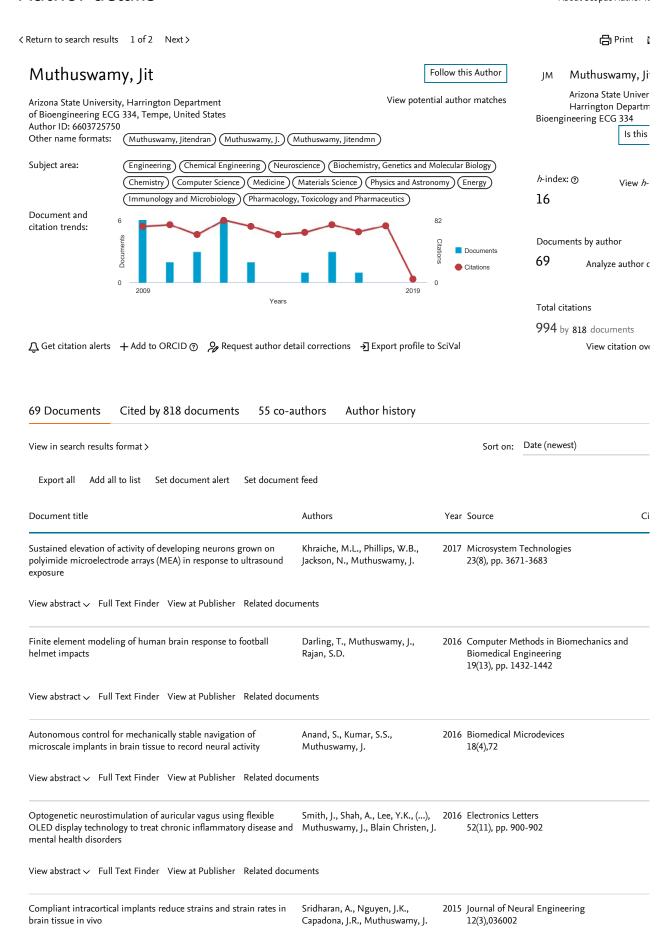
Scopus

Author details

About Scopus Author Ic



Document title	Authors	Year	Source	Ci
View abstract ✓ Full Text Finder View at Publisher Related documents				
Long-term changes in the material properties of brain tissue at the implant-tissue interface	Sridharan, A., Rajan, S.D., Muthuswamy, J.	2013	Journal of Neural Engineering 10(6),066001	
View abstract ✓ Full Text Finder View at Publisher Related documents	nents			
Voltage preconditioning allows modulated gene expression in neurons using PEI-complexed siRNA Open Access	Sridharan, A., Patel, C., Muthuswamy, J.	2013	Molecular Therapy - Nucleic Acids 2,e82	
View abstract ✓ Full Text Finder View at Publisher Related documents				
Electrothermal microactuators with peg drive improve performance for brain implant applications	Anand, S., Sutanto, J., Baker, M.S., Okandan, M., Muthuswamy, J.	2012	Journal of Microelectromechanical Systems 21(5),6239549, pp. 1172-1186	
View abstract ✓ Full Text Finder View at Publisher Related documents				
High efficiency, site-specific transfection of adherent cells with sirna using microelectrode arrays (MEA)	Patel, C., Muthuswamy, J.	2012	Journal of Visualized Experiments (67)	
View abstract ✓ Full Text Finder View at Publisher Related documents				
Multi-modal biochip for simultaneous, real-time measurement of adhesion and electrical activity of neurons in culture	Khraiche, M., Muthuswamy, J.	2012	Lab on a Chip 12(16), pp. 2930-2941	
View abstract ✓ Full Text Finder View at Publisher Related docum	nents			
Packaging and non-hermetic encapsulation technology for flip chip on implantable MEMS devices	Sutanto, J., Anand, S., Sridharan, A., (), Okandan, M., Muthuswamy, J.	2012	Journal of Microelectromechanical Systems 21(4),6182573, pp. 882-896	
View abstract ✓ Full Text Finder View at Publisher Related docum	nents			
Novel first-level interconnect techniques for flip chip on MEMS devices	Sutanto, J., Anand, S., Patel, C., Muthuswamy, J.	2012	Journal of Microelectromechanical Systems 21(1),6069517, pp. 132-144	
View abstract ✓ Full Text Finder View at Publisher Related documents				
Flip-chip based packaging for linear ratcheting microactuators enables 3d stacks of moveble microelectrodes for the brain	Sutanto, J., Anand, S., Korb, R., (), Baker, M., Muthuswamy, J.	2012	Technical Digest - Solid-State Sensors, Actuators, and Microsystems Workshop pp. 157-160	
View abstract ✓ Full Text Finder Related documents				
Adaptive movable neural interfaces for monitoring single neurons in the brain Open Access	Muthuswamy, J., Anand, S., Sridharan, A.	2011	Frontiers in Neuroscience (SEP),Article 94	
View abstract ✓ Full Text Finder View at Publisher Related docum	nents			
Implantable microtechnologies for the brain: Challenges and strategies for reliable operation	Muthuswamy, J., Anand, S., Sutanto, J., Baker, M., Okandan, M.	2011	IEEE International Reliability Physics Symposium Proceedings 5784480, pp. 3B.2.1-3B.2.4	
View abstract ✓ Full Text Finder View at Publisher Related documents				
Gene Injection and Manipulation Using CMOS-Based Technologies (Book Chapter)	Sridharan, A., Muthuswamy, J.	2011	CMOS Biomicrosystems: Where Electronics Meet Biology pp. 407-456	

Document title	Authors	Year Source C
Full Text Finder View at Publisher Related documents		
Highly doped polycrystalline silicon microelectrodes reduce noise in neuronal recordings in vivo	Saha, R., Jackson, N., Patel, C., Muthuswamy, J.	2010 IEEE Transactions on Neural Systems and Rehabilitation Engineering 18(5),5524035, pp. 489-497
View abstract Full Text Finder View at Publisher Related docu	iments	
Long-term neural recordings using MEMS based movable microelectrodes in the brain Open Access	Jackson, N., Sridharan, A., Anand, S., (), Okandan, M., Muthuswamy, J.	2010 Frontiers in Neuroengineering 3(JUN),10
View abstract ✓ Full Text Finder View at Publisher Related docu	iments	
Nonhermetic encapsulation materials for mems-based movable microelectrodes for long-term implantation in the brain	Jackson, N., Anand, S., Okandan, M., Muthuswamy, J.	2009 Journal of Microelectromechanical Systems 18(6),5280304, pp. 1234-1245
View abstract ✓ Full Text Finder View at Publisher Related docu	iments	
Biohybrid photoelectrochemical nanoengineered interfaces	Sridharan, A., Muthuswamy, J., Pizziconi, V.B.	2009 Materials Research Society Symposium Proceedings 1191, pp. 23-28
View abstract ✓ Full Text Finder Related documents		
Display: 20 × results per page	<u>1</u> 2 3 4	^ Top o
the data displayed above is compiled exclusively from documents indexed in the provide any further feedback, please use the Author Feedback Wizard .	e Scopus database. To request corrections t	o any inaccuracies

About Scopus Customer Service Language

日本語に切り替える What is Scopus Content coverage 切换到简体中文

Scopus blog 切換到繁體中文 Scopus API Русский язык

Privacy matters

ELSEVIER Terms and conditions <a>¬ Privacy policy <a>¬

> 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.

Help

Contact us

≪REL