

# Chemistry Analytical

## Legend

|                    |   |
|--------------------|---|
| <b>No.</b>         | The row number of the journals in the result table.   |
| <b>Journal</b>     | The name of the journal.  |
| <b>Rank, PII</b>   | The rank of journal among all journals based on PII.  |
| <b>JII</b>         | Journal Influence Index, the score of the journal calculated by our method, the bigger the more impactful.  |
| <b>PII</b>         | Paper Influence Index, the JII divided by Article Number multiplied by 1000.  |
| <b>B2(2005)</b>    | The average number of citations received by papers published in the journal in the 2 preceding years before 2005 (2004,2003) from all the papers published in 2005. |
| <b>B4(2005)</b>    | The average number of citations received by papers published in the journal in the 4 preceding years before 2005 (2004-2001) from all the papers published in 2005. |
| <b>B6(2005)</b>    | The average number of citations received by papers published in the journal in the 6 preceding years before 2005 (2004-1999) from all the papers published in 2005. |
| <b>Rank, JII %</b> | The rank percentage based on JII ( Division of JII on the highest JII value) X 100  |

| No. | Journal   | Rank, PII | JII    | PII    | B2    | B4    | B6    | Rank, JII % |
|-----|---|-----------|--------|--------|-------|-------|-------|-------------|
|     | ANALISIS  | 7290      | N/A    | N/A    |       |       |       | N/A         |
|     | SEPARATION AND PURIFICATION METHODS                   | 7312      | N/A    | N/A    |       |       |       | N/A         |
|     | JOURNAL OF MICROCOLUMN SEPARATIONS                    | 7315      | N/A    | N/A    |       |       |       | N/A         |
|     | HRC-JOURNAL OF HIGH RESOLUTION CHROMATOGRAPHY         | 7316      | N/A    | N/A    |       |       |       | N/A         |
|     | FRESENIUS JOURNAL OF ANALYTICAL CHEMISTRY             | 7320      | N/A    | N/A    |       |       |       | N/A         |
|     | FIELD ANALYTICAL CHEMISTRY AND TECHNOLOGY             | 7322      | N/A    | N/A    |       |       |       | N/A         |
|     | SEPARATION AND PURIFICATION METHODS                   | 7800      | N/A    | N/A    |       |       |       | N/A         |
|     | QUIMICA ANALITICA                                     | 7801      | N/A    | N/A    |       | 0     | 0     | N/A         |
|     | JOURNAL OF TRACE AND MICROPROBE TECHNIQUES            | 7803      | N/A    | N/A    | 0.65  | 0.82  | 0.77  | N/A         |
|     | ELECTROANALYTICAL CHEMISTRY                           | 7804      | N/A    | N/A    |       |       |       | N/A         |
| 1   | ANALYTICAL CHEMISTRY                                  | 722       | 180.56 | 181.88 | 11.11 | 11.62 | 10.74 | 100         |
| 2   | ANALYTICAL BIOCHEMISTRY                               | 403       | 129.99 | 281.67 | 5.26  | 5.42  | 5.53  | 71.99268941 |
| 3   | JOURNAL OF CHROMATOGRAPHY A                           | 1722      | 89.9   | 78.6   | 6.15  | 6.34  | 6.13  | 49.78954364 |
| 4   | JOURNAL OF ELECTROANALYTICAL CHEMISTRY                | 1245      | 48.41  | 112.64 | 4.41  | 4.89  | 4.8   | 26.81103234 |
| 5   | ANALYTICA CHIMICA ACTA                                | 2306      | 44.91  | 55.12  | 5.45  | 5.68  | 5.45  | 24.87261852 |
| 6   | ELECTROPHORESIS                                       | 1495      | 44.82  | 93.14  | 7.6   | 7.78  | 7.84  | 24.82277359 |
| 7   | JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIE... | 2520      | 29.61  | 49.35  | 4.69  | 4.82  | 4.41  | 16.39898095 |
| 8   | SENSORS AND ACTUATORS B-CHEMICAL                      | 2459      | 25.66  | 51.06  | 5.05  | 5.67  | 5.43  | 14.21134249 |

| No. | Journal   | Rank, PII | JII   | PII   | B2   | B4   | B6   | Rank, JII % |
|-----|---|-----------|-------|-------|------|------|------|-------------|
| 9   | RAPID COMMUNICATIONS IN MASS SPECTROMETRY             | 2212      | 22.07 | 58.41 | 6    | 5.78 | 5.27 | 12.22308374 |
| 10  | ANALYST   | 1693      | 19.34 | 80.24 | 5.54 | 6.16 | 6.18 | 10.71112096 |
| 11  | JOURNAL OF THE AMERICAN SOCIETY FOR MASS SPECTROME... | 1442      | 17.16 | 97.07 | 7.05 | 6.99 | 6.52 | 9.503766061 |
| 12  | TALANTA   | 3228      | 16.01 | 34.54 | 4.72 | 5.05 | 4.68 | 8.866858662 |
| 13  | BIOSENSORS & BIOELECTRONICS                           | 2342      | 13.01 | 54.05 | 6.64 | 6.2  | 5.35 | 7.205361099 |
| 14  | THERMOCHIMICA ACTA                                    | 3324      | 12.96 | 32.95 | 2.42 | 2.43 | 2.49 | 7.177669473 |
| 15  | JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY             | 2425      | 11.3  | 51.82 | 7.19 | 6.13 | 5.78 | 6.258307488 |
| 16  | JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS     | 4068      | 10.34 | 22.74 | 3.68 | 3.41 | 3.08 | 5.726628268 |
| 17  | ELECTROANALYSIS                                       | 3251      | 8.88  | 34.23 | 4.31 | 4.44 | 3.99 | 4.918032787 |
| 18  | ANALYTICAL AND BIOANALYTICAL CHEMISTRY                | 4706      | 7.99  | 15.34 | 5.14 | 3.61 | 2.41 | 4.425121843 |
| 19  | CHEMOMETRICS AND INTELLIGENT LABORATORY SYSTEMS       | 1723      | 7.03  | 78.54 | 3.39 | 4.35 | 4.3  | 3.893442623 |
| 20  | COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS     | 3635      | 6.26  | 28.53 | 0.86 | 1.12 | 1.19 | 3.466991582 |
| 21  | CHROMATOGRAPHIA                                       | 4040      | 5.92  | 23.08 | 1.99 | 2.03 | 1.92 | 3.278688525 |
| 22  | JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY           | 4837      | 5.77  | 13.93 | 2.8  | 2.41 | 2.04 | 3.195613646 |
| 23  | ANALYTICAL SCIENCES                                   | 4423      | 5.74  | 18.34 | 2.49 | 2.83 | 2.41 | 3.178998671 |
| 24  | TRAC-TRENDS IN ANALYTICAL CHEMISTRY                   | 1948      | 5.5   | 68.11 | 7.81 | 8.01 | 7.81 | 3.046078866 |
| 25  | JOURNAL OF ANALYTICAL TOXICOLOGY                      | 2873      | 4.32  | 40.83 | 3.46 | 3.68 | 3.47 | 2.392556491 |
| 26  | CHIRALITY   | 3073      | 4.19  | 37.13 | 4.04 | 3.71 | 3.47 | 2.320558263 |
| 27  | JOURNAL OF AOAC INTERNATIONAL                         | 4194      | 4.03  | 21.06 | 2.14 | 2.63 | 2.64 | 2.23194506  |
| 28  | JOURNAL OF CHEMOMETRICS                               | 1654      | 3.67  | 82.41 | 5.04 | 4.98 | 4.35 | 2.032565352 |
| 29  | JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOL... | 4618      | 3.57  | 16.14 | 1.59 | 1.56 | 1.44 | 1.9771821   |
| 30  | JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS           | 3391      | 3.45  | 31.91 | 2.45 | 3.05 | 2.8  | 1.910722198 |
| 31  | ANALYTICAL LETTERS                                    | 4586      | 3.44  | 16.49 | 2    | 2.11 | 1.95 | 1.905183872 |
| 32  | JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY      | 5711      | 3.27  | 7.79  | 0.88 | 0.98 | 0.93 | 1.811032344 |
| 33  | JOURNAL OF BIOMOLECULAR SCREENING                     | 2804      | 2.81  | 42.34 | 5.14 | 4.54 | 4.45 | 1.556269384 |

| No. | Journal   | Rank, PII | JII  | PII    | B2   | B4   | B6   | Rank, JII % |
|-----|---|-----------|------|--------|------|------|------|-------------|
| 34  | VIBRATIONAL SPECTROSCOPY                              | 3569      | 2.77 | 29.36  | 3.21 | 2.96 | 2.67 | 1.534116083 |
| 35  | JOURNAL OF SEPARATION SCIENCE                         | 5117      | 2.46 | 11.76  | 3.45 | 3.09 | 2.06 | 1.362428002 |
| 36  | MICROCHIMICA ACTA                                     | 4489      | 2.4  | 17.64  | 2.25 | 1.7  | 1.66 | 1.329198051 |
| 37  | JOURNAL OF CHROMATOGRAPHIC SCIENCE                    | 3831      | 2.39 | 25.79  | 1.69 | 1.76 | 1.71 | 1.323659725 |
| 38  | MICROCHEMICAL JOURNAL                                 | 4025      | 2.11 | 23.27  | 3.45 | 3.37 | 3.6  | 1.168586619 |
| 39  | INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL ... | 4049      | 2.04 | 23.02  | 1.3  | 1.43 | 1.32 | 1.129818343 |
| 40  | JOURNAL OF ANALYTICAL CHEMISTRY                       | 5236      | 2.02 | 10.86  | 0.96 | 1.11 | 1.11 | 1.118741693 |
| 41  | ARCHAEOOMETRY   | 2841      | 1.88 | 41.43  | 2.01 | 2.13 | 1.78 | 1.04120514  |
| 42  | JOURNAL OF PEPTIDE SCIENCE                            | 3925      | 1.85 | 24.59  | 3.19 | 2.83 | 2.73 | 1.024590164 |
| 43  | JOURNAL OF LABELLED COMPOUNDS & RADIOPHARMACEUTICA... | 4563      | 1.81 | 16.78  | 1.59 | 1.63 | 1.47 | 1.002436863 |
| 44  | BIOMEDICAL CHROMATOGRAPHY                             | 4406      | 1.8  | 18.51  | 2.25 | 2.27 | 2.21 | 0.996898538 |
| 45  | JOURNAL OF FLUORESCENCE                               | 3920      | 1.74 | 24.67  | 3.67 | 2.95 | 2.31 | 0.963668587 |
| 46  | PHYTOCHEMICAL ANALYSIS                                | 4024      | 1.37 | 23.27  | 2.58 | 2.86 | 2.78 | 0.758750554 |
| 47  | ANNALI DI CHIMICA                                     | 5424      | 0.97 | 9.61   | 0.77 | 0.68 | 0.59 | 0.537217545 |
| 48  | CRITICAL REVIEWS IN ANALYTICAL CHEMISTRY              | 2444      | 0.92 | 51.39  | 3.08 | 4.65 | 4.65 | 0.509525919 |
| 49  | CHINESE JOURNAL OF ANALYTICAL CHEMISTRY               | 6764      | 0.92 | 2.06   | 0.8  | 0.77 | 0.69 | 0.509525919 |
| 50  | STUDIES IN CONSERVATION                               | 992       | 0.84 | 140.31 | 4.17 | 4.38 | 4.61 | 0.465219318 |
| 51  | LC GC NORTH AMERICA                                   | 6105      | 0.84 | 5.25   | 0.52 | 0.57 | 0.55 | 0.465219318 |
| 52  | BUNSEKI KAGAKU  | 6180      | 0.84 | 4.81   | 0.78 | 0.65 | 0.6  | 0.465219318 |
| 53  | JPC-JOURNAL OF PLANAR CHROMATOGRAPHY-MODERN TLC       | 5416      | 0.74 | 9.67   | 1.36 | 1.5  | 1.47 | 0.409836066 |
| 54  | LC GC EUROPE  | 5751      | 0.69 | 7.54   | 1.29 | 1.1  | 0.85 | 0.38214444  |
| 55  | AMERICAN LABORATORY                                   | 6220      | 0.54 | 4.6    | 0.37 | 0.46 | 0.46 | 0.299069561 |
| 56  | CHEMIA ANALITYCZNA                                    | 6039      | 0.48 | 5.64   | 1.02 | 0.88 | 0.83 | 0.26583961  |
| 57  | ACCREDITATION AND QUALITY ASSURANCE                   | 6265      | 0.37 | 4.42   | 0.95 | 0.95 | 0.78 | 0.204918033 |
| 58  | ADVANCES IN CHROMATOGRAPHY                            | 2080      | 0.32 | 63.31  |      |      |      | 0.177226407 |

| No. | Journal   | Rank, PII | JII  | PII   | B2   | B4   | B6   | Rank, JII % |
|-----|---|-----------|------|-------|------|------|------|-------------|
| 59  | SENSORS   | 5397      | 0.32 | 9.81  | 4.26 | 5.1  | 3.4  | 0.177226407 |
| 60  | INSTRUMENTATION SCIENCE & TECHNOLOGY                  | 6317      | 0.19 | 4.12  | 1.11 | 1.22 | 0.9  | 0.105228179 |
| 61  | REVIEWS IN ANALYTICAL CHEMISTRY                       | 4201      | 0.17 | 20.98 | 1.43 | 2.03 | 3    | 0.094151529 |
| 62  | CANADIAN JOURNAL OF ANALYTICAL SCIENCES AND SPECTR... | 5869      | 0.16 | 6.8   | 1.54 | 1.61 | 1.32 | 0.088613203 |
| 63  | REVIEWS IN INORGANIC CHEMISTRY                        | 3836      | 0.15 | 25.69 | 1.77 | 2.75 | 2.25 | 0.083074878 |
| 64  | Sensor Letters  | 6536      | 0.14 | 3.05  |      |      |      | 0.077536553 |
| 65  | ACTA CHROMATOGRAPHICA                                 | 6698      | 0.05 | 2.32  | 0.93 | 0.83 | 0.6  | 0.027691626 |
| 66  | JOURNAL OF AUTOMATED METHODS & MANAGEMENT IN CHEMI... | 6734      | 0.03 | 2.16  | 0.44 | 0.45 | 0.46 | 0.016614976 |
| 67  | SEPARATION AND PURIFICATION REVIEWS                   | 5911      | 0.02 | 6.46  | 2.75 | 1.38 | 0.92 | 0.01107665  |
| 68  | Current Analytical Chemistry                          | 7104      | 0.01 | 0.52  |      |      |      | 0.005538325 |