

Scopus

## Author details

About Scopus Author ID

Print

Tong, Sheng

Follow this Author

ST Tong, Sheng

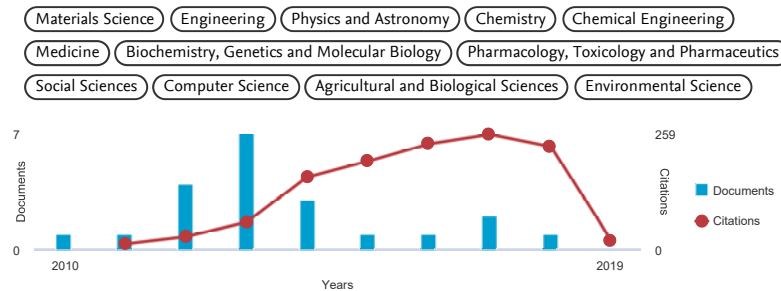
Rice University, Department of Bioengineering,  
Houston, United States  
Author ID: 36659987300  
Other name formats:  
Subject area:

View potential author matches

Bioengineering

Is this

Document and  
citation trends:



h-index: 14

View h-

Documents by author

21

Analyze author c

Total citations

1217 by 1122 documents

View citation ovr

Get citation alerts + Add to ORCID Request author detail corrections Export profile to SciVal












21 Documents Cited by 1122 documents 54 co-authors Author history

View in search results format &gt;

Sort on: Date (newest)

Export all Add all to list Set document alert Set document feed

Document title	Authors	Year	Source	Ci
Spatial control of in vivo CRISPR-Cas9 genome editing via nanomagnets	Zhu, H., Zhang, L., Tong, S., (...), Deshmukh, H., Bao, G.	2018	Nature Biomedical Engineering	
			Article in Press	
View abstract Full Text Finder View at Publisher Related documents				
Size-Dependent Heating of Magnetic Iron Oxide Nanoparticles	Tong, S., Quinto, C.A., Zhang, L., Mohindra, P., Bao, G.	2017	ACS Nano	
			11(7), pp. 6808-6816	
View abstract Full Text Finder View at Publisher Related documents				
Magnetic forces enable controlled drug delivery by disrupting endothelial cell-cell junctions	Qiu, Y., Tong, S., Zhang, L., (...), Lam, W.A., Bao, G.	2017	Nature Communications	
Open Access			8,15594	
View abstract Full Text Finder View at Publisher Related documents				
Accurate quantification of disease markers in human serum using iron oxide nanoparticle-linked immunosorbent assay	Zhang, L., Tong, S., Zhou, J., Bao, G.	2016	Theranostics	
			6(9), pp. 1353-1361	
View abstract Full Text Finder View at Publisher Related documents				
Multifunctional superparamagnetic iron oxide nanoparticles for combined chemotherapy and hyperthermia cancer treatment	Quinto, C.A., Mohindra, P., Tong, S., Bao, G.	2015	Nanoscale	
			7(29), pp. 12728-12736	

Document title	Authors	Year	Source	Ci
View abstract  Full Text Finder View at Publisher Related documents				
Gold nanoshelled liquid perfluorocarbon magnetic nanocapsules: A nanotheranostic platform for bimodal ultrasound/magnetic resonance imaging guided photothermal tumor ablation Open Access	Ke, H., Wang, J., Tong, S., (...), Bao, G., Dai, Z.	2014	Theranostics 4(1), pp. 12-23	
View abstract  Full Text Finder View at Publisher Related documents				
Structural responses of cells to intracellular magnetic force induced by superparamagnetic iron oxide nanoparticles	Shen, H., Tong, S., Bao, G., Wang, B.	2014	Physical Chemistry Chemical Physics 16(5), pp. 1914-1920	
View abstract  Full Text Finder View at Publisher Related documents				
Nanomedicine: Tiny particles and machines give huge gains	Tong, S., Fine, E.J., Lin, Y., Cradick, T.J., Bao, G.	2014	Annals of Biomedical Engineering 42(2), pp. 243-259	
View abstract  Full Text Finder View at Publisher Related documents				
Magnetic targeting of human mesenchymal stem cells with internalized superparamagnetic iron oxide nanoparticles	Landázuri, N., Tong, S., Suo, J., (...), Bao, G., Taylor, W.R.	2013	Small 9(23), pp. 4017-4026	
View abstract  Full Text Finder View at Publisher Related documents				
Indocyanine green loaded SPIO nanoparticles with phospholipid-PEG coating for dual-modal imaging and photothermal therapy	Ma, Y., Tong, S., Bao, G., Gao, C., Dai, Z.	2013	Biomaterials 34(31), pp. 7706-7714	
View abstract  Full Text Finder View at Publisher Related documents				
Controllable in situ synthesis of magnetite coated silica-core water-dispersible hybrid nanomaterials	Qu, H., Tong, S., Song, K., (...), Zhou, W., O'Connor, C.	2013	Langmuir 29(33), pp. 10573-10578	
View abstract  Full Text Finder View at Publisher Related documents				
Multifunctional nanoparticles for drug delivery and molecular imaging	Bao, G., Mitragotri, S., Tong, S.	2013	Annual Review of Biomedical Engineering 15, pp. 253-282	
View abstract  Full Text Finder View at Publisher Related documents				
Tiny grains give huge gains: Nanocrystal-based signal amplification for biomolecule detection	Tong, S., Ren, B., Zheng, Z., Shen, H., Bao, G.	2013	ACS Nano 7(6), pp. 5142-5150	
View abstract  Full Text Finder View at Publisher Related documents				
Substrate stiffness regulates cellular uptake of nanoparticles	Huang, C., Butler, P.J., Tong, S., (...), Bao, G., Zhang, S.	2013	Nano Letters 13(4), pp. 1611-1615	
View abstract  Full Text Finder View at Publisher Related documents				
Gold nanoshell nanomicelles for potential magnetic resonance imaging, light-triggered drug release, and photothermal therapy	Ma, Y., Liang, X., Tong, S., (...), Ren, Q., Dai, Z.	2013	Advanced Functional Materials 23(7), pp. 815-822	
View abstract  Full Text Finder View at Publisher Related documents				

Document title	Authors	Year	Source	Ci
Development of nanoparticle probes for in vivo imaging of atherosclerotic plaques	Zhang, Z., Tong, S., Bao, G.	2012	ASME 2012 Summer Bioengineering Conference, SBC 2012 pp. 957-958	

[Full Text Finder](#) [View at Publisher](#) [Related documents](#)

Numerical simulation of magnetic nanoparticles targeted at an atherosclerotic lesion in the left coronary artery of patient	Suo, J., Tong, S., McDaniel, M., (...), Bao, G., Giddens, D.	2012	ASME 2012 Summer Bioengineering Conference, SBC 2012 pp. 13-14	
---	--	------	--	--

[View abstract](#) [Full Text Finder](#) [View at Publisher](#) [Related documents](#)

Engineering imaging probes and molecular machines for nanomedicine Open Access	Tong, S., Cradick, T.J., Ma, Y., Dai, Z.F., Bao, G.	2012	Science China Life Sciences 55(10), pp. 843-861	
---	---	------	---	--

[View abstract](#) [Full Text Finder](#) [View at Publisher](#) [Related documents](#)

Block copolymer-based gadolinium nanoparticles as MRI contrast agents with high $T_1$ relaxivity	Hou, S., Tong, S., Zhou, J., Bao, G.	2012	Nanomedicine 7(2), pp. 211-218	
--	--------------------------------------	------	--------------------------------	--

[View abstract](#) [Full Text Finder](#) [View at Publisher](#) [Related documents](#)

Self-assembly of phospholipid-PEG coating on nanoparticles through dual solvent exchange	Tong, S., Hou, S., Ren, B., Zheng, Z., Bao, G.	2011	Nano Letters 11(9), pp. 3720-3726	
--	--	------	-----------------------------------	--

[View abstract](#) [Full Text Finder](#) [View at Publisher](#) [Related documents](#)

Display:  [▼](#) results per page

[1](#) [2](#)

[^ Top o](#)

The data displayed above is compiled exclusively from documents indexed in the Scopus database. To request corrections to any inaccuracies or provide any further feedback, please use the [Author Feedback Wizard](#).

## 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 © 2019 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.

 REL