

# CITATION REPORT

List of articles citing

The future of drug discovery and development:  
Shifting emphasis towards personalized medicine

DOI: 10.1016/j.techfore.2009.09.005

Technological Forecasting and Social Change, 2010, 77, 203-21

**Source:** <https://exaly.com/paper-pdf/48027852/citation-report.pdf>

**Version:** 2024-04-10

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
60	Bipodal PEGylated alkanethiol for the enhanced electrochemical detection of genetic markers involved in breast cancer. <i>Biosensors and Bioelectronics</i> , <b>2010</b> , 26, 1500-6	11.8	24
59	Electrochemical genosensor based on three-dimensional DNA polymer brushes monolayers. <i>Electrochemistry Communications</i> , <b>2011</b> , 13, 1155-1158	5.1	9
58	Linking molecular biomarkers with higher level condition indicators to identify effects of copper exposures on the endangered delta smelt ( <i>Hypomesus transpacificus</i> ). <i>Environmental Toxicology and Chemistry</i> , <b>2011</b> , 30, 290-300	3.8	24
57	Improving oncology outcomes through targeted therapeutics will require electronic delivery systems. <i>Future Oncology</i> , <b>2011</b> , 7, 649-56	3.6	4
56	In silico screening of indinavir-based compounds targeting proteolytic activity in HIV PR: binding pocket fit approach. <i>Medicinal Chemistry Research</i> , <b>2012</b> , 21, 4060-4068	2.2	27
55	An empirical study of commercialization performance on nanoproducs. <i>Technovation</i> , <b>2012</b> , 32, 168-178	7.9	28
54	Market challenges facing academic research in commercializing nano-enabled implantable devices for in-vivo biomedical analysis. <i>Technovation</i> , <b>2012</b> , 32, 193-204	7.9	40
53	Exploration and exploitation within and across intra-organisational domains and their reactions to firm-level failure. <i>Technology Analysis and Strategic Management</i> , <b>2012</b> , 24, 129-149	3.2	12
52	Big Pharma, Little Science? A Bibliometric Perspective on Big Pharma's R&D Decline. <i>SSRN Electronic Journal</i> , <b>2012</b> ,	1	4
51	The herbivore's prescription. 78-100		6
50	Rapid DNA hybridization in microfluidics. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2012</b> , 33, 9-22	14.6	18
49	A prospective overview of the essential requirements in molecular modeling for nanomedicine design. <i>Future Medicinal Chemistry</i> , <b>2013</b> , 5, 929-46	4.1	8
48	The pharmaceutical technology landscape: A new form of technology roadmapping. <i>Technological Forecasting and Social Change</i> , <b>2013</b> , 80, 194-211	9.5	64
47	The Anticipation of Converging Industries. <b>2013</b> ,		26
46	Mesoporous gadolino-aluminosilicate nanoparticles as magnetic resonance imaging contrast agents. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 1219-1222	7.3	6
45	Conceptual Framework and Research Design. <b>2013</b> , 127-171		0
44	Use of optical imaging to progress novel therapeutics to the clinic. <i>Journal of Controlled Release</i> , <b>2013</b> , 172, 523-34	11.7	25

43	Design of an implantable nano-enabled biomedical device for in-vivo glucose monitoring. <b>2014</b> ,		
42	Modeling Drug Delivery in Gravity-Driven Microfluidic System. <b>2014</b> ,		1
41	A consumer adoption model for personalized medicine: an exploratory study. <i>International Journal of Pharmaceutical and Healthcare Marketing</i> , <b>2014</b> , 8, 371-391	1.3	2
40	Clinical Translation and Regulations of Theranostics. <b>2014</b> , 439-456		3
39	Big Pharma, little science?. <i>Technological Forecasting and Social Change</i> , <b>2014</b> , 81, 22-38	9.5	77
38	Path-breaking target therapies for lung cancer and a far-sighted health policy to support clinical and cost effectiveness. <i>Health Policy and Technology</i> , <b>2014</b> , 3, 74-82	4.8	43
37	Personal Wellness: Complex and Elusive Product and Distributed Self-services. <i>Procedia CIRP</i> , <b>2014</b> , 16, 283-288	1.8	9
36	Converging scientific fields and new technological paradigms as main drivers of the division of scientific labour in drug discovery process: the effects on strategic management of the R&D corporate change. <i>Technology Analysis and Strategic Management</i> , <b>2014</b> , 26, 733-749	3.2	59
35	A new look at the corporate capability of personalized medicine development in the pharmaceutical industry. <i>R and D Management</i> , <b>2015</b> , 45, 94-103	4.1	3
34	Automated tumor analysis for molecular profiling in lung cancer. <i>Oncotarget</i> , <b>2015</b> , 6, 27938-52	3.3	30
33	How stakeholder shape innovation in controversial industries: the biotechnology industry in Germany. <i>Uwf UmweltWirtschaftsForum</i> , <b>2015</b> , 23, 77-86		3
32	Combining the scenario technique with bibliometrics for technology foresight: The case of personalized medicine. <i>Technological Forecasting and Social Change</i> , <b>2015</b> , 98, 137-156	9.5	28
31	External environment, the innovating organization, and its individuals: A multilevel model for identifying innovation barriers accounting for social uncertainties. <i>Journal of Engineering and Technology Management - JET-M</i> , <b>2015</b> , 35, 45-70	3.7	41
30	A Quantitative Assessment of Factors Affecting the Technological Development and Adoption of Companion Diagnostics. <i>Frontiers in Genetics</i> , <b>2015</b> , 6, 357	4.5	9
29	Innovation through M&A in the biopharmaceutical sector. <i>Strategic Direction</i> , <b>2016</b> , 32, 27-29	0.6	1
28	The knowledge production model of the New Sciences: The case of Translational Medicine. <i>Technological Forecasting and Social Change</i> , <b>2016</b> , 111, 12-21	9.5	4
27	Problem-driven innovations in drug discovery: Co-evolution of the patterns of radical innovation with the evolution of problems. <i>Health Policy and Technology</i> , <b>2016</b> , 5, 143-155	4.8	45
26	3D bioprinting for drug discovery and development in pharmaceuticals. <i>Acta Biomaterialia</i> , <b>2017</b> , 57, 26-46	10.8	162

25	Sources of technological innovation: Radical and incremental innovation problem-driven to support competitive advantage of firms. <i>Technology Analysis and Strategic Management</i> , <b>2017</b> , 29, 1048-1061	3.2	138
24	Designer bacteria as intratumoural enzyme biofactories. <i>Advanced Drug Delivery Reviews</i> , <b>2017</b> , 118, 8-23	18.5	15
23	Bioinformatics for Diseases Management: A Personalized Therapeutics Prospective. <b>2017</b> , 187-199		
22	Sant� digitale : promesses, d�fis et craintes. Une revue de la litt�rature. <i>Pratiques Psychologiques</i> , <b>2017</b> , 23, 61-77	0.3	8
21	Radical and Incremental Innovation Problem-Driven to Support Competitive Advantage of Firms. <i>SSRN Electronic Journal</i> , <b>2017</b> ,	1	1
20	Emerging Technology in Cartilage Repair: Analysis with a Substitution Model of Technological Change. <i>SSRN Electronic Journal</i> , <b>2017</b> ,	1	1
19	Balancing comprehensiveness and parsimony: Towards a context-specific barrier identification across multiple levels combined with complexity reduction through barrier groups. <i>Journal of Engineering and Technology Management - JET-M</i> , <b>2018</b> , 49, 46-59	3.7	1
18	3D bioprinting of tissues and organs for regenerative medicine. <i>Advanced Drug Delivery Reviews</i> , <b>2018</b> , 132, 296-332	18.5	232
17	Understanding and utilizing the biomolecule/nanosystems interface. <b>2018</b> , 207-297		10
16	Uncovering the dynamics of market convergence through M&A. <i>Technological Forecasting and Social Change</i> , <b>2019</b> , 138, 95-114	9.5	16
15	What to expect from assisted reproductive technologies? Experts' forecasts for the next two decades. <i>Technological Forecasting and Social Change</i> , <b>2019</b> , 148, 119722	9.5	6
14	Scaffold-free bioprinted osteogenic and chondrogenic systems to model osteochondral physiology. <i>Biomedical Materials (Bristol)</i> , <b>2019</b> , 14, 065010	3.5	7
13	Co-evolutionary and systemic study on the evolution of emerging stem cell-based therapies. <i>Technological Forecasting and Social Change</i> , <b>2019</b> , 138, 324-339	9.5	3
12	Drug Repositioning: New Approaches and Future Prospects for Life-Debilitating Diseases and the COVID-19 Pandemic Outbreak. <i>Viruses</i> , <b>2020</b> , 12,	6.2	28
11	Are bibliometric measures consistent with scientists' perceptions? The case of interdisciplinarity in research. <i>Scientometrics</i> , <b>2021</b> , 126, 7477-7502	3	1
10	Artificial Intelligence in 3D Printing: A Revolution in Health Care. <i>Lecture Notes in Bioengineering</i> , <b>2022</b> , 57-79	0.8	2
9	Path-Breaking Innovations for Lung Cancer: A Revolution in Clinical Practice. <i>SSRN Electronic Journal</i> ,	1	17
8	The Biological Significance of Nano� Interactions. <i>Springer Series in Biophysics</i> , <b>2013</b> , 1-20		

7	Geschäftsmodelle in der Personalisierten Medizin im Konzeptioneller Rahmen zum Status Quo und Perspektiven. <b>2015</b> , 1-37		1
6	Der Wandel dominanter Geschäftslogiken durch die Personalisierte Medizin. <b>2015</b> , 39-66		
5	Quo vadis artificial intelligence and personalized medicine?. <i>Future Drug Discovery</i> ,	2	
4	Advances in microfluidic 3D cell culture for preclinical drug development.. <i>Progress in Molecular Biology and Translational Science</i> , <b>2022</b> , 187, 163-204	4	2
3	System and network biology-based computational approaches for drug repositioning. <b>2022</b> , 267-290		2
2	Application of Calcium Alginate Hydrogels in Semi-solid Extrusion 3D Printing for the Production of Easy-to-Swallow Tablets.		0
1	Concluding Thoughts. <b>2023</b> , 215-226		0