2024 Top 50

The Top 50 ranking identifies 2024's most innovative companies within the U.S. intellectual property space.

Analyzing patent grants, as seen in this report, allows you to determine which companies are actively inventing in new technology spaces. Our ranking serves as a showcase of how IFI's patent data can be leveraged as an innovation metric for benchmarking top industry competitors.

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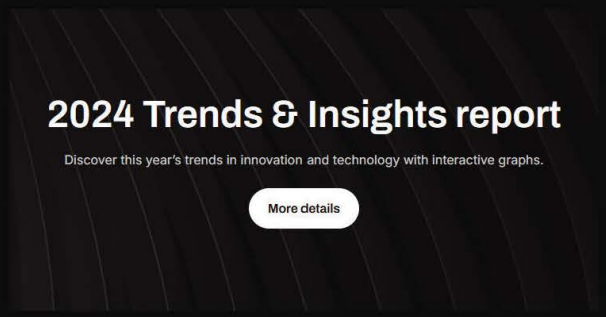
Rank	Name	2024 Grants	2023 Grants	Δ	% Change	Rank Change
1	Samsung Electronics Co Ltd	6,377	6,165	+212	+3.44	+0
2	Taiwan Semiconductor Manufacturing Co TSMC Ltd	3,989	3,687	+302	+8.19	+1
3	Qualcomm Inc	3,422	3,854	-432	-11.21	-1
4	Apple Inc	3,082	2,536	+546	+21.53	+3
5	Huawei Technologies Co Ltd	3,046	2,068	+978	+47.29	+6
6	LG Electronics Inc	2,768	2,296	+472	+20.56	+2
7	Samsung Display Co Ltd	2,596	2,564	+32	+1.25	-1
8	International Business Machines Corp	2,465	3,658	-1,193	-32.61	-4
9	Canon Inc	2,329	2,890	-561	-19.41	-4
10	Google LLC	2,054	1,837	+217	+11.81	+3
11	Intel Corp	1,931	2,145	-214	-9.98	-1
12	BOE Technology Group Co Ltd	1,870	1,640	+230	+14.02	+3
13	Micron Technology Inc	1,796	2,233	-437	-19.57	-4
14	Toyota Motor Corp	1,779	1,859	-80	-4.3	-2
15	Microsoft Technology Licensing LLC	1,707	1,820	-113	-6.21	-1
16	Telefonaktiebolaget LM Ericsson AB	1,523	1,191	+332	+27.88	+5
17	Dell Products LP	1,515	1,198	+317	+26.46	+3
18	Amazon Technologies Inc	1,441	1,591	-150	-9.43	-2
19	Hyundai Motor Co	1,283	1,534	-251	-16.36	-1
20	Sony Group Corp	1,135	712	+423	+59.41	+19
21	Capital One Services LLC	1,132	1,024	+108	+10.55	+3
22	Kia Corp	1,103	1,536	-433	-28.19	-5
23	NEC Corp	1,095	819	+276	+33.7	+10
24	Ford Global Technologies LLC	1,092	1,270	-178	-14.02	-5
25	Nippon Telegraph and Telephone Corp	1,047	553	+494	+89.33	+31
26	Seiko Epson Corp	1,008	1,140	-132	-11.58	-4
27	Murata Manufacturing Co Ltd	995	786	+209	+26.59	+8
28	Mitsubishi Electric Corp	993	751	+242	+32.22	+10
29	Honda Motor Co Ltd	986	1,126	-140	-12.43	-6
30	Panasonic Intellectual Property Management Co Ltd	968	707	+261	+36.92	+10
31	Texas Instruments Inc	966	977	-11	-1.13	-5
32	Robert Bosch GmbH	948	876	+72	+8.22	-3
33	Saudi Arabian Oil Co	917	1,003	-86	-8.57	-8
34	Applied Materials Inc	875	897	-22	-2.45	-6
35	Cisco Technology Inc	858	909	-51	-5.61	-8

36	LG Display Co Ltd	824	778	+46	+5.91	+0
37	Fujifilm Corp	818	545	+273	+50.09	+20
38	Boeing Co	779	820	-41	-5	-6
39	Denso Corp	767	650	+117	+18	+7
40	Snap Inc	736	654	+82	+12.54	+5
41	SK Hynix Inc	735	873	-138	-15.81	-11
42	Changxin Memory Technologies Inc	731	247	+484	+195.95	+57
43	GM Global Technology Operations LLC	722	706	+16	+2.27	-2
44	Kioxia Corp	718	685	+33	+4.82	-1
45	Bank of America Corp	686	642	+44	+6.85	+4
46	Tencent Technology Shenzhen Co Ltd	685	306	+379	+123.85	+54
47	Guangdong Oppo Mobile Telecommunications Corp Ltd	670	511	+159	+31.11	+18
48	Nokia Technologies Oy	655	443	+212	+47.85	+29
49	LG Energy Solution Ltd	654	398	+256	+64.32	+37
50	Koninklijke Philips NV	652	597	+55	+9.21	+2

A Flourish table

Learn more about the terms and methods utilized in this report.

The table is accurate as of January 7, 2025.



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Rank	Name	2023 Grants	2022 Grants	Δ	% Change	Rank Change
1	Samsung Electronics Co Ltd	6,165	6,248	-83	-1.33	+0
2	Qualcomm Inc	3,854	2,625	+1,229	+46.82	+5
3	Taiwan Semiconductor Manufacturing Co TSMC Ltd	3,687	3,024	+663	+21.92	+0
4	International Business Machines Corp	3,658	4,398	-740	-16.83	-2
5	Canon Inc	2,890	2,694	+196	+7.28	+0
6	Samsung Display Co Ltd	2,564	2,106	+458	+21.75	+6
7	Apple Inc	2,536	2,285	+251	+10.98	+2
8	LG Electronics Inc	2,296	2,641	-345	-13.06	-2
9	Micron Technology Inc	2,233	1,920	+313	+16.3	+4
10	Intel Corp	2,145	2,418	-273	-11.29	-2
11	Huawei Technologies Co Ltd	2,068	2,836	-768	-27.08	-7
12	Toyota Motor Corp	1,859	2,214	-355	-16.03	-2
13	Google LLC	1,837	1,548	+289	+18.67	+3
14	Microsoft Technology Licensing LLC	1,820	1,815	+5	+0.28	+1
15	BOE Technology Group Co Ltd	1,640	2,195	-555	-25.28	-4
16	Amazon Technologies Inc	1,591	1,863	-272	-14.6	-2
17	Kia Corp	1,536	1,289	+247	+19.16	+7
18	Hyundai Motor Co	1,534	1,436	+98	+6.82	-1
19	Ford Global Technologies LLC	1,270	1,316	-46	-3.5	+2
20	Dell Products LP	1,198	1,125	+73	+6.49	+7
21	Telefonaktiebolaget LM Ericsson AB	1,191	1,397	-206	-14.75	-2
22	Seiko Epson Corp	1,140	1,243	-103	-8.29	+3
23	Honda Motor Co Ltd	1,126	1,346	-220	-16.34	-3
24	Capital One Services LLC	1,024	706	+318	+45.04	+21
25	Saudi Arabian Oil Co	1,003	941	+62	+6.59	+6
26	Texas Instruments Inc	977	910	+67	+7.36	+10
27	Cisco Technology Inc	909	923	-14	-1.52	+5
28	Applied Materials Inc	897	711	+186	+26.16	+16
29	Robert Bosch GmbH	876	1,057	-181	-17.12	+1
30	SK Hynix Inc	873	1,119	-246	-21.98	-2
31	General Electric Co	830	871	-41	-4.71	+8
32	Boeing Co	820	1,082	-262	-24.21	-3
33	NEC Corp	819	915	-96	-10.49	+1
34	EMC IP Holding Co LLC	797	1,295	-498	-38.46	-11
35	Murata Manufacturing Co Ltd	786	896	-110	-12.28	+3
36	LG Display Co Ltd	778	NA	NA	NA	NA

37	VMware LLC	759	NA	NA	NA	NA
38	Mitsubishi Electric Corp	751	1,142	-391	-34.24	-12
39	Sony Group Corp	712	NA	NA	NA	NA
40	Panasonic Intellectual Property Management Co Ltd	707	921	-214	-23.24	-7
41	GM Global Technology Operations LLC	706	NA	NA	NA	NA
42	Oracle International Corp	691	648	+43	+6.64	+8
43	Kioxia Corp	685	NA	NA	NA	NA
44	Halliburton Energy Services Inc	675	906	-231	-25.5	-7
45	Snap Inc	654	NA	NA	NA	NA
46	Denso Corp	650	912	-262	-28.73	-11
47	Hewlett Packard Development Co LP	644	1,300	-656	-50.46	-25
48	Toshiba Corp	642	791	-149	-18.84	-8
49	Bank of America Corp	642	NA	NA	NA	NA
50	Brother Industries Ltd	631	657	-26	-3.96	-1

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The table is accurate as of January 4, 2024.

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2	International Business Machines Corp	4,398	8,681	-49	-1
3	Taiwan Semiconductor Manufacturing Co TSMC Ltd	3,024	2,798	+8	+1
4	Huawei Technologies Co Ltd	2,836	2,769	+2	+1
5	Canon Inc	2,694	3,021	-11	-2
6	LG Electronics Inc	2,641	2,487	+6	+2
7	Qualcomm Inc	2,625	2,149	+22	+3
8	Intel Corp	2,418	2,614	-7	-2
9	Apple Inc	2,285	2,541	-10	-2
10	Toyota Motor Corp	2,214	2,028	+9	+2
11	BOE Technology Group Co Ltd	2,195	2,135	+3	+0
12	Samsung Display Co Ltd	2,106	1,975	+7	+1
13	Micron Technology Inc	1,920	1,789	+7	+2
14	Amazon Technologies Inc	1,863	1,943	-4	+0
15	Microsoft Technology Licensing LLC	1,815	2,417	-25	-6
16	Google LLC	1,548	1,493	+4	+2
17	Hyundai Motor Co	1,436	1,268	+13	+3
18	Sony Corp	1,397	1,679	-17	-2
19	Telefonaktiebolaget LM Ericsson AB	1,397	1,387	+1	+0
20	Honda Motor Co Ltd	1,346	1,209	+11	+4
21	Ford Global Technologies LLC	1,316	1,626	-19	-4
22	Hewlett Packard Development Co LP	1,300	919	+41	+12
23	EMC IP Holding Co LLC	1,295	1,243	+4	-1
24	Kia Motors Corp	1,289	1,203	+7	+1
25	Seiko Epson Corp	1,243	1,231	+1	-2
26	Mitsubishi Electric Corp	1,142	1,158	-1	+0
27	Dell Products LP	1,125	770	+46	+18
28	SK Hynix Inc	1,119	958	+17	+3
29	Boeing Co	1,082	1,263	-14	-8
30	Robert Bosch GmbH	1,057	895	+18	+5
31	Saudi Arabian Oil Co	941	836	+13	+9
32	Cisco Technology Inc	923	961	-4	-2
33	Panasonic Intellectual Property Management Co Ltd	921	1,067	-14	-6
34	NEC Corp	915	827	+11	+7
35	Denso Corp	912	950	-4	-3
36	Texas Instruments Inc	910	970	-6	-7

37	Halliburton Energy Services Inc	906	871	+4	+0
38	Murata Manufacturing Co Ltd	896	731	+23	+10
39	General Electric Co	871	1,065	-18	-11
40	Toshiba Corp	791	745	+6	+7
41	Koninklijke Philips NV	781	836	-7	-2
42	AT&T Intellectual Property I LP	777	918	-15	-9
43	Guangdong Oppo Mobile Telecommunications Corp Ltd	756	720	+5	+6
44	Applied Materials Inc	711	674	+5	N/A
45	Capital One Services LLC	706	699	+1	N/A
46	Raytheon Technologies Corp	688	788	-13	-4
47	Ricoh Co Ltd	675	771	-12	-1
48	Fujifilm Corp	661	714	-7	+2
49	Brother Industries Ltd	657	592	+11	N/A
50	Oracle International Corp	648	596	+9	N/A

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