



# Document details

< Back to results | 1 of 1

↗ Export ↴ Download 🖨 Print ✉ E-mail 📄 Save to PDF ☆ Add to List More... >

Jurnal Pengurusan  
Volume 57, 2019

Board Size, Chief Risk Officer and Risk-taking in Islamic Banks :  
Role of Shariah Supervisory Board (Article)

[Saiz Lembaga Pengarah, Ketua Pegawai Risiko dan Pengambilan Risiko di  
Bank - bank Islam: Peranan Lembaga Penyeliaan Syariah]

Najwa, N.A.<sup>a</sup> ✉, Ramly, Z.<sup>b</sup> ✉, Haron, R.<sup>a</sup> ✉

<sup>a</sup>IUUM Institute of Islamic Banking and Finance, International Islamic University Malaysia (Gombak Campus), Kuala Lumpur, 53100, Malaysia

<sup>b</sup>Department of Finance Kulliyah of Economics and Management Sciences, International Islamic University Malaysia (Gombak Campus), Kuala Lumpur, 53100, Malaysia

## Abstract

↕ View references (74)

This paper aims to examine the moderating effect of Shariah Supervisory Boards (SSBs) on the relationship between board size, Chief Risk Officer (CRO), and risk-taking of 24 Islamic banks (IBs) in Malaysia, Indonesia and Brunei from 2010 to 2015. This approach integrates the arguments of agency theory and resource dependence theory. The results of panel regression indicate that the appointment of a CRO as an executive board member reduces credit risk, implying that the appointment of a CRO as a risk expert in IBs enhances the management of risk and monitoring of risk-taking activities. Further, larger board is likely to reduce insolvency risk when an SSB has higher percentage of members with supervisory Shariah experience. Next, this study observes that larger SSB size and a higher percentage of members with Shariah supervision experience moderate the relationship between the CRO and insolvency risk. Overall, this study highlights the important role of board size, CRO and SSB in the risk-taking of Islamic banks, which have received little attention in the extant literature. © 2019 Penerbit Universiti Kebangsaan Malaysia. All rights reserved.

## SciVal Topic Prominence ⓘ

Topic: Corporate governance | Boards | Corporate boards

Prominence percentile: 99.384



## Author keywords

Board size

Chief Risk Officer

Islamic banks

Risk taking

Shariah Supervisory Board

Metrics ⓘ View all metrics >



PlumX Metrics



Usage, Captures, Mentions,  
Social Media and Citations  
beyond Scopus.

Cited by 0 documents

Inform me when this document  
is cited in Scopus:

Set citation alert >

Set citation feed >

## Related documents

Find more related documents in  
Scopus based on:

Authors > Keywords >

ISSN: 01272713

Source Type: Journal

Original language: English

Document Type: Article

Publisher: Penerbit Universiti Kebangsaan Malaysia

- 1 Rahman, A.A., Bukair, A.A.

The influence of the Shariah supervision board on corporate social responsibility disclosure by Islamic banks of Gulf Co-operation Council countries

(2013) *Asian Journal of Business and Accounting*, 6 (2), pp. 65-105. Cited 34 times.  
[http://ajba.um.edu.my/filebank/published\\_article/5989/AJBA\\_3.pdf](http://ajba.um.edu.my/filebank/published_article/5989/AJBA_3.pdf)

- 2 Rahman, A.A., Shahimi, S.

Credit risk and financing structure of Malaysian Islamic banks

(2010) *Journal of Economic Cooperation and Development*, 31 (3), pp. 83-105. Cited 14 times.  
[http://www.sesric.org/jecd/jecd\\_articles/ART09111601-2.pdf](http://www.sesric.org/jecd/jecd_articles/ART09111601-2.pdf)

- 3 Abdul Rahman, A., Ibrahim, I., Mydin Meera, A.K.

Lending structure and bank insolvency risk: A comparative study between the Islamic and conventional banks

(2009) *Journal of Business & Policy Research*, 4 (2), pp. 189-211. Cited 11 times.

- 4 Abedifar, P., Molyneux, P., Tarazi, A.

Risk in Islamic banking

(2013) *Review of Finance*, 17 (6), pp. 2035-2096. Cited 167 times.  
doi: 10.1093/rof/rfs041

[View at Publisher](#)

- 5 Abreu, M., Mendes, V.

(2002) *Commercial Bank Interest Margins and Profitability: Evidence from Some E.U. Countries*, University of Porto Working Paper Series, 122

- 6 Adam, R., Mehran, H.

Is corporate governance different for bank holding companies

(2003) *Federal Reserve Bank of New York Economic Policy Review*, 9, pp. 123-141. Cited 265 times.

- 7 Adams, R.B., Hermalin, B.E., Weisbach, M.S.

The role of boards of directors in corporate governance: A conceptual framework and survey

(2010) *Journal of Economic Literature*, 48 (1), pp. 58-107. Cited 639 times.  
<http://pubs.aeaweb.org/doi/pdfplus/10.1257/jel.48.1.58>  
doi: 10.1257/jel.48.1.58

[View at Publisher](#)

- 8 Aebi, V., Sabato, G., Schmid, M.

Risk management, corporate governance, and bank performance in the financial crisis

(2012) *Journal of Banking and Finance*, 36 (12), pp. 3213-3226. Cited 241 times.  
doi: 10.1016/j.jbankfin.2011.10.020

[View at Publisher](#)

- 9 Afzal, A., Mirza, N.  
Size, diversification and risk: Preliminary evidence from commercial banks in Pakistan  
(2012) *Pakistan Journal of Commerce and Social Science*, 6 (2), pp. 282-296. Cited 6 times.
- 
- 10 Allen, M.P.  
(1997) *Understanding Regression Analysis*. Cited 129 times.  
New York: Plenum Press
- 
- 11 Alman, M.  
Shariah supervisory board composition effects on Shariah compliance in contemporary Islamic Finance  
(2012) *Journal of Banking Regulation*, 14 (2), pp. 134-163. Cited 8 times.
- 
- 12 Amanullah, M.  
Criteria of Shari'ah supervisory committee: A comparative study between guidelines of Bangladesh Bank and Bank Negara Malaysia  
  
(2015) *Intellectual Discourse*, 23, pp. 453-473. Cited 3 times.  
<http://journals.iium.edu.my/intdiscourse/index.php/islam/article/download/696/532>
- 
- 13 Amoozegar, A., Pukthuanthong, K., Walker, T.J.  
On the role of the chief risk officer and the risk committee in insuring financial institutions against litigation  
  
(2017) *Managerial Finance*, 43 (1), pp. 19-43. Cited 2 times.  
<http://www.emeraldgroupublishing.com/mf.htm>  
doi: 10.1108/MF-05-2016-0127  
  
View at Publisher
- 
- 14 Andres, P.d., Vallelado, E.  
Corporate governance in banking: The role of the board of directors  
  
(2008) *Journal of Banking and Finance*, 32 (12), pp. 2570-2580. Cited 314 times.  
doi: 10.1016/j.jbankfin.2008.05.008  
  
View at Publisher
- 
- 15 Angkinand, A., Wihlborg, C.  
Deposit insurance coverage, ownership, and banks' risk-taking in emerging markets  
  
(2010) *Journal of International Money and Finance*, 29 (2), pp. 252-274. Cited 74 times.  
doi: 10.1016/j.jimonfin.2009.08.001  
  
View at Publisher
- 
- 16 Bhagat, S., Bolton, B., Lu, J.  
Size, leverage, and risk-taking of financial institutions  
  
(2015) *Journal of Banking and Finance*, 59, pp. 520-537. Cited 27 times.  
<http://www.elsevier.com/locate/jbankfin>  
doi: 10.1016/j.jbankfin.2015.06.018  
  
View at Publisher
-

- 17 Bokpin, G.A.  
Bank governance, regulation and risk-taking in Ghana  
(2016) *Journal of African Business*, 17 (1), pp. 52-68. Cited 4 times.  
<http://www.tandfonline.com/toc/wjab20/current>  
doi: 10.1080/15228916.2016.1106851  
  
View at Publisher
- 
- 18 Bourakba, C., Zerargui, H.  
The relationship between credit risk and corporate governance in Islamic banking: An empirical study  
(2015) *Issues in Business Management and Economics*, 3 (4), pp. 67-73. Cited 2 times.
- 
- 19 Carletti, E., Hartmann, P.  
Competition and stability: What's special about banking?  
(2003) *European Central Bank Working Paper*  
146
- 
- 20 Casu, B., Clare, A., Sarkisyan, A., Thomas, S.  
Does securitization reduce credit risk taking? Empirical evidence from US bank holding companies  
(2011) *European Journal of Finance*, 17 (9-10), pp. 769-788. Cited 20 times.  
doi: 10.1080/1351847X.2010.538526  
  
View at Publisher
- 
- 21 Chan, S.-G., Koh, E.H.Y., Karim, M.Z.A.  
The Chinese banks' directors and their risk-taking behavior: A corporate governance and finance perspective  
(2016) *Chinese Management Studies*, 10 (2), pp. 291-311. Cited 3 times.  
<http://www.emeraldinsight.com/info/journals/cms/cms.jsp>  
doi: 10.1108/CMS-10-2015-0226  
  
View at Publisher
- 
- 22 Chen, S., Nazir, M.I., Hashmi, S.H., Shaikh, R.  
Bank competition, foreign bank entry, and risk-taking behavior: Cross country evidence  
(2019) *Journal of Risk and Financial Management*, 12, pp. 1-26.
- 
- 23 Daud, W.N., Yazid, A., Hussin, M.  
The effect of chief risk officer (CRO) on enterprise risk management (ERM) practices: Evidence from Malaysia  
(2011) *International Business and Economics Research Journal*, 9 (11), pp. 55-64. Cited 19 times.
- 
- 24 Demirgüç-Kunt, A., Detragiache, E.  
The Determinants of Banking Crises in Developing and Developed Countries  
(1998) *IMF Staff Papers*, 45 (1), pp. 81-109. Cited 551 times.  
  
View at Publisher
-

- 25 Demsetz, R.S., Strahan, P.E.  
**Diversification, size, and risk at bank holding companies**  
(1997) *Journal of Money, Credit and Banking*, 29 (3), pp. 300-313. Cited 390 times.  
<http://www.blackwellpublishing.com>  
doi: 10.2307/2953695  
  
View at Publisher
- 
- 26 Demsetz, R.S., Saldenber, M.R., Strahan, P.E.  
(1997) *Agency Problems and Risk-Taking at Banks*. Cited 69 times.  
Federal Reserve Bank of New York Working Paper
- 
- 27 Dogan, M., Yildiz, F.  
The impact of the board of directors' size on the bank's performance: Evidence from Turkey  
(2013) *European Journal of Business and Management*, 5 (6), pp. 130-140. Cited 6 times.
- 
- 28 Ellul, A., Yerramilli, V.  
**Stronger risk controls, lower risk: Evidence from U.S. bank holding companies**  
(2013) *Journal of Finance*, 68 (5), pp. 1757-1803. Cited 177 times.  
doi: 10.1111/jofi.12057  
  
View at Publisher
- 
- 29 Fakhrunnas, F., Ramly, Z.  
Board of directors and risk-taking behavior of Islamic banks in South East Asia  
(2017) *Tazkia Islamic Finance and Business Review*, 10 (2), pp. 162-177. Cited 2 times.
- 
- 30 Galloway, T.M., Lee, W.B., Roden, D.M.  
**Banks' changing incentives and opportunities for risk taking**  
(1997) *Journal of Banking and Finance*, 21 (4), pp. 509-527. Cited 92 times.  
<http://www.elsevier.com/locate/jbankfin>  
doi: 10.1016/S0378-4266(96)00052-0  
  
View at Publisher
- 
- 31 García-Marco, T., Robles-Fernández, M.D.  
**Risk-taking behaviour and ownership in the banking industry: The Spanish evidence**  
(2008) *Journal of Economics and Business*, 60 (4), pp. 332-354. Cited 89 times.  
doi: 10.1016/j.jeconbus.2007.04.008  
  
View at Publisher
- 
- 32 Gascón, F., González Méndez, V.M.  
(2000) *Diversification, Size and Risk at Spanish Banks*  
WP EFMA Athens
-

- 33 Ginena, K.  
Shari'ah risk and corporate governance of Islamic banks  
  
(2014) *Corporate Governance (Bingley)*, 14 (1), pp. 86-103. Cited 19 times.  
<http://www.emeraldinsight.com/info/journals/cg/cg.jsp>  
doi: 10.1108/CG-03-2013-0038  
  
View at Publisher
- 
- 34 Goyal, V.K.  
Market discipline of bank risk: Evidence from subordinated debt contracts  
  
(2005) *Journal of Financial Intermediation*, 14 (3), pp. 318-350. Cited 71 times.  
doi: 10.1016/j.jfi.2004.06.002  
  
View at Publisher
- 
- 35 Gujarati, D., Porter, D.  
(2009) *Basic Econometrics*. Cited 7037 times.  
New York: McGraw-Hill
- 
- 36 Hashim, F., Mahadi, N.D., Amran, A.  
Corporate governance and sustainability practices in Islamic financial institutions: The role of country of origin  
(2015) *Procedia Economics and Finance*, 31, pp. 36-43. Cited 7 times.
- 
- 37 Hillman, A.J., Cannella Jr., A.A., Paetzold, R.L.  
The resource dependence role of corporate directors: Strategic adaptation of board composition in response to environmental change  
  
(2000) *Journal of Management Studies*, 37 (2), pp. 235-255. Cited 579 times.  
  
View at Publisher
- 
- 38 Himaj, S.  
Corporate governance in banks and its impact on risk and performance: Review of literature on the selected governance mechanisms (Open Access)  
  
(2014) *Journal of Central Banking Theory and Practice*, 3 (3), pp. 53-85. Cited 4 times.  
[www.degruyter.com/view/j/jcbtp](http://www.degruyter.com/view/j/jcbtp)  
doi: 10.2478/jcbtp-2014-0015  
  
View at Publisher
- 
- 39 Injas, M.M., Haron, M., Ramli, R., Injas, R.  
The importance of the Shari'ah supervisory boards (SSBs) in the Islamic banking system  
(2016) *South East Asia Journal of Contemporary Business, Economics and Law*, 9 (2), pp. 25-31. Cited 5 times.
- 
- 40 Jaafar, S.S.  
(2017) *Malaysia Leads in Islamic Banking Assets in Region, Says World Bank Report*  
<http://www.theedgemarkets.com/article/Malaysia-Leads-Islamic-Banking-Assets-Region-Says-WorldBank-Report>

- 41 Jensen, M.C., Meckling, W.H.  
Theory of the firm: Managerial behavior, agency costs and ownership structure  
(1976) *Journal of Financial Economics*, 3 (4), pp. 305-360. Cited 21713 times.  
doi: 10.1016/0304-405X(76)90026-X  
[View at Publisher](#)
- 
- 42 JENSEN, M.C.  
The Modern Industrial Revolution, Exit, and the Failure of Internal Control Systems  
(1993) *The Journal of Finance*, 48 (3), pp. 831-880. Cited 3737 times.  
doi: 10.1111/j.1540-6261.1993.tb04022.x  
[View at Publisher](#)
- 
- 43 Keeley, M.C.  
Deposit insurance, risk, and market power in banking  
(1990) *American Economic Review*, 80 (5), pp. 1183-1200. Cited 963 times.  
<http://pubs.aeaweb.org/openurl?genre=journal&stitle=aer>  
[View at Publisher](#)
- 
- 44 Laeven, L., Levine, R.  
Bank governance, regulation and risk taking  
(2009) *Journal of Financial Economics*, 93 (2), pp. 259-275. Cited 932 times.  
doi: 10.1016/j.jfineco.2008.09.003  
[View at Publisher](#)
- 
- 45 Lingel, A., Sheedy, E.A.  
The influence of risk governance on risk outcomes: International evidence  
(2012) *Macquarie Applied Finance Centre Research Paper No. 37*. Cited 3 times.
- 
- 46 Malim, N.A.  
Islamic banking and risk management: Issues and challenges  
(2015) *Journal of Islamic Banking and Finance*, 32 (4), pp. 62-68.
- 
- 47 Matoussi, H., Grassa, R.  
Is corporate governance different for Islamic banks? A comparative analysis between the Gulf Cooperation Council context and the Southeast Asia Context  
(2012) *Economic Research Forum*, 734 (1), pp. 2-28. Cited 6 times.
- 
- 48 Mendes, V., Abreu, M.  
Do macro-financial variables matter for european bank interest margins and profitability  
(2003) *European Integration and Banking Efficiency Workshope*  
Lisbon
-

- 49 Al-Nasser Mohammed, S.A.S., Muhammed, J.  
The relationship between agency theory, stakeholder theory and Shariah supervisory board in Islamic banking: An attempt towards discussion

(2017) *Humanomics*, 33 (1), pp. 75-83. Cited 4 times.  
<http://www.emeraldinsight.com/journals.htm?issn=0828-8666>  
doi: 10.1108/H-08-2016-0062

[View at Publisher](#)

---

- 50 Mohd Ariffin, N., Kasim, S., Abdul Razak, D.  
Exploring application of equity-based financing through Musharakah Mutanaqisah in Islamic banks in Malaysia: Perspective from the industry players  
(2015) *International Journal of Economics, Management and Accounting*, 23 (2), pp. 241-261. Cited 2 times.

- 51 Mokni, R.B.S., Rajhi, M.T., Rachdi, H.  
Bank risk-taking in the MENA region: A comparison between Islamic banks and conventional banks

(2016) *International Journal of Social Economics*, 43 (12), pp. 1367-1385. Cited 5 times.  
<http://www.emeraldinsight.com/info/journals/ijse/ijse.jsp>  
doi: 10.1108/IJSE-03-2015-0050

[View at Publisher](#)

---

- 52 Mollah, S., Zaman, M.  
Shari'ah supervision, corporate governance and performance: Conventional vs. Islamic banks

(2015) *Journal of Banking and Finance*, 58, pp. 418-435. Cited 89 times.  
<http://www.elsevier.com/locate/jbankfin>  
doi: 10.1016/j.jbankfin.2015.04.030

[View at Publisher](#)

---

- 53 Mollah, S., Hassan, M.K., Al Farooque, O., Mobarek, A.  
The governance, risk-taking, and performance of Islamic banks

(2017) *Journal of Financial Services Research*, 51 (2), pp. 195-219. Cited 49 times.  
<http://www.kluweronline.com/issn/0920-8550>  
doi: 10.1007/s10693-016-0245-2

[View at Publisher](#)

---

- 54 Namazi, M., Hosseini-Nia, S.  
The moderating role of corporate governance on the relationship between a firm's product lifecycle and risk-taking  
(2017) *Asian Journal of Accounting and Governance*, 8, pp. 87-100.

- 55 Nomran, N.M., Haron, R., Hassan, R.  
Bank performance and Shari'ah supervisory board attributes by Islamic banks: Does bank size matter?  
(2017) *Journal of Islamic Finance*, pp. 174-187. Cited 3 times.  
Special
-



- 56 Nomran, N.M., Haron, R., Hassan, R.  
Shari'ah supervisory board characteristics effects on Islamic banks' performance:  
Evidence from Malaysia

(2018) *International Journal of Bank Marketing*, 36 (2), pp. 290-304. Cited 7 times.  
<http://www.emeraldinsight.com/info/journals/ijbm/ijbm.jsp>  
doi: 10.1108/IJBM-12-2016-0197

[View at Publisher](#)

---

- 57 Pasiouras, F., Kosmidou, K.  
Factors influencing the profitability of domestic and foreign commercial banks in the  
European Union

(2007) *Research in International Business and Finance*, 21 (2), pp. 222-237. Cited 248 times.  
doi: 10.1016/j.ribaf.2006.03.007

[View at Publisher](#)

---

- 58 Pathan, S.  
Strong boards, CEO power and bank risk-taking

(2009) *Journal of Banking and Finance*, 33 (7), pp. 1340-1350. Cited 292 times.  
doi: 10.1016/j.jbankfin.2009.02.001

[View at Publisher](#)

---

- 59 Pfeffer, J., Salancik, G.  
(1978) *The External Control of Organizations*. Cited 11864 times.  
New York: Harper and Row

- 60 Rachdi, H., Ameer, I.G.  
Board characteristics, performance and risk taking behaviour in Tunisian banks  
(2011) *International Journal of Business and Management*, 6 (6), pp. 88-97. Cited 11 times.

- 61 Rachdi, H., Trabelsi, M.A., Trad, N.  
Banking governance and risk: The case of tunisian conventional banks ([Open Access](#))

(2013) *Review of Economic Perspectives*, 13 (4), pp. 195-206. Cited 3 times.  
<http://versita.com/rep>  
doi: 10.2478/revecp-2013-0009

[View at Publisher](#)

---

- 62 Mat Rahim, S.R., Mahat, F.  
Risk governance: Experience of Islamic banks

(2015) *Risk Governance and Control: Financial Markets and Institutions*, 5 (2), pp. 31-40.  
[http://www.virtusinterpress.org/IMG/pdf/RGC\\_Volume\\_5\\_Issue\\_2\\_2015\\_.pdf](http://www.virtusinterpress.org/IMG/pdf/RGC_Volume_5_Issue_2_2015_.pdf)

- 63 Ramly, Z.  
Impact of corporate governance quality on the cost of equity capital in an emerging market: Evidence from  
Malaysian listed firms  
(2012) *African Journal of Business Management*, 6, pp. 1733-1748. Cited 10 times.

- 64 Ramly, Z.  
Corporate governance and the cost of debt at emerging markets: The case of Malaysian listed firms  
(2013) *Actual Problems of Economics*, 150 (12), pp. 469-479. Cited 2 times.  
<http://www.eco-science.net/jurnali/>
- 
- 65 Salloum, C., Bouri, E., Khalife, D.  
Board of directors and bank performance: Beyond agency theory  
(2013) *International Journal of Business Governance and Ethics*, 8 (3), pp. 265-288. Cited 4 times.  
doi: 10.1504/IJBGE.2013.057379  
  
View at Publisher
- 
- 66 Scherbina, T., Afanasieva, O., Lapina, Y.  
Risk management, corporate governance and investment banking: The role of chief risk officer  
(2013) *Corporate Ownership and Control*, 10 (3 CCONT), pp. 313-326. Cited 5 times.  
[http://virtusinterpress.org/IMG/pdf/COC\\_Volume\\_10\\_Issue\\_3\\_Spring\\_2013\\_Continued2\\_.pdf](http://virtusinterpress.org/IMG/pdf/COC_Volume_10_Issue_3_Spring_2013_Continued2_.pdf)
- 
- 67 Srairi, S.  
Ownership structure and risk-taking behaviour in conventional and Islamic banks: Evidence for MENA countries (Open Access)  
(2013) *Borsa Istanbul Review*, 13 (4), pp. 115-127. Cited 46 times.  
<http://www.journals.elsevier.com/borsa-istanbul-review/>  
doi: 10.1016/j.bir.2013.10.010  
  
View at Publisher
- 
- 68 Stulz, R.M.  
Risk management, governance, culture, and risk taking in banks  
(2016) *Economic Policy Review*, pp. 43-59. Cited 7 times.
- 
- 69 Sundararajan, V., Errico, L.  
Islamic financial institutions and products in the global financial system: Key issues in risk management and challenges ahead  
(2002) *IMF Working Paper*, 2, pp. 1-27. Cited 102 times.
- 
- 70 Toufik, B.B.  
The role of Shari'ah supervisory board in ensuring good corporate governance practice in Islamic banks  
(2015) *International Journal of Contemporary Applied Sciences*, 2 (2), pp. 109-118. Cited 7 times.
- 
- 71 Wang, C.-J.  
Board size and firm risk-taking  
(2012) *Review of Quantitative Finance and Accounting*, 38 (4), pp. 519-542. Cited 31 times.  
doi: 10.1007/s11156-011-0241-4  
  
View at Publisher
-

□ 72 Wijethunga, I.I., Ekanayake, E.  
Element of corporate governance in Islamic banks vs conventional banks: A case study  
(2015) *Journal of Islamic Banking and Finance*, 3 (1), pp. 44-49. Cited 3 times.

□ 73 Wooldrige, J.M.  
(2013) *Introductory Econometrics: A Modern Approach*. Cited 5673 times.  
5th edition. Mason, Ohio: Cengage Learning

□ 74 Yermack, D.  
Higher market valuation of companies with a small board of directors

(1996) *Journal of Financial Economics*, 40 (2), pp. 185-211. Cited 2598 times.

<http://www.elsevier.com/locate/jfineco>

doi: 10.1016/0304-405X(95)00844-5

[View at Publisher](#)

🔍 Ramly, Z.; Department of Finance Kulliyah of Economics and Management Sciences, International Islamic University Malaysia (Gombak Campus), Kuala Lumpur, Malaysia; email:zul\_ramly@iiium.edu.my

© Copyright 2020 Elsevier B.V., All rights reserved.

< Back to results | 1 of 1

^ Top of page

## About Scopus

What is Scopus  
Content coverage  
Scopus blog  
Scopus API  
Privacy matters

## Language

日本語に切り替える  
切换到简体中文  
切换到繁體中文  
Русский язык

## Customer Service

Help  
Contact us

ELSEVIER

[Terms and conditions](#) ↗ [Privacy policy](#) ↗

Copyright © Elsevier B.V. ↗. All rights reserved. Scopus® is a registered trademark of Elsevier B.V.

We use cookies to help provide and enhance our service and tailor content. By continuing, you agree to the use of cookies.

RELX