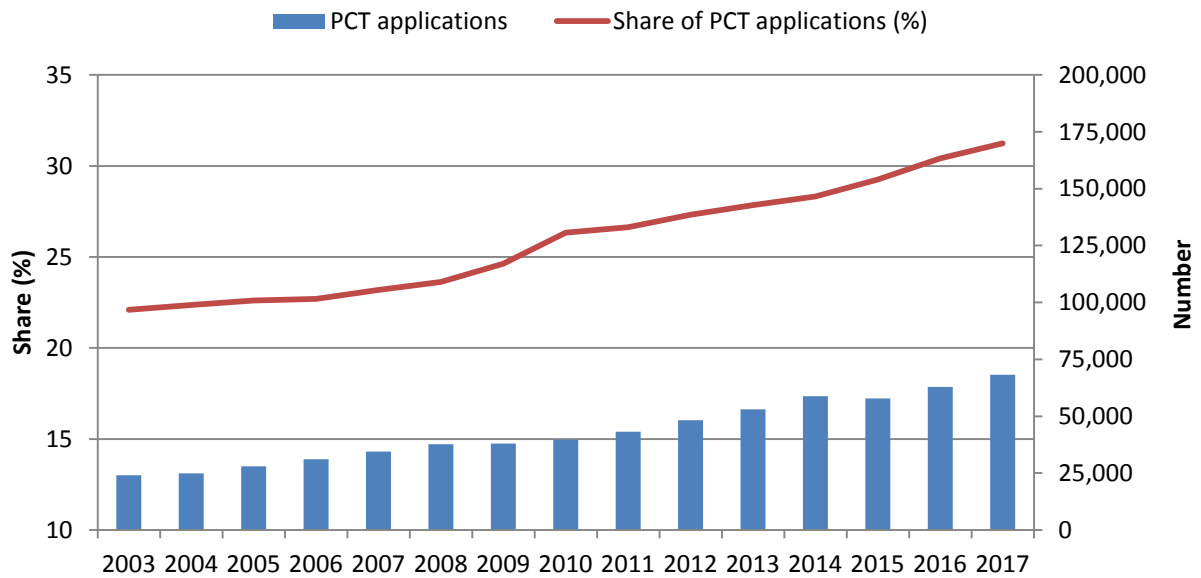
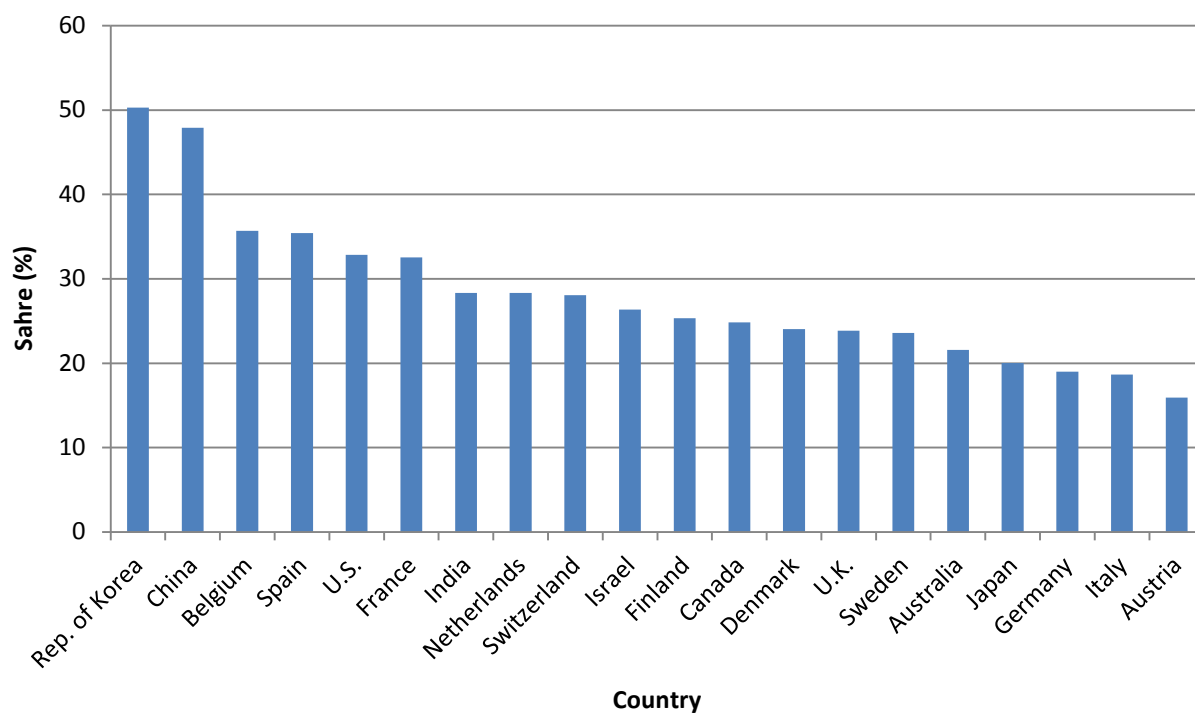


## PCT applications with women inventors



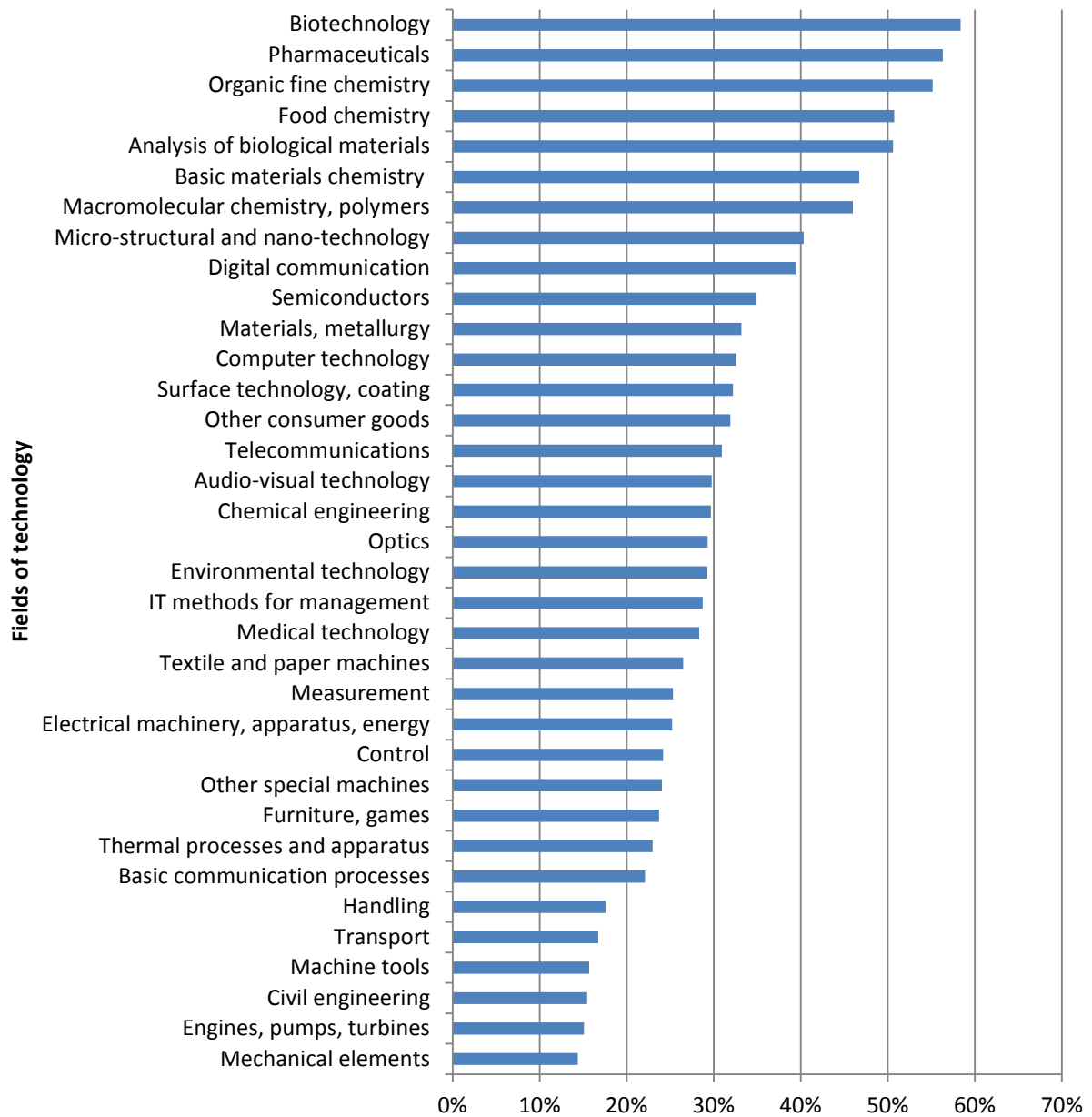
Year	PCT applications	Share of PCT applications (%)
2003	24004	22.1
2004	24887	22.4
2005	27994	22.6
2006	31127	22.7
2007	34448	23.2
2008	37644	23.6
2009	37919	24.6
2010	39613	26.3
2011	43186	26.6
2012	48232	27.3
2013	53015	27.8
2014	58806	28.3
2015	57857	29.2
2016	62859	30.4
2017	68270	31.2

### Share of PCT applications with women inventors, 2017



Origin	Share (%) with women inventors in 2017
Rep. of Korea	50.29371
China	47.91108
Belgium	35.69132
Spain	35.42977
U.S.	32.84788
France	32.53552
India	28.33212
Netherlands	28.31270
Switzerland	28.07512
Israel	26.34593
Finland	25.34837
Canada	24.84389
Denmark	24.05063
U.K.	23.85815
Sweden	23.60365
Australia	21.57418
Japan	20.00454
Germany	18.99479
Italy	18.64139
Austria	15.91073

## Share of PCT applications with women inventors in 2017



<b>Technology</b>	<b>Share (%) of PCT applications with women inventors in 2017</b>
Mechanical elements	14%
Engines, pumps, turbines	15%
Civil engineering	15%
Machine tools	16%
Transport	17%
Handling	18%
Basic communication processes	22%
Thermal processes and apparatus	23%
Furniture, games	24%
Other special machines	24%
Control	24%
Electrical machinery, apparatus, energy	25%
Measurement	25%
Textile and paper machines	26%
Medical technology	28%
IT methods for management	29%
Environmental technology	29%
Optics	29%
Chemical engineering	30%
Audio-visual technology	30%
Telecommunications	31%
Other consumer goods	32%
Surface technology, coating	32%
Computer technology	33%
Materials, metallurgy	33%
Semiconductors	35%
Digital communication	39%
Micro-structural and nano-technology	40%
Macromolecular chemistry, polymers	46%
Basic materials chemistry	47%
Analysis of biological materials	51%
Food chemistry	51%
Organic fine chemistry	55%
Pharmaceuticals	56%
Biotechnology	58%

**Share of PCT applications with women inventors in 2017,  
by Company (among top 20)**

Company	Country	Share
LG CHEM, LTD.	KR	72.5%
F. HOFFMANN-LA ROCHE AG	CH	69.1%
L'OREAL	FR	67.3%
DOW GLOBAL TECHNOLOGIES INC.	US	63.3%
HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN	DE	61.5%
PROCTER & GAMBLE COMPANY	US	60.0%
SAMSUNG ELECTRONICS CO., LTD.	KR	56.0%
BOE TECHNOLOGY GROUP CO.,LTD	CN	55.5%
NESTEC S.A.	CH	54.7%
LG ELECTRONICS INC.	KR	54.0%
SZ DJI TECHNOLOGY CO., LTD	CN	53.0%
BASF SE	DE	52.3%
HUAWEI TECHNOLOGIES CO., LTD.	CN	52.2%
ZTE CORPORATION	CN	51.4%
TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED	CN	51.1%
LG INNOTEK CO. LTD.	KR	47.2%
3M INNOVATIVE PROPERTIES COMPANY	US	45.5%
CORNING INCORPORATED	US	45.4%
ALIBABA GROUP HOLDING LIMITED	CN	44.1%
NIKE INNOVATE C.V.	US	43.4%
HITACHI CHEMICAL CO., LTD.	JP	42.6%
APPLLE INC.	US	42.0%
SHENZHEN CHINA STAR OPTOELECTRONICS TECHNOLOGY CO., LTD	CN	42.0%
KAO CORPORATION	JP	40.4%
INTEL CORPORATION	US	39.8%
MICROSOFT TECHNOLOGY LICENSING, LLC	US	39.4%
XIAOMI INC.	CN	39.2%
QUALCOMM INCORPORATED	US	38.5%
ARCELIK ANONIM SIRKETI	TR	38.0%
GUANG DONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD	CN	36.6%

**Share of PCT applications with women inventors in 2017,  
by Academic Institution (among top 20)**

Academic Institution	Country	Share
ELECTRONICS & TELECOMMUNICATIONS RESEARCH INSTITUTE OF KOREA	KR	83.3%
SHENZHEN INSTITUTE OF ADVANCED TECHNOLOGY	CN	82.7%
JIANGNAN UNIVERSITY	CN	82.5%
TSINGHUA UNIVERSITY	CN	80.0%
JIANGSU UNIVERSITY	CN	80.0%
CHINA ACADEMY OF TELECOMMUNICATIONS TECHNOLOGY	CN	79.6%
TEL AVIV UNIVERSITY	IL	79.4%
SOUTH CHINA UNIVERSITY OF TECHNOLOGY	CN	76.8%
KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY	KR	75.6%
PEKING UNIVERSITY	CN	74.6%
ZHANGJIAGANG INSTITUTE OF INDUSTRIAL TECHNOLOGIES SOOCHOW UNIVERSITY	CN	74.5%
KOREA INSTITUTE OF INDUSTRIAL TECHNOLOGY	KR	72.5%
KYUNGHEE UNIVERSITY	KR	71.1%
HEBREW UNIVERSITY OF JERUSALEM	IL	69.6%
KYUNGPOOK NATIONAL UNIVERSITY	KR	69.2%
YEDA RESEARCH AND DEVELOPMENT CO. LTD.	IL	69.0%
ZHEJIANG UNIVERSITY	CN	67.3%
KOREA INSTITUTE OF MACHINERY & MATERIALS	KR	66.0%
AGENCY OF SCIENCE, TECHNOLOGY AND RESEARCH	SG	65.9%
NANYANG TECHNOLOGICAL UNIVERSITY	SG	64.6%
CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC)	ES	63.9%
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)	FR	63.8%
SHANGHAI JIAOTONG UNIVERSITY	CN	60.4%
SEOUL NATIONAL UNIVERSITY	KR	59.6%
LELAND STANFORD JUNIOR UNIVERSITY	US	59.3%
SHENZHEN UNIVERSITY	CN	59.3%
COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	IN	58.5%
KOREA RESEARCH INSTITUTE OF STANDARDS AND SCIENCE	KR	58.1%
COLUMBIA UNIVERSITY	US	57.9%
SCRIPPS RESEARCH INSTITUTE	US	56.8%
CORNELL UNIVERSITY	US	56.6%