**Supplementary Digital Content 2** - Anesthesia and intensive care journals with the corresponding number of articles with retracted citations and the number of published articles in the time period studied

| Journal | Number of article with retracted citation | Scopus coverage | Number of published articles in the database (up to 21/04/2022) |
| --- | --- | --- | --- |
| AANA Journal | 2 | From 1973 to present | 2741 |
| Acta Anaesthesiologica Belgica | 2 | from 1950 to 1951, from 1959 to 1961, from 1963 to 2018 | 2242 |
| Acta Anaesthesiologica Scandinavica | 7 | from 1957 to Present | 10581 |
| Advances in Anesthesia | 1 | from 2003 to 2021 | 220 |
| Anaesthesia | 1 | from 1947 to Present | 24517 |
| Anaesthesia and Intensive Care | 4 | from 1972 to Present | 7285 |
| Anaesthesia, pain and intensive care | 12 | from 2009 to Present | 1204 |
| Anaesthesiology | 5 | from 1945 to Present | 26337 |
| Anaesthesiology and intensive Care | 1 | from 2002 to 2020 | 639 |
| Anaesthesiology Intensive Therapy | 4 | from 2012 to 2021 | 681 |
| Anaesthesist | 1 | from 1952 to Present | 9093 |
| Anasthesiologie Intensivmedizin Notfallmedizin Schmerztherapie | 2 | from 1980 to Present | 4416 |
| Anasthesiologie und Intensivmedizin | 2 | from 1978 to Present | 2869 |
| Anestezi Dergisi | 8 | from 2002 to Present | 1010 |
| Anesteziologie a Intenzivni Medicina | 1 | from 2003 to Present | 1094 |
| Anesthesia and Analgesia | 17 | 1927, from 1957 to Present | 27438 |
| Anesthesiology and Pain Medicine | 8 | from 2011 to Present | 811 |
| Anesthesiology Clinics | 2 | from 2007 to Present | 962 |
| Anesthesiology Research and Practice | 2 | from 2008 to Present | 289 |
| Annals of Cardiac Anaesthesia | 2 | from 2007 to Present | 1490 |
| Annals of Intensive Care | 1 | from 2011 to Present | 1105 |
| Best Practice and Research: Clinical Anaesthesiology | 2 | from 2000 to Present | 1004 |
| BMC Anesthesiology | 9 | from 2001 to Present | 1987 |
| Bolest | 1 | from 2001 to 2016 | 468 |
| British Journal of Anaesthesia | 13 | from 1923 to Present | 23,373 |
| Burns | 2 | from 1974 to Present | 8013 |
| Canadian Journal of Anaesthesia | 2 | from 1987 to Present | 9616 |
| Chest | 1 | from 1970 to Present | 39498 |
| Chinese Critical Care Medicine | 1 | from 2003 to 2016 | 2485 |
| Clinical Journal of Pain | 2 | from 1985 to Present | 3316 |
| Clinical Nutrition | 3 | from 1982 to Present | 6050 |
| CPD Anaesthesia | 1 | from 2000 to 2007, from 2009 to 2012 | 270 |
| Critical Care | 4 | from 1998 to Present | 8709 |
| Critical Care Clinics | 1 | from 1985 to Present | 2027 |
| Critical Care Medicine | 3 | from 1973 to Present | 24721 |
| Critical Care Research and Practice | 1 | from 2012 to Present | 370 |
| Current Opinion in Anaesthesiology | 3 | from 1994 to Present | 3125 |
| Current opinion in Critical Care | 1 | from 1996 to Present | 2505 |
| Current Pain and Headache Reports | 3 | from 2001 to Present | 1565 |
| DOLOR | 1 | from 1995 to 2019 | 667 |
| Douleur et Analgesie | 2 | from 1988 to 2021 | 1081 |
| Douleurs | 1 | from 2001 to Present | 1214 |
| Egyptian Journal of Anaesthesia | 10 | from 2003 to Present | 1088 |
| European Journal of Anesthesiology | 12 | from 1984 to Present | 5863 |
| European Journal of Pain | 1 | from 1997 to Present | 3204 |
| Gogus-Kalp-Damar Anestezi ve Yogun Bakim Dernegi Dergisi | 3 | from 2003 to 2017 | 408 |
| ICU Director | 1 | from 2010 to 2013 | 177 |
| Indian Journal of Anaesthesia | 8 | from 2010 to Present | 2725 |
| International Anesthesiology Clinics | 5 | from 1962 to Present | 2856 |
| International Journal of Obstetric Anesthesia | 1 | from 1991 to Present | 2740 |
| Japanese Journal of Anesthesiology | 10 | from 1965 to 2016, 2018 | 12473 |
| Journal of Anaesthesiology Clinical Pharmacology | 24 | from 1996 to 1999, from 2002 to 2021 | 3157 |
| Journal of Anesthesia | 5 | from 1987 to Present | 4010 |
| Journal of Anesthesia and Clinical Research | 2 | from 2010 to 2014 | 332 |
| Journal of cardiothoracic and vascular anesthesia | 18 | from 1991 to Present | 9535 |
| Journal of Cellular and Molecular Anesthesia | 1 | from 2016 to Present | 247 |
| Journal of Clinical Anesthesia | 20 | from 1988 to Present | 6430 |
| Journal of Clinical Monitoring and Computing | 7 | from 1997 to 2000, 2002, from 2004 to Present | 2205 |
| Journal of Critical Care | 1 | from 1986 to Present | 4516 |
| Journal of Intensive Care | 2 | from 2013 to Present | 631 |
| Journal of Intensive Care Medicine | 3 | from 1986 to Present | 2164 |
| Journal of Japanese Dental Society of Anesthesiology | 2 | from 1993 to 2017 | 1600 |
| Journal of Neurosurgical Anesthesiology | 1 | from 1989 to Present | 2605 |
| Journal of Pain | 1 | from 2000 to Present | 2779 |
| Journal of Pain and Palliative Care Pharmacotherapy | 1 | from 2002 to Present | 1379 |
| Journal of Pain Research | 4 | 2002, from 2009 to Present | 2270 |
| Journal of the Intensive Care Society | 1 | from 2010 to Present | 1146 |
| Journal of Trauma and Acute Care Surgery | 2 | from 2012 to Present | 4842 |
| Jurnalul Roman de Anestezie Terapie Intensiva/Romanian Journal of Anaesthesia and Intensive Care | 1 | from 2009 to 2014 | 122 |
| Korean Journal of Anesthesiology | 11 | from 2010 to Present | 1933 |
| Korean Journal of Pain | 1 | from 2011 to Present | 570 |
| Medical Gas Research | 2 | from 2011 to Present | 333 |
| Medicina Intensiva | 3 | from 1988 to Present | 3581 |
| Middle East Journal of Anesthesiology | 3 | from 1974 to 1975, from 1978 to 2021 | 1672 |
| Minerva Anestesiologica | 5 | from 1953 to Present | 9780 |
| Neuromodulation | 1 | from 1998 to Present | 3001 |
| Paediatric Anaesthesia | 7 | from 1991 to Present | 6313 |
| Pain | 1 | from 1975 to Present | 11713 |
| Pain Medicine | 1 | from 2000 to Present | 4911 |
| Pain Physician | 4 | from 1999 to Present | 2685 |
| Pain Practice | 3 | from 2004 to Present | 1568 |
| Pain Research and Management | 3 | from 1996 to Present | 1352 |
| Pain Research and Treatment | 1 | from 2010 to 2019 | 248 |
| Patient safety in surgery | 1 | from 2010 to Present | 463 |
| Pediatric Critical Care Medicine | 2 | from 2000 to Present | 5059 |
| Praticien en Anesthesie Reanimation | 3 | from 2006 to Present | 1054 |
| Regional Anesthesia and Pain Medicine | 4 | from 1998 to Present | 4208 |
| Revista Brasileira de Anestesiologia | 8 | from 1960 to 1982, from 1994 to Present | 3685 |
| Revista Chilena de Anestesia | 1 | from 2008 to Present | 657 |
| Revista Colombiana de Anestesiologia | 2 | from 2008 to 2017 | 589 |
| Revista de la Sociedad Espanola del Dolor | 1 | from 1999 to 2021 | 1480 |
| Revista Espanola de Anestesiologia y Reanimacion | 4 | from 1963 to 1965, from 1967 to Present | 6094 |
| Revista mexicana de Anestesiologìa | 4 | from 1984 to Present | 2221 |
| Romanian Journal of Anaesthesia and Intensive Care | 1 | from 2014 to 2019 | 116 |
| Saudi journal of Anaesthesia | 11 | from 2011 to Present | 1628 |
| Scandinavian Journal of Pain | 1 | from 2010 to Present | 1046 |
| Seminars in Anesthesia, Perioperative Medicine and Pain | 1 | 1995, from 2002 to 2007 | 242 |
| Seminars in Cardiothoracic and Vascular Anesthesia | 2 | from 1997 to Present | 981 |
| Shock | 2 | from 1994 to Present | 5505 |
| Signa Vitae | 1 | from 2008 to Present | 725 |
| Southern African Journal of Anaesthesia and Analgesia | 3 | from 2008 to 2021 | 876 |
| Tanaffos | 1 | from 2006 to 2021 | 769 |
| Techniques in Regional Anesthesia and Pain Management | 1 | from 1997 to 2015 | 635 |
| Trauma (United Kingdom) | 1 | from 1999 to Present | 947 |
| Trends in Anaesthesia and Critical Care | 2 | from 2011 to Present | 648 |
| Ulusal Travma ve Acil Cerrahi Dergisi | 1 | from 2003 to 2004, from 2006 to Present | 1733 |
| Zhonghua Wei Zhong Bing Ji Jiu Yi Xue | 1 | from 2013 to 2021 | 2144 |