

Table SPBS-45

Relative citation index in computer and information sciences, by selected country or economy pair: 2018

(Index)

| Citing country or economy | Canada | Mexico | United States | Argentina | Brazil | Chile | Austria | Belgium | Czechia | Denmark | Finland | France | Germany | Greece | Ireland | Italy | Netherlands | Poland | Portugal | Spain | Sweden | United Kingdom | Norway | Russia | Switzerland | Turkey | Iran | Israel | Saudi Arabia | Egypt | South Africa | China | India | Japan | Malaysia | Pakistan | Singapore | South Korea | Taiwan | Thailand | Australia | New Zealand |
|---------------------------|--------|--------|---------------|-----------|--------|-------|---------|---------|---------|---------|---------|--------|---------|--------|---------|-------|-------------|--------|----------|-------|--------|----------------|--------|--------|-------------|--------|-------|--------|--------------|-------|--------------|-------|-------|-------|----------|----------|-----------|-------------|--------|----------|-----------|-------------|
| Canada | 9.79 | 0.33 | 1.64 | 0.33 | 0.62 | 0.63 | 0.69 | 1.01 | 0.34 | 1.28 | 1.24 | 0.87 | 0.75 | 0.75 | 0.94 | 0.85 | 0.98 | 0.38 | 0.71 | 0.80 | 1.26 | 1.47 | 0.91 | 0.10 | 1.75 | 0.40 | 1.05 | 1.18 | 1.41 | 0.61 | 0.52 | 0.78 | 0.30 | 0.47 | 0.46 | 0.75 | 2.09 | 0.83 | 0.51 | 0.19 | 1.49 | 0.57 |
| Mexico | 0.85 | 38.18 | 0.79 | 0.94 | 1.00 | 2.77 | 0.81 | 0.76 | 0.88 | 0.82 | 1.07 | 0.76 | 0.53 | 1.00 | 0.70 | 0.93 | 0.76 | 0.81 | 0.89 | 2.19 | 0.94 | 1.08 | 0.86 | 0.37 | 0.87 | 0.88 | 1.73 | 0.37 | 1.70 | 2.25 | 1.30 | 0.74 | 0.76 | 0.42 | 1.09 | 1.49 | 1.68 | 0.86 | 0.61 | 0.57 | 1.27 | 0.98 |
| United States | 1.24 | 0.24 | 4.25 | 0.24 | 0.31 | 0.43 | 0.76 | 0.84 | 0.31 | 0.97 | 0.99 | 0.70 | 0.81 | 0.51 | 0.88 | 0.67 | 0.97 | 0.26 | 0.42 | 0.63 | 0.97 | 1.43 | 0.63 | 0.10 | 2.17 | 0.35 | 0.49 | 1.85 | 0.65 | 0.31 | 0.27 | 0.55 | 0.21 | 0.43 | 0.28 | 0.41 | 1.96 | 0.62 | 0.41 | 0.11 | 1.17 | 0.48 |
| Argentina | 0.90 | 1.28 | 0.98 | 144.25 | 1.28 | 4.22 | 0.91 | 1.42 | 0.75 | 1.46 | 1.08 | 1.44 | 0.89 | 1.26 | 1.40 | 1.65 | 1.67 | 0.79 | 1.83 | 2.31 | 1.31 | 1.71 | 1.13 | 0.22 | 2.52 | 0.61 | 0.68 | 0.87 | 1.32 | 0.83 | 0.33 | 0.46 | 0.55 | 0.22 | 0.67 | 1.76 | 0.74 | 0.56 | 0.87 | 0.54 | 1.23 | 0.81 |
| Brazil | 1.27 | 1.30 | 1.01 | 0.88 | 13.32 | 1.92 | 1.02 | 1.02 | 0.44 | 1.18 | 1.67 | 1.04 | 0.85 | 1.39 | 1.37 | 1.31 | 1.30 | 0.61 | 1.78 | 1.48 | 1.28 | 1.30 | 1.23 | 0.18 | 1.54 | 1.00 | 1.09 | 0.77 | 1.47 | 0.66 | 0.63 | 0.56 | 0.51 | 0.31 | 1.06 | 1.09 | 1.25 | 0.72 | 0.58 | 0.44 | 1.32 | 1.22 |
| Chile | 0.94 | 2.96 | 0.95 | 2.18 | 1.45 | 87.76 | 0.74 | 1.44 | 0.67 | 2.43 | 2.10 | 0.96 | 0.83 | 1.37 | 0.87 | 1.13 | 1.60 | 0.96 | 1.36 | 2.71 | 1.30 | 1.59 | 1.38 | 0.09 | 1.36 | 0.87 | 1.21 | 0.92 | 1.87 | 0.39 | 0.21 | 0.56 | 0.43 | 0.37 | 1.03 | 1.05 | 1.75 | 0.64 | 0.68 | 0.31 | 1.71 | 1.74 |
| United Kingdom | 1.27 | 0.39 | 1.56 | 0.24 | 0.45 | 0.45 | 1.02 | 1.12 | 0.36 | 1.40 | 1.39 | 0.95 | 1.01 | 1.25 | 1.21 | 1.07 | 1.16 | 0.43 | 0.75 | 1.06 | 1.33 | 7.59 | 1.24 | 0.12 | 1.84 | 0.56 | 0.69 | 1.29 | 1.16 | 0.50 | 0.54 | 0.69 | 0.28 | 0.43 | 0.63 | 0.89 | 2.20 | 0.75 | 0.49 | 0.13 | 1.59 | 0.84 |
| Austria | 0.91 | 0.24 | 1.39 | 0.69 | 0.59 | 0.87 | 37.08 | 1.75 | 1.32 | 1.92 | 1.76 | 1.17 | 2.27 | 1.06 | 1.55 | 1.59 | 1.90 | 0.59 | 1.09 | 1.15 | 2.40 | 1.58 | 1.32 | 0.17 | 3.21 | 0.52 | 0.59 | 2.15 | 0.39 | 0.11 | 0.20 | 0.29 | 0.16 | 0.38 | 0.26 | 0.42 | 1.12 | 0.46 | 0.31 | 0.14 | 1.26 | 0.48 |
| Belgium | 1.18 | 0.37 | 1.38 | 0.11 | 0.68 | 0.98 | 1.50 | 45.85 | 0.40 | 2.61 | 1.75 | 1.49 | 1.33 | 1.10 | 1.73 | 1.61 | 2.39 | 0.51 | 1.63 | 1.44 | 2.33 | 1.79 | 0.84 | 0.22 | 1.89 | 0.64 | 0.44 | 1.31 | 0.65 | 0.27 | 0.46 | 0.42 | 0.20 | 0.38 | 0.39 | 0.42 | 1.28 | 0.58 | 0.33 | 0.11 | 1.18 | 0.77 |
| Czechia | 1.10 | 0.46 | 1.04 | 0.09 | 0.59 | 0.43 | 2.48 | 1.33 | 51.42 | 0.93 | 1.48 | 1.12 | 0.99 | 1.19 | 1.61 | 0.99 | 0.87 | 1.34 | 0.98 | 1.25 | 1.17 | 1.35 | 1.02 | 0.33 | 1.72 | 0.84 | 0.77 | 2.02 | 1.31 | 0.45 | 0.37 | 0.42 | 0.37 | 0.34 | 0.69 | 0.61 | 1.34 | 0.66 | 0.51 | 0.53 | 1.07 | 0.71 |
| Denmark | 1.09 | 0.43 | 1.39 | 0.21 | 0.54 | 0.54 | 1.61 | 1.91 | 0.34 | 55.75 | 2.49 | 1.06 | 1.28 | 1.05 | 1.60 | 1.17 | 1.90 | 0.64 | 1.12 | 1.12 | 2.72 | 1.69 | 1.32 | 0.09 | 2.10 | 0.36 | 1.39 | 1.58 | 0.53 | 0.72 | 0.46 | 0.47 | 0.24 | 0.36 | 0.54 | 0.99 | 2.09 | 0.67 | 0.54 | 0.16 | 1.85 | 1.04 |
| Finland | 1.27 | 0.48 | 1.35 | 0.14 | 0.81 | 1.14 | 0.76 | 1.45 | 0.42 | 3.88 | 38.02 | 1.06 | 1.16 | 0.88 | 1.59 | 1.18 | 1.21 | 0.23 | 0.93 | 1.22 | 3.38 | 1.47 | 1.80 | 0.34 | 1.43 | 0.46 | 0.98 | 0.56 | 0.92 | 0.64 | 0.49 | 0.52 | 0.20 | 0.49 | 0.49 | 0.99 | 1.74 | 0.85 | 0.46 | 0.18 | 1.41 | 1.13 |
| France | 1.21 | 0.48 | 1.42 | 0.64 | 0.60 | 0.71 | 1.43 | 1.74 | 0.52 | 1.63 | 1.44 | 9.45 | 1.24 | 0.99 | 1.31 | 1.40 | 1.39 | 0.47 | 0.91 | 1.14 | 1.78 | 1.69 | 1.17 | 0.21 | 2.58 | 0.51 | 0.51 | 1.46 | 0.88 | 0.43 | 0.39 | 0.47 | 0.24 | 0.51 | 0.46 | 0.61 | 1.48 | 0.56 | 0.38 | 0.17 | 1.13 | 0.54 |
| Germany | 1.09 | 0.27 | 1.61 | 0.32 | 0.52 | 0.78 | 2.12 | 1.37 | 0.58 | 1.99 | 1.59 | 1.10 | 8.44 | 0.91 | 1.17 | 1.10 | 1.88 | 0.50 | 0.66 | 0.99 | 1.52 | 1.59 | 1.31 | 0.13 | 2.68 | 0.35 | 0.27 | 1.36 | 0.50 | 0.32 | 0.34 | 0.34 | 0.18 | 0.39 | 0.29 | 0.40 | 1.31 | 0.48 | 0.32 | 0.14 | 1.07 | 0.76 |
| Greece | 1.15 | 0.48 | 1.15 | 0.28 | 0.72 | 0.87 | 1.06 | 1.54 | 0.43 | 1.30 | 1.65 | 1.04 | 1.00 | 33.40 | 1.41 | 1.52 | 1.13 | 0.72 | 1.14 | 1.40 | 1.23 | 1.87 | 1.47 | 0.14 | 1.44 | 0.79 | 0.92 | 1.37 | 1.08 | 0.88 | 0.59 | 0.53 | 0.38 | 0.35 | 0.72 | 0.70 | 1.62 | 0.81 | 0.69 | 0.42 | 1.36 | 0.96 |
| Ireland | 1.18 | 0.42 | 1.41 | 0.16 | 0.83 | 0.73 | 1.47 | 2.41 | 0.34 | 1.69 | 2.47 | 1.18 | 1.16 | 1.45 | 55.23 | 1.67 | 1.07 | 0.25 | 1.06 | 1.55 | 1.75 | 2.28 | 1.18 | 0.08 | 2.12 | 0.63 | 0.65 | 0.51 | 0.62 | 0.53 | 0.64 | 0.50 | 0.28 | 0.41 | 0.38 | 0.91 | 1.88 | 0.75 | 0.42 | 0.10 | 1.28 | 0.71 |
| Italy | 1.03 | 0.40 | 1.12 | 0.60 | 0.58 | 0.74 | 1.29 | 1.55 | 0.59 | 1.47 | 1.59 | 1.11 | 0.95 | 1.09 | 1.55 | 14.34 | 1.32 | 0.46 | 0.89 | 1.67 | 1.34 | 1.43 | 1.03 | 0.15 | 1.89 | 0.44 | 0.49 | 0.78 | 0.74 | 0.32 | 0.33 | 0.42 | 0.27 | 0.36 | 0.55 | 0.68 | 1.34 | 0.60 | 0.44 | 0.19 | 1.09 | 0.74 |
| Netherlands | 1.08 | 0.56 | 1.71 | 1.02 | 0.58 | 0.71 | 1.61 | 2.57 | 0.39 | 1.94 | 1.44 | 1.28 | 1.58 | 0.90 | 1.61 | 1.53 | 26.29 | 0.48 | 1.01 | 1.11 | 1.84 | 1.98 | 1.18 | 0.12 | 3.25 | 0.43 | 0.54 | 1.49 | 0.52 | 0.28 | 0.35 | 0.37 | 0.19 | 0.39 | 0.31 | 0.40 | 1.53 | 0.43 | 0.29 | 0.20 | 1.35 | 0.89 |
| Poland | 1.10 | 1.60 | 0.84 | 0.28 | 0.79 | 0.91 | 0.75 | 1.20 | 1.12 | 1.26 | 1.00 | 0.80 | 0.83 | 1.40 | 1.25 | 1.21 | 1.07 | 31.87 | 1.08 | 1.43 | 1.13 | 1.05 | 1.23 | 0.26 | 1.17 | 0.69 | 1.01 | 1.40 | 0.90 | 1.06 | 0.83 | 0.54 | 0.39 | 0.37 | 0.62 | 1.33 | 1.08 | 0.65 | 0.52 | 0.25 | 1.08 | 0.81 |
| Portugal | 1.10 | 0.59 | 1.10 | 0.31 | 1.39 | 0.66 | 1.15 | 1.20 | 0.32 | 1.56 | 1.71 | 0.92 | 0.87 | 1.54 | 1.56 | 1.44 | 1.38 | 0.57 | 30.29 | 2.08 | 1.80 | 1.63 | 1.22 | 0.20 | 1.63 | 0.68 | 1.04 | 0.53 | 1.10 | 0.80 | 0.44 | 0.53 | 0.44 | 0.29 | 0.84 | 1.51 | 1.17 | 0.78 | 0.48 | 0.36 | 1.28 | 1.37 |
| Spain | 1.18 | 1.18 | 1.06 | 1.06 | 0.79 | 1.55 | 1.03 | 1.36 | 0.62 | 1.33 | 1.74 | 0.97 | 0.97 | 1.54 | 1.66 | 1.70 | 1.21 | 0.71 | 1.36 | 13.58 | 2.11 | 1.43 | 1.38 | 0.16 | 1.63 | 0.65 | 0.90 | 0.78 | 1.32 | 0.58 | 0.49 | 0.54 | 0.35 | 0.39 | 0.72 | 1.04 | 1.42 | 0.69 | 0.59 | 0.28 | 1.29 | 0.89 |
| Sweden | 1.35 | 0.54 | 1.42 | 0.77 | 0.54 | 0.56 | 1.60 | 1.64 | 0.59 | 2.79 | 2.80 | 1.25 | 1.46 | 1.05 | 1.51 | 1.20 | 1.88 | 0.38 | 0.87 | 1.44 | 33.06 | 1.69 | 1.99 | 0.12 | 2.14 | 0.62 | 0.78 | 0.93 | 0.58 | 0.46 | 0.42 | 0.42 | 0.23 | 0.47 | 0.41 | 0.47 | 1.54 | 0.74 | 0.36 | 0.15 | 1.30 | 0.74 |
| Norway | 1.21 | 0.77 | 1.29 | 0.43 | 0.69 | 0.83 | 1.83 | 1.29 | 0.37 | 2.64 | 2.22 | 0.91 | 1.22 | 1.21 | 1.31 | 1.43 | 1.87 | 0.54 | 0.94 | 1.56 | 1.84 | 1.70 | 48.23 | 0.12 | 1.56 | 0.66 | 0.88 | 0.95 | 1.23 | 0.40 | 0.38 | 0.53 | 0.38 | 0.41 | 0.76 | 1.03 | 1.50 | 0.83 | 0.51 | 0.17 | 1.26 | 1.50 |
| Russia | 0.78 | 0.74 | 0.79 | 0.14 | 0.44 | 0.42 | 0.58 | 0.56 | 0.57 | 0.86 | 1.44 | 0.63 | 0.62 | 0.83 | 0.83 | 0.69 | 0.72 | 0.55 | 0.57 | 0.78 | 0.86 | 0.95 | 0.82 | 20.12 | 0.85 | 0.49 | 0.63 | 0.84 | 0.68 | 0.48 | 0.47 | 0.39 | 0.34 | 0.32 | 0.46 | 0.66 | 0.82 | 0.52 | 0.40 | 0.27 | 0.75 | 0.42 |
| Switzerland | 1.28 | 0.19 | 2.42 | 0.51 | 0.34 | 1.09 | 1.71 | 1.41 | 0.69 | 1.62 | 1.07 | 1.30 | 1.72 | 0.77 | 0.89 | 1.38 | 1.52 | 0.45 | 0.58 | 1.04 | 1.20 | 1.80 | 0.97 | 0.16 | 29.24 | 0.23 | 0.34 | 2.48 | 0.40 | 0.26 | 0.22 | 0.35 | 0.14 | 0.62 | 0.14 | 0.27 | 1.91 | 0.46 | 0.26 | 0.04 | 1.13 | 0.52 |
| Turkey | 1.02 | 0.77 | 0.83 | 0.17 | 0.65 | 0.31 | 0.36 | 0.91 | 0.50 | 0.68 | 0.87 | 0.54 | 0.49 | 0.96 | 1.03 | 0.78 | 0.63 | 0.57 | 0.75 | 1.07 | 0.71 | 1.28 | 0.85 | 0.16 | 0.77 | 16.44 | 2.39 | 0.54 | 1.66 | 2.26 | 0.91 | 0.84 | 0.84 | 0.29 | 1.19 | 2.17 | 1.54 | 0.89 | 0.83 | 0.61 | 1.17 | 1.07 |
| Iran | 1.28 | 1.07 | 0.75 | 0.30 | 0.68 | 0.62 | 0.29 | 0.43 | 0.33 | 0.90 | 0.76 | 0.53 | 0.33 | 0.81 | 1.19 | 0.74 | 0.45 | 0.35 | 0.77 | 0.98 | 0.97 | 0.97 | 0.61 | 0.10 | 0.55 | 1.20 | 18.89 | 0.43 | 1.43 | 1.84 | 0.75 | 0.95 | 0.81 | 0.22 | 1.36 | 1.50 | 1.43 | 0.86 | 0.66 | 0.34 | 1.50 | 0.81 |
| Israel | 1.12 | 0.23 | 2.49 | 0.21 | 0.30 | 0.50 | 1.47 | 0.84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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Relative citation index in computer and information sciences, by selected country or economy pair: 2018

(Index)

| Citing country or economy | Canada | Mexico | United States | Argentina | Brazil | Chile | Austria | Belgium | Czechia | Denmark | Finland | France | Germany | Greece | Ireland | Italy | Netherlands | Poland | Portugal | Spain | Sweden | United Kingdom | Norway | Russia | Switzerland | Turkey | Iran | Israel | Saudi Arabia | Egypt | South Africa | China | India | Japan | Malaysia | Pakistan | Singapore | South Korea | Taiwan | Thailand | Australia | New Zealand |
|---------------------------|--------|--------|---------------|-----------|--------|-------|---------|---------|---------|---------|---------|--------|---------|--------|---------|-------|-------------|--------|----------|-------|--------|----------------|--------|--------|-------------|--------|------|--------|--------------|-------|--------------|-------|-------|-------|----------|----------|-----------|-------------|--------|----------|-----------|-------------|
| Singapore | 1.21 | 0.47 | 1.86 | 0.23 | 0.22 | 0.50 | 0.78 | 1.03 | 0.26 | 1.29 | 0.84 | 0.69 | 0.66 | 0.48 | 0.62 | 0.58 | 0.80 | 0.35 | 0.41 | 0.62 | 1.29 | 1.41 | 0.65 | 0.13 | 2.47 | 0.41 | 0.49 | 1.34 | 0.76 | 0.28 | 0.21 | 1.00 | 0.26 | 0.45 | 0.35 | 0.51 | 24.94 | 0.75 | 0.43 | 0.15 | 1.93 | 0.47 |
| South Korea | 1.25 | 0.36 | 1.55 | 0.13 | 0.49 | 0.31 | 0.51 | 0.97 | 0.26 | 1.11 | 1.32 | 0.70 | 0.63 | 0.87 | 0.89 | 0.73 | 0.57 | 0.29 | 0.72 | 0.82 | 0.93 | 1.44 | 0.88 | 0.15 | 1.17 | 0.61 | 0.85 | 0.83 | 1.26 | 0.65 | 0.31 | 0.91 | 0.39 | 0.52 | 0.66 | 1.30 | 2.52 | 7.52 | 0.88 | 0.22 | 1.39 | 0.51 |
| Taiwan | 1.08 | 0.54 | 1.27 | 0.18 | 0.45 | 0.61 | 0.44 | 0.83 | 0.29 | 0.86 | 1.06 | 0.61 | 0.46 | 0.67 | 0.66 | 0.70 | 0.46 | 0.37 | 0.48 | 0.91 | 0.77 | 1.25 | 0.86 | 0.13 | 1.01 | 0.83 | 0.89 | 0.61 | 1.20 | 0.73 | 0.43 | 1.07 | 0.52 | 0.50 | 0.82 | 0.95 | 1.97 | 1.30 | 10.31 | 0.47 | 1.40 | 0.92 |
| Thailand | 0.67 | 0.75 | 0.73 | 0.37 | 0.68 | 0.85 | 0.25 | 0.54 | 1.00 | 0.54 | 0.67 | 0.51 | 0.41 | 1.35 | 1.14 | 0.73 | 0.30 | 0.59 | 0.48 | 0.77 | 0.38 | 0.97 | 0.34 | 0.21 | 0.78 | 1.19 | 1.62 | 0.22 | 1.65 | 1.55 | 0.75 | 0.82 | 0.96 | 0.58 | 1.59 | 1.80 | 1.49 | 1.10 | 1.11 | 30.82 | 1.12 | 0.95 |
| Australia | 1.34 | 0.52 | 1.43 | 0.16 | 0.46 | 0.62 | 0.63 | 0.86 | 0.28 | 1.55 | 1.13 | 0.66 | 0.66 | 0.83 | 0.98 | 0.82 | 1.15 | 0.30 | 0.57 | 0.90 | 1.09 | 1.65 | 0.84 | 0.11 | 1.66 | 0.51 | 0.98 | 0.82 | 1.22 | 0.52 | 0.51 | 0.91 | 0.33 | 0.40 | 0.69 | 0.92 | 3.33 | 0.91 | 0.45 | 0.22 | 12.29 | 1.19 |
| New Zealand | 1.17 | 0.96 | 1.16 | 0.14 | 1.04 | 1.22 | 0.62 | 0.88 | 0.49 | 0.94 | 1.07 | 0.75 | 0.90 | 1.01 | 1.67 | 0.97 | 1.43 | 0.38 | 1.07 | 0.76 | 0.98 | 1.55 | 1.16 | 0.07 | 1.79 | 0.61 | 0.78 | 1.11 | 1.53 | 0.67 | 0.78 | 0.77 | 0.31 | 0.43 | 0.71 | 1.10 | 2.33 | 0.74 | 0.65 | 0.35 | 2.12 | 69.52 |

Note(s):

Citations refer to publications from a selection of journals, books, and conference proceedings in S&E from Scopus. Articles are classified by their year of publication and are assigned to a country or economy on the basis of the institutional address(es) listed in the article. Articles are credited on a fractional count basis (i.e., for articles with collaborating institutions from multiple countries or economies, each country or economy receives fractional credit on the basis of the proportion of its participating institutions).

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Source(s):

National Center for Science and Engineering Statistics; Science-Metrix; Elsevier, Scopus abstract and citation database, accessed May 2021.

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