**Supplemental Table 3: Changes in Metrics By Journal Between the Two Time Periods.** Data presented as median (25-75% IQR)

|  |  |  |  |
| --- | --- | --- | --- |
| **Journal** | **2007-2011** | **2012-2016** | **p-value** |
| **American Journal of Respiratory and Critical Care Medicine** |
| Total Citations | 44,997 (41,888-45,837) | 51,902 (50,638-54,919) | 0.01 |
| IF | 10.2 (9.4-10.9) | 13.0 (11.5-13.2) | 0.02 |
| EF | 0.12 (0.10-0.12) | 0.09 (0.09-0.10) | 0.01 |
| Altmetric Attention Score | 333 (198-538) | 3390 (1,795-7,695) | 0.01 |
| **American Journal of Respiratory Cell and Molecular Biology** |
| Total Citations | 9,930 (9,402-10,306) | 11,266 (10,871-11,310) | 0.02 |
| IF | 4.5 (4.4-4.9) | 4.1 (4.0-4.1) | 0.01 |
| EF | 0.03 (0.03-0.03) | 0.02 (0.02-0.02) | 0.01 |
| Altmetric Attention Score | 48 (23-56) | 585 (202-873) | 0.01 |
| **Annals of Allergy, Asthma, and Immunology** |
| Total Citations | 5,395 (5,113-5,504) | 5,748 (5,521-6,658) | 0.06 |
| IF | 2.5 (2.3-2.8) | 3.4 (2.7-3.6) | 0.09 |
| EF | 0.01 (0.01-0.01) | 0.01 (0.01-0.01) | 0.01 |
| Altmetric Attention Score | 50 (28-157) | 2,063 (1,390-2,278) | 0.01 |
| **Chest** |
| Total Citations | 41,594 (38,394-42,194) | 45,169 (44,755-47,371) | 0.01 |
| IF | 5.3 (4.6-6.4) | 6.1 (6.0-7.3) | 0.17 |
| EF | 0.11 (0.09-0.11) | 0.07 (0.07-0.08) | 0.01 |
| Altmetric Attention Score | 252 (199-446) | 6194 (2,027-9,216) | 0.01 |
| **Critical Care Medicine** |
| Total Citations | 28,896 (26,115-30,317) | 33,784 (32,933-37,418) | 0.01 |
| IF | 6.3 (6.3-6.5) | 6.3 (6.1-7.2) | 1.00 |
| EF | 0.08 (0.08-0.08) | 0.06 (0.06-0.07) | 0.01 |
| Altmetric Attention Score | 169 (137-382) | 7,645 (4,187-11,931) | 0.01 |
| **Current Opinion in Critical Care** |
| Total Citations | 1,803 (1,550-2,043) | 2,513 (2,459-2,886) | 0.01 |
| IF | 2.7 (2.5-3.1) | 3.0 (2.7-3.2) | 0.40 |
| EF | 0.01 (0.01-0.01) | 0.01 (0.01-0.01) | 0.06 |
| Altmetric Attention Score | 8 (5-54) | 728 (503-945) | 0.01 |
| **Pediatric Critical Care Medicine** |
| Total Citations | 1,803 (1,611-2,392) | 3,372 (3,008-4,580) | 0.02 |
| IF | 2.5 (2.3-3.0) | 2.4 (2.3-3.1) | 0.62 |
| EF | 0.01 (0.01-0.01) | 0.01 (0.01-0.01) | 0.11 |
| Altmetric Attention Score | 20 (12-110) | 1,080 (878-1,909) | 0.01 |
| **Pediatric Pulmonology** |
| Total Citations | 4,483 (4,182-4,638) | 5,474 (5,144-5,966) | 0.01 |
| IF | 2.2 (1.8-2.4) | 2.7 (2.3-2.8) | 0.04 |
| EF | 0.01 (0.01-0.01) | 0.01 (0.01-0.01) | 0.04 |
| Altmetric Attention Score | 30 (17-110) | 885 (793-958) | 0.01 |
| **Respiratory Care** |
| Total Citations | 1,757 (1,592-2,152) | 3,256 (2,741-4,049) | 0.02 |
| IF | 1.5 (1.5-1.9) | 1.8 (1.8-2.0) | 0.18 |
| EF | 0.01 (0.00-0.01) | 0.01 (0.01-0.01) | 0.04 |
| Altmetric Attention Score | 4 (3-34) | 609 (270-863) | 0.02 |