towards scientific community,Unbiased and ethical professionals,Reliable professionals,Gatekeepers,Advisors,Reviewers should not | 1, 8, 14, 35, 37, 41, 64, 70, 71, 72, 73, 74 | 12 |
| Polak, J. F.(104) | USA | English | American Journal of Roentgenology | 1995 | Perspective | Proficient experts in their field,Unbiased and ethical professionals,Skilled critics,Reviewers should not | 1, 26, 43, 46, 48, 50, 54, 72, 73 | 9 |
| Poland, G. A.(105) | USA | English | Vaccine | 2013 | Editorial | Proficient experts in their field,Unbiased and ethical professionals,Self-critical professionals,Reliable professionalsAdvisors | 1, 13, 33, 35, 70 | 5 |
| Prado, A.(106) | N/A | English | Plastic and Reconstructive Surgery | 2009 | Editorial | Familiar with journal,Reliable professionals,Skilled critics,Respectful communicators,Gatekeepers,Educators | 11, 35, 43, 45, 49, 59, 64, 65 | 8 |
| Pyne, D.(107) | N/A | English | International Journal of Sports Physiology and Performance | 2011 | Editorial | Reliable professionals,Skilled critics,Advisors,Reviewers should not | 36, 41, 42, 46, 71, 73, 74 | 7 |
| Quan, S. F.(108) | USA | English | Journal of Clinical Sleep Medicine | 2014 | Editorial | Reliable professionals,Advisors | 35, 36, 70 | 3 |
| Raff, H.(109) | USA | English | Advances in Physiology Education | 2013 | Editorial | Unbiased and ethical professionals,Respectful communicators | 17, 58 | 2 |
| Ramsden, V. R.(110) | Canada | English | Canadian Family Physician | 2014 | Editorial | Proficient experts in their field,Unbiased and ethical professionals,Self-critical professionals,Reliable professionals,Skilled critics,Respectful communicators,Educators | 1, 13, 14, 15, 19, 31, 35, 38, 39, 40, 42, 46, 49, 57, 65 | 15 |
| Relman, A. S.(111) | USA | English | Western Journal of Medicine | 1990 | Commentary | Advisors,Reviewers should not | 70, 72 | 2 |
| Rennie, D.(112) | USA | English | American Journal of Diseases of Children | 1988 | Editorial | Proficient experts in their field,Unbiased and ethical professionals,Reliable professionals,Skilled critics | 1, 14, 17, 35, 43 | 5 |
| Resnick, B.(113) | USA | English | Geriatric Nursing | 2010 | Editorial | Dutiful/altruistic towards scientific community | 4, 5 | 2 |
| Reyes B, H.(114) | N/A | English | Revista Medica De Chile | 2013 | Editorial | Unbiased and ethical professionals,Reliable professionals,Skilled critics, | 13, 19, 35, 38, 42, | 6 |
| Richardson, D.(115) | N/A | English | JAVA - Journal of the Association for Vascular Access | 2006 | Editorial | Unbiased and ethical professionals,Reliable professionals,Skilled critics,Respectful communicators | 13, 14, 35, 38, 42, 57 | 5 |
| Riss, P.(116) | N/A | English | International Urogynecology Journal | 2012 | Editorial | Unbiased and ethical professionals,Reliable professionals,Skilled critics,Respectful communicators,Advisors | 13, 37, 43, 51, 57, 71 | 6 |
| Roberts, J.(117) | N/A | English | Journal of Sexual Medicine | 2008 | Editorial | Skilled critics, Gatekeepers,Reviewers should not | 43, 45, 64, 73 | 4 |
| Roberts, L. W.(118) | N/A | English | Academic Psychiatry Win | 2002 | Editorial | Proficient experts in their field,Unbiased and ethical professionals,Self-critical professionals,Reliable professionals,Skilled critics,Respectful communicators,Educators,Advisors,Reviewers should not | 1, 13, 14, 17, 19, 22, 31, 35, 42, 60, 62, 65, 66, 70, 75 | 15 |
| Rogers, L. F.(119) | USA | English | American Journal of Roentgenology | 2002 | Editorial | Skilled critics,Reviewers should not | 43, 73 | 2 |
| Sadun, A.(120) | N/A | English | Ophthalmology | 2002 | Editorial | Proficient experts in their field,Skilled critics,Respectful communicators,Advisors,Reviewers should not | 1, 42, 47, 59, 70, 75 | 6 |
| Salasche, S. J.(121) | N/A | English | Dermatologic Surgery | 1997 | Editorial | Proficient experts in their field,Unbiased and ethical professionals,Reliable professionals,Skilled critics | 1, 13, 16, 17, 26, 37, 43, 44 | 8 |
| Saper, C. B.(122) | N/A | English | Annals of Neurology | 2014 | Editorial | Reliable professionals,Skilled critics,Respectful communicators | 36, 37, 42, 50, 60 | 5 |
| Sciortino, J. E.(123) | N/A | English | Cuaj-Canadian Urological Association Journal | 2013 | Editorial | Unbiased and ethical professionals,Self-critical professionals,Reliable professionals,Skilled critics,Respectful communicators,Gatekeepers | 13, 14, 15, 16, 27, 31, 35, 36, 42, 58, 63 | 11 |
| Sellke, F. W.(124) | N/A | English | Journal of Thoracic and Cardiovascular Surgery | 2003 | Editorial | Proficient experts in their field,Unbiased and ethical professionals,Skilled critics,Respectful communicators | 1, 17, 42, 47, 57 | 5 |
| Sohail, S.(125) | N/A | English | Journal of the College of Physicians and Surgeons Pakistan | 2015 | Editorial | Proficient experts in their field,Unbiased and ethical professionals,Reliable professionals,Skilled critics | 1, 13, 36, 37, 43, 45 | 6 |
| Spolarich, A. E.(126) | USA | English | Canadian Journal of Dental Hygiene | 2014 | Editorial | Proficient experts in their field,Dutiful/altruistic towards scientific community,Familiar with journal,Reliable professionals,Skilled critics,Educators,Advisors,Reviewers should not | 1, 4, 5, 11, 35, 38, 39,42, 43, 44, 45, 47, 51, 53, 65, 70, 71, 74, 76 | 19 |
| Stein, K. F.(127) | USA | English | Journal of the American Psychiatric Nurses Association | 2014 | Editorial | Proficient experts in their field,Unbiased and ethical professionals,Self-critical professionals,Reliable professionals,Skilled critics | 1, 13, 14, 16, 17, 18, 31, 37, 42, 43, 44 | 11 |
| Swartz, M. K.(128) | N/A | English | Journal of Pediatric Health Care | 2008 | Editorial | Dutiful/altruistic towards scientific community,Familiar with journal,Unbiased and ethical professionals,Self-critical professionals,Reliable professionals,Skilled critics,Respectful communicators,Gatekeepers,Educators, | 4, 5, 12, 13, 14, 19, 25, 27, 31, 35, 42, 43, 44, 45, 48, 49, 62, 63, 65, 66 | 20 |
| Taylor, F. R.(129) | N/A | English | Headache | 2009 | Editorial | Dutiful/altruistic towards scientific community,Familiar with journal,Unbiased and ethical professionals,Self-critical professionalsReliable professionals,Skilled critics | 4, 11, 13, 15, 23, 26, 31, 32, 36, 37, 52 | 11 |
| Thombs, B. D.(130) | Canada | English | Canadian Medical Association Journal | 2012 | Editorial | Unbiased and ethical professionals,Skilled critics,Advisors | 13, 28, 43, 70 | 4 |
| Twentyman, P.(131) | UK | English | British Journal of Cancer | 1991 | Editorial | Unbiased and ethical professionals,Advisors | 14, 17, 18, 22, 71 | 4 |
| Van Norman, G. A.(132) | N/A | English | Clinical Ethics in Anesthesiology: A Case-Based Textbook | 2011 | Book chapter | Proficient experts in their field,Unbiased and ethical professionals,Skilled critics,Respectful communicators | 1, 13, 14, 15, 25, 52, 62 | 7 |
| Vintzileos, A. M.(133) | USA | English | Journal of Ultrasound in Medicine | 2010 | Editorial | Proficient experts in their field,Unbiased and ethical professionals,Reliable professionals,Skilled critics | 13, 14, 35, 36, 42, 43, 44 | 7 |
| Wagner, P.D.(134) | USA | English | Journal of Applied Physiology | 2016 | Editorial | Unbiased and ethical professionals,Reliable professionals,Skilled critics,Respectful communicators,Advisors,Reviewers should not | 13, 14, 18, 20, 21, 27, 35, 42, 47, 60,71, 74 | 12 |
| Wick, G.(135) | Austria | English | International Archives of Allergy and Immunology | 1996 | Editorial | Unbiased and ethical professionals,Skilled critics,Respectful communicators | 15, 42, 43, 59, 60 | 5 |
| Wierzbinski-Cross, H.(136) | N/A | English | Journal for Nurses in Professional Development | 2017 | Editorial | Dutiful/altruistic towards scientific community,Familiar with journal,Unbiased and ethical professionals,Self-critical professionalsReliable professionals,Skilled critics,Advisors | 4, 11, 13, 14, 16, 19, 31, 35, 36, 43, 52, 71 | 12 |
| Wilder, R. S.(137) | N/A | English | Journal of Dental Hygiene | 2014 | Editorial | Proficient experts in their field,Reliable professionals,Respectful communicators | 1, 2, 35, 38,57, 58 | 6 |
| Wolf, L. A.(138) | N/A | English | Journal of Emergency Nursing | 2016 | Editorial | Proficient experts in their field,Skilled critics | 1, 3, 43 | 3 |
| Young, S. N.(139) | Canada | English | Journal of Psychiatry & Neuroscience | 2003 | Editorial | Proficient experts in their field,Reliable professionals,Respectful communicators,Reviewers should not | 1, 37, 61, 72 | 4 |
| Zinsky, R.(140) | Germany | English | Breathe | 2014 | Editorial | Self-critical professionals,Reliable professionals,Skilled critics | 31, 37, 43 | 3 |
| **Total**  |  |  |  |  |  |  |  | 884 |

B Corresponds to item number from the list of roles (Table 3)

C Number of extracted roles statements

**Table 2** Tasks identified in book chapters, commentaries, editorials, letters, perspectives, and tutorials

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Author** | **Country** | **Language** | **Journal** | **Year** | **Design** | **Theme(s)** | **Tasks** | **# of tasks** |
| Alam, S.(1) | UK | English | BMC Medicine | 2015 | Editorial | Organization and approach to review,Methods,Discussion/Conclusion | 2, 6, 30, 38, 42, 50 | 6 |
| Allen, T. W.(2) | USA | English | The Journal of the American Osteopathic Association | 2013 | Commentary | Organization and approach to review,Make general comments, References,Address ethical aspects,Assess manuscript presentation,Provide recommendations | 3, 11, 12, 13, 14, 17, 18, 56, 57, 62, 64, 71 | 12 |
| Allen, T. W.(3) | USA | English | Bariatric Surgical Practice and Patient Care | 2014 | Editorial | Organization and approach to review, Results,Discussion/Conclusion | 9, 46, 50 | 3 |
| Andersson, K.-E.(4) | Denmark | English | The Journal of Urology | 2011 | Editorial | Make general comments,Title is accurate,Abstract, Introduction, Methods,Results,Discussion/Conclusion, References | 17, 18, 21, 22, 23, 26, 28, 31, 33, 36, 41, 45, 46, 47, 49, 50, 51, 54, 56 | 19 |
| Bacchetti, P.(5) | USA | English | BMJ | 2002 | Editorial | Organization and approach to review, Methods,Discussion/Conclusion | 2, 34, 50 | 3 |
| Baker, D. J.(6) | USA | English | Association of periOperative Registered Nurses Journal | 2015 | Editorial | Organization and approach to review, Make general comments,Provide recommendations | 5, 11, 14, 17, 70, 71, 72 | 7 |
| Bernstein, J.(7) | USA | English | Clinical Orthopaedics and Related Research | 2013 | Commentary | Make general comments,Results,Discussion/ConclusionReferences | 11, 46, 50, 56 | 4 |
| Berquist, T.(8) | USA | English | American Journal of Roentgenology | 2014 | Editorial | N/A | N/A | 0 |
| Brandon, D.(9) | USA | English | Advances in Neonatal Care | 2015 | Editorial | Make general comments,Assess manuscript presentation,Provide recommendations | 13, 62, 63, 70 | 4 |
| Brock, W. J.(10) | USA | English | International Journal of Toxicology | 2014 | Editorial | Organization and approach to review,Make general comments, Discussion/ConclusionAddress ethical aspects | 2, 11, 50, 57 | 4 |
| Byrne, R.(11) | N/A | English | EuroIntervention | 2016 | Editorial | Organization and approach to review,Make general comments,Provide recommendations | 2, 3, 10, 11, 12, 13, 17, 70 | 8 |
| Campion, E. W.(12) | N/A | English | New England Journal of Medicine | 2000 | Editorial | Make general comments,Provide recommendations | 11, 13, 15, 18, 70 | 5 |
| Carrió, I.(13) | Spain | English | European Journal of Nuclear Medicine and Molecular Imaging | 2006 | Editorial | Organization and approach to review, Make general comments,Provide recommendations | 1, 11, 15, 70 | 4 |
| Chew, F.(14) | USA | English | American Journal of Radiology | 1992 | Editorial | Organization and approach to review,Make general comments, Introduction, Methods,Discussion/Conclusion,Address ethical aspects,Provide recommendations | 3, 10, 12, 14, 26, 31, 36, 37, 50, 57, 70 | 11 |
| Christensen, N. B.(15) | N/A | English | International Journal ofUrology | 2010 | Editorial | Make general comments,Title is accurate, Methods,Abstract, Introduction, Methods,Results,Discussion/ConclusionReferences,Address ethical aspects | 11, 12, 13, 15, 17, 19, 21, 22, 26, 37, 40, 45, 50, 54, 56, 58, 67 | 17 |
| Clark, R.(16) | UK | English | British Dental Journal | 2012 | Editorial | N/A | N/A | 0 |
| Clarke, S. P.(17) | Canada | English | Canadian Journal of Nursing Research | 2006 | Editorial | Organization and approach to review | 3, 6 | 2 |
| Cotton, P.(18) | USA | English | JAMA | 1994 | Editorial | Organization and approach to review,Make general comments,Methods,Discussion/ConclusionAssess manuscript presentation | 2, 12, 17, 31, 32, 34, 36, 37, 38, 41, 42, 50, 53, 64 | 14 |
| Cowell, J. M.(19) | USA | English | The Journal of School Nursing | 2014 | Editorial | Make general comments,Methods,Assess manuscript presentation | 15, 17, 31, 43, 64 | 5 |
| Cowell, J. M.(20) | USA | English | The Journal of School Nursing | 2015 | Editorial | Organization and approach to review,Make general comments, Discussion/Conclusion | 3, 14, 51, 53 | 4 |
| Crawford, S.(21) | USA | English | Bulletin of the Medical Library Association | 1988 | Editorial | Make general comments,Methods, Discussion/ConclusionAssess manuscript presentation,Provide recommendations | 14, 15, 16, 37, 50, 51, 63, 64, 66, 70, 71 | 11 |
| Cummings, P.(22) | N/A | English | Archives of Pediatrics & Adolescent Medicine | 2002 | Editorial | Organization and approach to review, Make general comments,Title is accurate, Abstract, Introduction, Methods,Results, Discussion/ConclusionReferences,Address ethical aspects,Provide recommendations | 6, 8, 9, 17, 21, 22, 23, 26, 30, 31, 32, 45, 46, 47, 50, 52, 56, 57, 64, 65, 67, 68, 70 | 23 |
| Cusick, A.(23) | Australia | English | Australian Occupational Therapy Journal | 2016 | Editorial | Provide recommendations | 70 | 1 |
| da Cruz, I. C.(24) | Brazil | Portuguese | Online Brazilian Journal of Nursing | 2008 | Editorial | Make general comments,Title is accurate, Abstract, Introduction, Methods,Results, Discussion/ConclusionReferences,Address ethical aspects,Assess manuscript presentation,Provide recommendations | 11, 12, 13, 15, 16, 17, 21, 22, 26, 28, 30, 33, 45, 50, 51, 55, 56, 57, 63, 64, 67, 72 | 22 |
| David, B.(25) | UK | English | European Journal of Neuroscience | 2016 | Editorial | Organization and approach to review,Make general comments, Introduction, Methods,Results, Address ethical aspects, Assess manuscript presentation,Provide recommendations | 2, 3, 4, 12, 14, 16, 26, 31, 32, 33, 37, 38, 47, 57, 62, 72 | 16 |
| de Araújo, C.(26) | Brazil | English | Arquivos Brasileros de Cardiololgia | 2012 | Perspective | Organization and approach to review,Make general comments,Title is accurate, Abstract, Introduction, Methods,Results,References,Assess manuscript presentation,Provide recommendations | 3, 8, 11, 12, 16, 21, 22, 23, 25, 27, 30, 31, 33, 34, 36, 45, 46, 51, 56, 62, 63, 65, 66, 67, 68, 70, 71, 72 | 28 |
| de Hon, F.(27) | Netherlands | English | Vaccine | 2013 | Editorial | Organization and approach to review,Make general comments, Introduction, Methods,Results, Discussion/ConclusionAddress ethical aspects,Assess manuscript presentation | 1, 12, 13, 14, 16, 26, 33, 45, 50, 57, 62 | 11 |
| DeBarr, K.(28) | USA | English | Californian Journal of Health Promotion | 2007 | Editorial | Make general comments,Title is accurate, Abstract, Introduction, Methods, Discussion/ConclusionAddress ethical aspects | 15, 21, 22, 23, 26, 28, 31, 32, 34, 36, 37, 43, 50, 58 | 14 |
| Del Mar, C.(29) | Australia | English | BMC Medicine | 2015 | Tutorial | Organization and approach to review,Make general comments,Methods, Discussion/ConclusionAddress ethical aspects | 1, 4, 5, 6, 11, 17, 19, 32, 33, 36, 50, 52, 58 | 13 |
| Dinis-Ribeiro, M.(30) | Portugal | English | Endoscopy | 2013 | Editorial | Organization and approach to review, Make general comments,Abstract, Methods, Results, Discussion/ConclusionAddress ethical aspects,Assess manuscript presentation,Provide recommendations | 2, 6, 11, 12, 17, 22, 23, 34, 35, 43, 45, 46, 47, 50, 51, 57, 62, 64, 70, 71 | 20 |
| Do Vale, E. S.(31) | Brazil | Portuguese | Anais Brasileiros de Dermatologia | 2008 | Editorial | Make general comments,Assess manuscript presentation,Provide recommendations | 12, 15, 63, 71 | 4 |
| Donato, H.(32) | Portugal | English | Acta Médica Portuguesa | 2012 | Editorial | N/A | N/A | 0 |
| Drummon, A.(33) | UK | English | British Journal of Occupational Therapy | 1996 | Editorial | Title is accurate, Abstract, Introduction, Methods,Results, Discussion/ConclusionReferences,Assess manuscript presentation,Provide recommendations | 21, 22, 23, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 44, 45, 46, 48, 50, 51, 53, 54, 56, 62, 63, 64, 65, 66, 67, 68, 69, 71 | 39 |
| Dutta, M. J. (34) | USA | English | Health Communication | 2009 | Commentary | N/A | N/A | 0 |
| el-Azhary, R.(35) | N/A | English | International Journal of Dermatology | 2016 | Editorial | Provide recommendations | 70 | 1 |
| Emanuel, L.(36) | USA | English | Archives of Internal Medicine | 2005 | Editorial | Make general comments,Provide recommendations | 11, 71, 72 | 3 |
| Emden, C.(37) | Australia | English | Nursing Inquiry | 1996 | Editorial | Organization and approach to review | 5 | 1 |
| Faggion, C. M.(38) | UK | English | British Dental Journal | 2016 | Editorial | Make general comments,Provide recommendations | 11, 15, 71 | 3 |
| Fain, J. A.(39) | USA | English | The Diabetes EDUCATOR | 2011 | Editorial | Make general comments,Assess manuscript presentation | 13, 15, 16, 18, 62, 64 | 6 |
| Feinstein, A.(40) | USA | English | Journal of Clinical Epidemiology | 1989 | Editorial | N/A | N/A | 0 |
| Feldstein Ewing, S.(41) | USA | English | Evidence Based Medicine | 2015 | Perspective | Organization and approach to review,Make general comments, Discussion/Conclusion | 7, 17, 50 | 3 |
| Feldman, M. D.(42) | USA | English | Journal of Geneneral Internal Medicine | 2016 | Editorial | Organization and approach to review, Make general comments,Provide recommendations | 1, 16, 70 | 3 |
| Ferris, L.(43) | Canada | English | Journal of Child Neurology | 2010 | Editorial | Organization and approach to review, Provide recommendations | 1, 71 | 2 |
| Fisher, R.(44) | USA | English | Epilepsia | 2004 | Editorial | Introduction, Methods,Results, Discussion/ConclusionReferences,Assess manuscript presentation,Provide recommendations | 26, 27, 29, 30, 31, 32, 33, 45, 50, 51, 56, 62, 63, 68, 71 | 15 |
| Fitzpatrick, J.(45) | N/A | English | Applied Nursing Research | 2017 | Editorial | Organization and approach to review,Make general comments,Assess manuscript presentation | 2, 11, 15, 62, 64 | 5 |
| Flood, A.(46) | N/A | English | Health Services Research | 2004 | Editorial | Organization and approach to review, Introduction,Address ethical aspects,Assess manuscript presentation,Provide recommendations, Provide recommendations | 2, 4, 26, 27, 57, 62, 63, 70, 71, 72 | 10 |
| Fontes, B. M.(47) | Brazil | English | Arquivos Brasileiros de Oftalmologia | 2015 | Editorial | Organization and approach to review, Methods,Address ethical aspects | 2, 30, 38, 57 | 4 |
| Foster, R.(48) | N/A | English | Journal for Specialists in Pediatric Nursing | 2008 | Editorial | Address ethical aspects | 57 | 1 |
| Friedman, D.(49) | USA | English | American Journal of Roentgenology | 1995 | Perspective | Organization and approach to review, Make general comments, Discussion/ConclusionAssess manuscript presentation,Provide recommendations | 3, 11, 50, 69, 71, 72 | 6 |
| Furness, P.(50) | UK | English | BMJ | 1994 | Commentary | N/A | N/A | 0 |
| Gennaro, S.(51) | N/A | English | Journal of Nursing Scholarship | 2015 | Editorial | Make general comments, References,Assess manuscript presentation | 11, 13, 16, 56, 62, 64 | 6 |
| Gitanjali, B.(52) | India | English | Journal of Postgraduate Medicine | 2001 | Editorial | Address ethical aspects,Provide recommendations | 57, 59, 70 | 3 |
| Giunta, R. E.(53) | Germany | English | Handchirurgie Mikrochirurgie Plastische Chirurgie | 2012 | Editorial | Organization and approach to review, Make general comments,Title is accurate, Abstract, Introduction, Methods, Discussion/ConclusionReferences,Assess manuscript presentation,Assess manuscript presentation,Provide recommendations | 1, 12, 21, 24, 26, 27, 29, 30, 46, 51, 56, 62, 63, 65, 70 | 15 |
| Glick, M.(54) | N/A | English | Journal of the American Dental Association | 2007 | Editorial | Organization and approach to review, Methods,Provide recommendations | 2, 9, 30, 70 | 4 |
| Goldbeck-Wood, S.(55) | UK | English | BMJ | 1998 | Editorial | Make general comments,Methods, Discussion/ConclusionProvide recommendations | 12, 14, 31, 50, 70 | 5 |
| Goodlett, C.(56) | USA | English | Alcohol | 2005 | Editorial | Make general comments,Methods,Results, Discussion/Conclusion | 13, 14, 15, 30, 46, 50 | 6 |
| Gough, N. R.(57) | USA | English | Science Signaling | 2009 | Editorial | Organization and approach to review,Make general comments,Methods,Results, Discussion/ConclusionProvide recommendations | 6, 13, 33, 35, 45, 50, 70 | 7 |
| Halder, N.(58) | UK | English | Advances in Psychiatric Treatment | 2011 | Editorial | Organization and approach to review | 2, 4, 10 | 3 |
| Harms, M.(59) | USA | English | Physiotherapy | 2006 | Editorial | N/A | N/A | 0 |
| Heddle, N.(60) | Canada | English | Transfusion | 2009 | Commentary | Organization and approach to review,Make general comments, Introduction, Methods,Results, Discussion/ConclusionReferences,Assess manuscript presentation,Provide recommendations | 3, 4, 16, 26, 27, 30, 46, 50, 51, 52, 56, 63, 65, 69, 72 | 15 |
| Helton, M.(61) | USA | English | The Journal of Paediatrics | 2011 | Commentary | Make general comments,Address ethical aspects,Provide recommendations | 11, 13, 14, 57, 71 | 5 |
| Hernandez, L. V.(62) | USA | English | Gastrointestinal Endoscopy | 2009 | Commentary | Abstract, Introduction, Methods,Results, Discussion/ConclusionAssess manuscript presentation | 24, 26, 27, 30, 31, 33, 35, 36, 40, 46, 51, 62, 63 | 13 |
| Hoyt, K. S.(63) | USA | English | Advanced Emergency Nursing Journal | 2007 | Editorial | Organization and approach to review,Make general comments,Title is accurate, Abstract, Introduction,Results, Discussion/ConclusionReferences,Address ethical aspects,Assess manuscript presentation,Provide recommendations | 1, 11, 15, 18, 21, 22, 23, 26, 27, 45, 50, 51, 56, 57, 62, 63, 65, 66, 67, 68, 70, 71 | 22 |
| Isaacs, D.(64) | Australia | English | Journal of Paediatrics and Child Health | 2004 | Commentary | N/A | N/A | 0 |
| Izumi, S.(65) | USA | English | Japan Journal of Nursing Science | 2009 | Editorial | Make general comments,Assess manuscript presentation,Assess manuscript presentation,Provide recommendations | 11, 12, 14, 62, 64, 71 | 6 |
| Jacobson, R.(66) | USA | English | Academic Paediatrics | 2017 | Commentary | Organization and approach to review,Make general comments,Title is accurate, Abstract,Methods,Results, Discussion/ConclusionReferences,Address ethical aspects,Provide recommendations | 1, 6, 7, 18, 21, 24, 27, 30, 46, 51, 56, 57, 63, 67, 70 | 15 |
| Jain, A. K.(67) | India | English | Indian Journal of Orthopaedics | 2009 | Editorial | Organization and approach to review,Make general comments,Results, Discussion/ConclusionAssess manuscript presentation,Provide recommendations | 1, 13, 14, 46, 51, 63, 70 | 7 |
| Kasiske, B. L.(68) | N/A | English | American Journal of Kidney Diseases | 2005 | Editorial | Organization and approach to review,Make general comments,Methods,Results, Discussion/ConclusionAssess manuscript presentation | 1, 12, 31, 32, 36, 45, 50, 62, 66 | 9 |
| Katz, A.(69) | N/A | English | Oncology Nursing Forum | 2016 | Editorial | Make general comments, Methods, Discussion/Conclusion | 13, 14, 16, 17, 30, 50, 53 | 7 |
| Kearney, M.(70) | UK | English | Research in Nursing & Health | 2016 | Editorial | Organization and approach to review,Make general comments,Methods,Results, Discussion/Conclusion, Address ethical aspects,Assess manuscript presentation | 1,3, 4, 13, 16, 30, 31, 34, 37, 46, 50, 52, 53, 60, 66, 67,  | 16 |
| Kehrer, J. P.(71) | Canada | English | Toxicology | 2013 | Letter | Make general comments | 11, 13, 14 | 3 |
| Kotsis, S.(72) | N/A | English | Plastic and Reconstructive Surgery | 2014 | Editorial | Organization and approach to review, Make general comments, Introduction, Methods,Results, Discussion/ConclusionReferences,Address ethical aspects,Provide recommendations, Provide recommendations | 3, 4, 12, 16, 26, 27, 28, 30, 31, 32, 33, 34, 35, 36, 38, 39, 40, 41, 42, 44, 45, 46, 47, 50, 51, 52, 53, 56, 57, 69, 70, 71 | 32 |
| Kottner, J.(73) | Germany | English | International Journal of Nursing Studies | 2016 | Editorial | Organization and approach to review, Make general comments, Introduction, Methods,Results, Discussion/ConclusionReferences,Provide recommendations | 1, 2, 10, 11, 13, 14, 15, 16, 19, 26, 27, 30, 45, 47, 50, 56, 70, 71 | 18 |
| Krome, R. L.(74) | N/A | English | Annals of Emergency Medicine | 1983 | Editorial | Make general comments,Abstract, Introduction, Methods,Results, Discussion/ConclusionReferences,Provide recommendations | 11, 12, 24, 27, 30, 45, 46, 51, 56, 70, 71, 72 | 12 |
| Landauer, A.(75) | Australia | English | Australian Drug and Alcohol Review | 1987 | Editorial | Make general comments, Introduction, Methods, Discussion/ConclusionReferences,Address ethical aspects,Assess manuscript presentation,Provide recommendations | 12, 14, 17, 27, 31, 47, 50, 56, 57, 62, 63, 70, 71 | 13 |
| Lau, D.(76) | N/A | English | Canadian Journal of Diabetes | 2016 | Editorial | Make general comments, Discussion/ConclusionProvide recommendations | 11, 12, 13, 16, 36, 50, 70, 72 | 8 |
| Lichter, P. R.(77) | N/A | English | Ophthalmology | 1993 | Editorial | Abstract, Introduction, Methods, Results, Discussion/Conclusion, References, Assess manuscript presentation, | 24, 26, 27, 28, 29, 30, 32, 35, 36, 37, 38, 45, 46, 47, 49, 50, 51, 54, 56, 63, 65 | 21 |
| Lowe, N.(78) | N/A | English | Journal of Obstetric, Gynecologic, & Neonatal Nursing | 2007 | Editorial | N/A | N/A | 0 |
| Luscher, T.(79) | USA | English | Journal of the American College of Cardiology | 2016 | Letter | Make general comments,Methods, Discussion/Conclusion | 13, 14, 31, 32, 35, 50 | 6 |
| Mackenzie, L.(80) | Australia | English | Australian Occupational Therapy Journal | 2006 | Editorial | Organization and approach to review, Provide recommendations | 5, 70 | 2 |
| Mannis, M. J.(81) | N/A | English | Cornea | 1997 | Editorial | N/A | N/A | 0 |
| Manske, P.(82) | N/A | English | The Journal of Hand Surgery | 1997 | Commentary | Provide recommendations | 70 | 1 |
| Martin-Sanchez, F.(83) | Spain | English | Emergencias | 2012 | Editorial | N/A | N/A | 0 |
| Marušić, M.(84) | Croatia | English | Croatian Medical Journal | 2005 | Editorial | Title is accurate, Abstract, Introduction, Methods,Results, Discussion/ConclusionAddress ethical aspects | 21, 24, 27, 30, 46, 51, 57 | 7 |
| Merell, R.(85) | N/A | English | Telemedicine and E-Health | 2007 | Editorial | Make general comments,Methods, Discussion/ConclusionAssess manuscript presentation | 17, 31, 53, 65, 66 | 5 |
| Minion, D.(86) | N/A | English | Journal of Vascular Surgery | 2007 | Editorial | Make general comments,Address ethical aspects,Provide recommendations | 11, 12, 57, 70, 71 | 5 |
| Moher, D.(87) | Canada | English | BMC Medicine | 2015 | Tutorial | N/A | N/A | 0 |
| Moher, D.(88) | Canada | English | Peer review in Medical Science | 2003 | Book chapter | Organization and approach to review, Make general comments, Discussion/ConclusionAssess manuscript presentation,Provide recommendations | 1, 3, 5, 7, 8, 10, 12, 50, 63, 64, 70, 71 | 12 |
| Moore, K. N.(89) | N/A | English | Journal of Wound, Ostomy, & Continence Nursing | 2005 | Editorial | Make general comments,Methods,Results, Discussion/ConclusionAddress ethical aspects | 11, 17, 34, 35, 38, 46, 48, 50, 51, 59, 61 | 11 |
| Morse, J. M. (90) | USA | English | Qualitative Health Research | 2014 | Editorial | Provide recommendations | 70 | 1 |
| Muir-Cochrane, E.(91) | N/A | English | Nursing & Health Sciences | 2013 | Editorial | Organization and approach to review, Assess manuscript presentation | 3, 7, 64, 66 | 4 |
| Nelson, C. A.(92) | USA | English | Dermatologic Clinics | 2009 | Editorial | Organization and approach to review, Abstract, Introduction, Methods,Results,References,Address ethical aspects,Provide recommendations | 1, 4, 16, 18, 22, 23, 25, 26, 27, 28, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 44, 45, 46, 48, 49, 50, 51, 52, 56, 57, 58, 71 | 35 |
| Newell, F. W.(93) | USA | English | American Journal of Ophthalmology | 1990 | Editorial | Make general comments,Methods,Results,References,Assess manuscript presentation,Provide recommendations | 11, 12, 13, 14, 16, 30, 33, 34, 36, 45, 49, 50, 56, 62, 63, 66, 71 | 17 |
| Nexoe, J.(94) | Denmark | English | Scandinavian Journal of Primary Health Care | 2014 | Editorial | N/A | N/A | 0 |
| Olson, C. M.(95) | N/A | English | American Journal of Emergency Medicine | 1990 | Editorial | Make general comments, Discussion/ConclusionAssess manuscript presentation,Provide recommendations | 11, 12, 14, 18, 50, 63, 71 | 7 |
| Oman, K.(96) | USA | English | Journal of Emergency Nursing | 2009 | Editorial | Organization and approach to review,Make general comments,Assess manuscript presentation,Provide recommendations, Provide recommendations | 1, 3, 13, 15, 18, 62, 70, 71, 72 | 9 |
| Pearson, G. S. | USA | English | Journal of the American Psychiatric Nurses Association | 2016 | Editorial | Make general comments,Methods,Results, Discussion/ConclusionAddress ethical aspects,Provide recommendations | 12, 15, 16, 17, 32, 36, 43, 45, 47, 50, 53, 57, 71 | 13 |
| Peh, W.C.G.(98) | Singapore | English | Singapore Medical Journal | 2009 | Editorial | Organization and approach to review,Title is accurate, Abstract,Methods,Results, Discussion/ConclusionReferences,Assess manuscript presentation,Provide recommendations | 1, 2, 3, 8, 21, 24, 27, 28, 30, 46, 51, 56, 62, 63, 71 | 15 |
| Perkins, D.(99) | Australia | English | Australian Journal of Rural Health | 2009 | Editorial | N/A | N/A | 0 |
| Pierson, C. A.(100) | N/A | English | Journal of the American Association of Nurse Practitioners | 2014 | Editorial | Make general comments, Introduction, Methods, Results, Discussion/Conclusion, Address ethical aspects, Provide recommendations, | 13, 14, 16, 26, 27, 28, 30, 32, 33, 34, 36, 38, 45, 50, 51, 53, 57, 71, | 18 |
| Pierson, C. A.(101) | N/A | English | Journal of the American Association of Nurse Practitioners | 2015 | Editorial | Make general comments,Methods,Address ethical aspects | 13, 16, 38, 57, 60 | 5 |
| Pierson, C. A.(102) | N/A | English | Journal of the American Association of Nurse Practitioners | 2016 | Editorial | Introduction, Methods, Discussion/Conclusion | 26, 27, 28, 30, 50, 51, 54 | 7 |
| Pietrzak, W. S.(103) | N/A | English | Journal of Craniofacial Surgery | 2010 | Editorial | Organization and approach to review, Make general comments,Title is accurate, Abstract, Introduction, Methods,Results, Discussion/ConclusionReferences,Address ethical aspects,Assess manuscript presentation,Provide recommendations | 3, 7, 12, 14, 21, 24, 27, 30, 45, 46, 51, 56, 57, 62, 65, 66, 67, 68, 70, 71, 72 | 21 |
| Polak, J. F.(104) | USA | English | American Journal of Roentgenology | 1995 | Perspective | Organization and approach to review, Abstract, Introduction,Results, Discussion/ConclusionReferences,Provide recommendations | 3, 24, 27, 30, 45, 46, 51, 56, 70 | 9 |
| Poland, G. A.(105) | USA | English | Vaccine | 2013 | Editorial | Make general comments,Methods,References,Address ethical aspects,Provide recommendations | 12, 13, 17, 56, 57, 59, 71 | 7 |
| Prado, A.(106) | N/A | English | Plastic and Reconstructive Surgery | 2009 | Editorial | Make general comments,Methods, Discussion/ConclusionAddress ethical aspects,Assess manuscript presentation,Provide recommendations | 11, 12, 13, 14, 31, 50, 57, 64, 65, 67, 70 | 11 |
| Pyne, D.(107) | N/A | English | International Journal of Sports Physiology and Performance | 2011 | Editorial | Organization and approach to review, Make general comments,Methods,Results,Provide recommendations | 8, 11, 12, 15, 16, 31, 35, 45, 66, 72 | 10 |
| Quan, S. F.(108) | USA | English | Journal of Clinical Sleep Medicine | 2014 | Editorial | Make general comments,Assess manuscript presentation | 11, 13, 62 | 3 |
| Raff, H.(109) | USA | English | Advances in Physiology Education | 2013 | Editorial | N/A | N/A | 0 |
| Ramsden, V. R.(110) | Canada | English | Canadian Family Physician | 2014 | Editorial | N/A | N/A | 0 |
| Relman, A. S.(111) | USA | English | Western Journal of Medicine | 1990 | Commentary | Make general comments,Methods | 12, 14, 30, 31, 32 | 5 |
| Rennie, D.(112) | USA | English | American Journal of Diseases of Children | 1988 | Editorial | N/A | N/A | 0 |
| Resnick, B.(113) | USA | English | Geriatric Nursing | 2010 | Editorial | Organization and approach to review, Abstract,Methods,Results, Discussion/ConclusionReferences,Address ethical aspects,Assess manuscript presentation | 1, 3, 22, 30, 35, 45, 46, 48, 50, 51, 56, 57, 63 | 13 |
| Reyes B, H.(114) | N/A | English | Revista Medica De Chile | 2013 | Editorial | N/A | N/A | 0 |
| Richardson, D.(115) | N/A | English | JAVA - Journal of the Association for Vascular Access | 2006 | Editorial | N/A | N/A | 0 |
| Riss, P.(116) | N/A | English | International Urogynecology Journal | 2012 | Editorial | Organization and approach to review, Abstract, Introduction, Methods,Results,Provide recommendations | 1, 3, 8, 24, 27, 30, 46, 51, 70 | 9 |
| Roberts, J.(117) | N/A | English | Journal of Sexual Medicine | 2008 | Editorial | Make general comments, Methods, Results, Address ethical aspects, Provide recommendations | 12, 35, 38, 49, 60, 70 | 6 |
| Roberts, L. W.(118) | N/A | English | Academic Psychiatry Win | 2002 | Editorial | Make general comments,Title is accurate, Abstract, Introduction, Methods,Results, Discussion/ConclusionReferences,Address ethical aspects,Assess manuscript presentation | 15, 16, 20, 21, 24, 26, 29, 31, 33, 34, 35, 36, 46, 50, 51, 56, 57, 63, | 18 |
| Rogers, L. F.(119) | USA | English | American Journal of Roentgenology | 2002 | Editorial | Make general comments,Methods,Results, Discussion/ConclusionReferences,Assess manuscript presentation,Provide recommendations | 13, 17, 33, 34, 45, 50, 56, 62, 70, 72 | 10 |
| Sadun, A.(120) | N/A | English | Ophthalmology | 2002 | Editorial | Make general comments,Methods, Discussion/Conclusion | 11, 38, 51, 55 | 4 |
| Salasche, S. J.(121) | N/A | English | Dermatologic Surgery | 1997 | Editorial | Make general comments,Provide recommendations | 11, 12, 13, 70 | 4 |
| Saper, C. B.(122) | N/A | English | Annals of Neurology | 2014 | Editorial | Organization and approach to review,Make general comments,Address ethical aspects,Assess manuscript presentation | 3, 4, 7, 14, 57, 62, 65, 66 | 8 |
| Sciortino, J. E.(123) | N/A | English | Cuaj-Canadian Urological Association Journal | 2013 | Editorial | Organization and approach to review, Methods, Discussion/Conclusion | 1, 31, 35, 50 | 4 |
| Sellke, F. W.(124) | N/A | English | Journal of Thoracic and Cardiovascular Surgery | 2003 | Editorial | Methods, Results, Discussion/ConclusionAddress ethical aspects | 30, 46, 50, 57 | 4 |
| Sohail, S.(125) | N/A | English | Journal of the College of Physicians and Surgeons Pakistan | 2015 | Editorial | N/A | N/A | 0 |
| Spolarich, A. E.(126) | USA | English | Canadian Journal of Dental Hygiene | 2014 | Editorial | Organization and approach to review, Make general comments,Results, Discussion/ConclusionReferences,Assess manuscript presentation,Provide recommendations | 1, 13, 45, 50, 56, 64, 68, 69, 70, 71 | 10 |
| Stein, K. F.(127) | USA | English | Journal of the American Psychiatric Nurses Association | 2014 | Editorial | Organization and approach to review, Methods | 7, 30 | 2 |
| Swartz, M. K.(128) | N/A | English | Journal of Pediatric Health Care | 2008 | Editorial | Organization and approach to review,Make general comments,Address ethical aspects,Assess manuscript presentation | 1, 5, 11, 12, 15, 57, 63 | 7 |
| Taylor, F. R.(129) | N/A | English | Headache | 2009 | Editorial | Make general comments,Assess manuscript presentation | 11, 12, 14, 64 | 4 |
| Thombs, B. D.(130) | Canada | English | Canadian Medical Association Journal | 2012 | Editorial | N/A | N/A | 0 |
| Twentyman, P.(131) | UK | English | British Journal of Cancer | 1991 | Editorial | Organization and approach to review, Results, Discussion/ConclusionReferences,Assess manuscript presentation | 4, 45, 50, 56, 65 | 5 |
| Van Norman, G. A.(132) | N/A | English | Clinical Ethics in Anesthesiology: A Case-Based Textbook | 2011 | Book chapter | N/A | N/A | 0 |
| Vintzileos, A. M.(133) | USA | English | Journal of Ultrasound in Medicine | 2010 | Editorial | Organization and approach to review,Make general comments,Methods, Discussion/ConclusionAddress ethical aspects | 2, 16, 26, 30, 31, 32, 34, 35, 39, 40, 50, 51, 52, 53, 54, 57, 58 | 17 |
| Wagner, P.D. (134) | USA | English | Journal of Applied Physiology | 2016 | Editorial | Address ethical aspects | 57 | 1 |
| Wick, G.(135) | Austria | English | International Archives of Allergy and Immunology | 1996 | Editorial | Make general comments | 11, 12, 13 | 3 |
| Wierzbinski-Cross, H.(136) | N/A | English | Journal for Nurses in Professional Development | 2017 | Editorial | Make general comments, Abstract, Introduction, Methods, Results, Discussion/Conclusion, References, Assess manuscript presentation, Provide recommendations, | 11, 15, 16, 17, 18, 22, 26, 29, 31, 32, 34, 45, 51, 56, 62, 65, 66, 68, 69, 70, 71 | 21 |
| Wilder, R. S.(137) | N/A | English | Journal of Dental Hygiene | 2014 | Editorial | Methods, Discussion/ConclusionReferences,Assess manuscript presentation | 35, 53, 56, 66 | 4 |
| Wolf, L. A.(138) | N/A | English | Journal of Emergency Nursing | 2016 | Editorial | Make general comments,Methods,Results,Assess manuscript presentation | 17, 33, 34, 37, 43, 44, 46, 66, 67 | 9 |
| Young, S. N. (139) | Canada | English | Journal of Psychiatry & Neuroscience | 2003 | Editorial | Methods | 30, 33 | 2 |
| Zinsky, R.(140) | Germany | English | Breathe | 2014 | Editorial | Organization and approach to review, Make general comments, Introduction, Methods | 1, 3, 4, 13, 27, 30 | 6 |
| **Total**  |  |  |  |  |  |  |  | 1085 |

B Corresponds to item number from the list of tasks (Table 4)

C Number of extracted task statements

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