**Search 1 – Participatory Design / Co Design / Co-Creation (377 documents)**

(

TITLE-ABS-KEY("Participatory Design" or "User Participation")

OR TITLE-ABS-KEY("Cooperative Design")

OR TITLE-ABS-KEY("Co Design" or "Codesign" or "Co-design")

OR TITLE-ABS-KEY("Collaborative Design")

OR TITLE-ABS-KEY("Co-creation")

)

AND SUBJAREA(MULT OR CENG OR CHEM OR COMP OR EART OR ENER OR ENGI OR ENVI OR MATE OR MATH OR PHYS OR MULT OR ARTS OR BUSI OR DECI OR ECON OR PSYC OR SOCI)

AND (  
LIMIT-TO(SUBJAREA,"ARTS")   
)

AND (  
LIMIT-TO(LANGUAGE,"English" )   
)   
AND (  
LIMIT-TO(DOCTYPE,"cp" )   
OR LIMIT-TO(DOCTYPE,"ar" )   
OR LIMIT-TO(DOCTYPE,"ch" )

OR LIMIT-TO(DOCTYPE,"bk" )   
)

AND (  
EXCLUDE(SUBJAREA,"ECON" )   
OR EXCLUDE(SUBJAREA,"MEDI" )   
OR EXCLUDE(SUBJAREA,"NEUR" )   
OR EXCLUDE(SUBJAREA,"ENVI" )   
OR EXCLUDE(SUBJAREA,"MATH" )   
OR EXCLUDE(SUBJAREA,"HEAL" )   
OR EXCLUDE(SUBJAREA,"NURS" )   
OR EXCLUDE(SUBJAREA,"AGRI" )   
OR EXCLUDE(SUBJAREA,"BIOC" )   
OR EXCLUDE(SUBJAREA,"EART" )   
)

**Computer Science results (175 documents)**

**Social Science results (164 documents)**

**Engineering results (133 documents)**

**Search 2 - Crowdsourcing (138 documents)**

(

TITLE-ABS-KEY("Crowd Sourc\*" or "Crowdsourc\*")

)

AND SUBJAREA(MULT OR CENG OR CHEM OR COMP OR EART OR ENER OR ENGI OR ENVI OR MATE OR MATH OR PHYS OR MULT OR ARTS OR BUSI OR DECI OR ECON OR PSYC OR SOCI)

AND (  
LIMIT-TO(SUBJAREA,"ARTS" )   
)

AND (  
LIMIT-TO(LANGUAGE,"English" )   
)   
AND (  
LIMIT-TO(DOCTYPE,"cp" )   
OR LIMIT-TO(DOCTYPE,"ar" )   
OR LIMIT-TO(DOCTYPE,"ch" )   
OR LIMIT-TO(DOCTYPE,"bk" )   
)   
AND (  
EXCLUDE(SUBJAREA,"ECON" )   
OR EXCLUDE(SUBJAREA,"MEDI" )   
OR EXCLUDE(SUBJAREA,"NEUR" )   
OR EXCLUDE(SUBJAREA,"ENVI" )   
OR EXCLUDE(SUBJAREA,"MATH" )   
OR EXCLUDE(SUBJAREA,"HEAL" )   
OR EXCLUDE(SUBJAREA,"NURS" )   
OR EXCLUDE(SUBJAREA,"AGRI" )   
OR EXCLUDE(SUBJAREA,"BIOC" )   
OR EXCLUDE(SUBJAREA,"EART" )   
)   
AND (  
LIMIT-TO(SUBJAREA,"SOCI" )   
)

**Computer Science results (27 documents)**

**Social Science results (138 documents)**

**Engineering results (5 documents)**

**Search 3 – Open Design (12 documents)**

(

TITLE-ABS-KEY("Open Design")

)

AND SUBJAREA(MULT OR CENG OR CHEM OR COMP OR EART OR ENER OR ENGI OR ENVI OR MATE OR MATH OR PHYS OR MULT OR ARTS OR BUSI OR DECI OR ECON OR PSYC OR SOCI)

AND (  
LIMIT-TO(SUBJAREA,"ARTS" )   
)

AND (  
LIMIT-TO(LANGUAGE,"English" )   
)   
AND (  
LIMIT-TO(DOCTYPE,"cp" )   
OR LIMIT-TO(DOCTYPE,"ar" )   
OR LIMIT-TO(DOCTYPE,"ch" )   
OR LIMIT-TO(DOCTYPE,"bk" )   
)   
AND (  
EXCLUDE(SUBJAREA,"ECON" )   
OR EXCLUDE(SUBJAREA,"MEDI" )   
OR EXCLUDE(SUBJAREA,"NEUR" )   
OR EXCLUDE(SUBJAREA,"ENVI" )   
OR EXCLUDE(SUBJAREA,"MATH" )   
OR EXCLUDE(SUBJAREA,"HEAL" )   
OR EXCLUDE(SUBJAREA,"NURS" )   
OR EXCLUDE(SUBJAREA,"AGRI" )   
OR EXCLUDE(SUBJAREA,"BIOC" )   
OR EXCLUDE(SUBJAREA,"EART" )   
)

**Search 4 - Bespoke (121 documents)**

(

TITLE-ABS-KEY("Bespoke")

)

AND SUBJAREA(MULT OR CENG OR CHEM OR COMP OR EART OR ENER OR ENGI OR ENVI OR MATE OR MATH OR PHYS OR MULT OR ARTS OR BUSI OR DECI OR ECON OR PSYC OR SOCI)

AND (  
LIMIT-TO(LANGUAGE,"English" )   
)

AND (  
LIMIT-TO(DOCTYPE,"cp" )   
OR LIMIT-TO(DOCTYPE,"ar" )   
OR LIMIT-TO(DOCTYPE,"ch" )   
OR LIMIT-TO(DOCTYPE,"bk" )   
)   
AND (  
EXCLUDE(SUBJAREA,"ECON" )   
OR EXCLUDE(SUBJAREA,"MEDI" )   
OR EXCLUDE(SUBJAREA,"NEUR" )   
OR EXCLUDE(SUBJAREA,"ENVI" )   
OR EXCLUDE(SUBJAREA,"MATH" )   
OR EXCLUDE(SUBJAREA,"HEAL" )   
OR EXCLUDE(SUBJAREA,"NURS" )   
OR EXCLUDE(SUBJAREA,"AGRI" )   
OR EXCLUDE(SUBJAREA,"BIOC" )   
OR EXCLUDE(SUBJAREA,"EART" )   
)   
AND (  
LIMIT-TO(EXACTKEYWORD,"Design" )   
OR LIMIT-TO(EXACTKEYWORD,"Product Design" )   
OR LIMIT-TO(EXACTKEYWORD,"Product Development" )   
)

**Search 6 – Digital Fabrication / Social Manufacturing) (11 documents)**

(

TITLE-ABS-KEY("Digital Fabrication" or "3D Printing" or "Additive Manufacturing")

AND TITLE-ABS-KEY("Co-Production" or "Social production" or "social manufacturing")

)

AND SUBJAREA(MULT OR CENG OR CHEM OR COMP OR EART OR ENER OR ENGI OR ENVI OR MATE OR MATH OR PHYS OR MULT OR ARTS OR BUSI OR DECI OR ECON OR PSYC OR SOCI)

AND (  
LIMIT-TO(LANGUAGE,"English" )   
)

**Search 7 – Digital Fabrication / Maker Movement / Fabbing (76 documents)**

(

TITLE-ABS-KEY("Digital Fabrication" or "3D Printing" or "Additive Manufacturing")

AND TITLE-ABS-KEY("Makerspace\*" or "Maker Movement" or "Fab" or "Fabbing" or "Personal Fabricat\*" or "Personal Manufactur\*" or "Personal Produc\*")

)

AND SUBJAREA(MULT OR CENG OR CHEM OR COMP OR EART OR ENER OR ENGI OR ENVI OR MATE OR MATH OR PHYS OR MULT OR ARTS OR BUSI OR DECI OR ECON OR PSYC OR SOCI)

AND (  
LIMIT-TO(LANGUAGE,"English" )   
)

**Search 8 – Digital Fabrication /New Industrial Revolution (6 documents)**

(

TITLE-ABS-KEY("Digital Fabrication" or "3D Printing" or "Additive Manufacturing")

AND TITLE-ABS-KEY("New Industrial Revolution" or "3rd Industrial Revolution")

)

AND SUBJAREA(MULT OR CENG OR CHEM OR COMP OR EART OR ENER OR ENGI OR ENVI OR MATE OR MATH OR PHYS OR MULT OR ARTS OR BUSI OR DECI OR ECON OR PSYC OR SOCI)

AND (  
LIMIT-TO(LANGUAGE,"English" )   
)

**Search 9 – Prosumption / Grass Roots Innovation (341 documents)**

(

TITLE-ABS-KEY("Prosum\*")

OR TITLE-ABS-KEY("Grass Roots Innovation")

AND NOT TITLE-ABS-KEY("Software" or "Video" or "Media")

)

AND SUBJAREA(MULT OR CENG OR CHEM OR COMP OR EART OR ENER OR ENGI OR ENVI OR MATE OR MATH OR PHYS OR MULT OR ARTS OR BUSI OR DECI OR ECON OR PSYC OR SOCI)

AND (  
EXCLUDE(EXACTKEYWORD,"Smart Power Grids" )   
)   
AND (  
LIMIT-TO(LANGUAGE,"English" )   
)   
AND (  
EXCLUDE(SUBJAREA,"PHYS" )   
OR EXCLUDE(SUBJAREA,"MATE" )   
OR EXCLUDE(SUBJAREA,"CHEM" )   
OR EXCLUDE(SUBJAREA,"EART" )   
OR EXCLUDE(SUBJAREA,"BIOC" )   
OR EXCLUDE(SUBJAREA,"AGRI" )   
OR EXCLUDE(SUBJAREA,"CENG" )   
OR EXCLUDE(SUBJAREA,"MEDI" )   
)   
AND (  
EXCLUDE(DOCTYPE,"re" )   
OR EXCLUDE(DOCTYPE,"cr" )   
OR EXCLUDE(DOCTYPE,"ip" )   
OR EXCLUDE(DOCTYPE,"ed" )   
OR EXCLUDE(DOCTYPE,"no" )   
)

**Computer Science results (136 documents)**

**Social Science results (68 documents)**

**Engineering results (118 documents)**

**Search 10 – Product Personalisation (92 documents)**

(

TITLE-ABS-KEY("Consumer" or "User" or "End-user")

AND TITLE-ABS-KEY("Product Customi\*ation\*" or "Product Personali\*ation" )

)

AND SUBJAREA(MULT OR CENG OR CHEM OR COMP OR EART OR ENER OR ENGI OR ENVI OR MATE OR MATH OR PHYS OR MULT OR ARTS OR BUSI OR DECI OR ECON OR PSYC OR SOCI)

AND (  
LIMIT-TO(LANGUAGE,"English" )   
)   
AND (  
EXCLUDE(DOCTYPE,"re" )   
OR EXCLUDE(DOCTYPE,"cr" )   
OR EXCLUDE(DOCTYPE,"ip" )   
OR EXCLUDE(DOCTYPE,"ed" )   
OR EXCLUDE(DOCTYPE,"no" )   
)

**Search 11 – Customisation Toolkits (90 documents)**

(

TITLE-ABS-KEY("Consumer" or "User" or "End-user")

AND TITLE-ABS-KEY("Toolkit" )

AND TITLE-ABS-KEY("Product Customi\*ation\*" or "Product Personali\*ation" )

)

AND SUBJAREA(MULT OR CENG OR CHEM OR COMP OR EART OR ENER OR ENGI OR ENVI OR MATE OR MATH OR PHYS OR MULT OR ARTS OR BUSI OR DECI OR ECON OR PSYC OR SOCI)

AND (  
LIMIT-TO(LANGUAGE,"English" )   
)   
AND (  
EXCLUDE(DOCTYPE,"re" )   
OR EXCLUDE(DOCTYPE,"cr" )   
OR EXCLUDE(DOCTYPE,"ip" )   
OR EXCLUDE(DOCTYPE,"ed" )   
OR EXCLUDE(DOCTYPE,"no" )