

# Bioresorbable silicon electronic sensors for the brain

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Brain Freeze. <i>Neurosurgery</i> , 2016, 79, N19-N21.	0.6	0
2	A User-Configurable Headstage for Multimodality Neuromonitoring in Freely Moving Rats. <i>Frontiers in Neuroscience</i> , 2016, 10, 382.	1.4	2
3	Frequency Splitting Analysis and Compensation Method for Inductive Wireless Powering of Implantable Biosensors. <i>Sensors</i> , 2016, 16, 1229.	2.1	24
4	A Viewpoint on Wearable Technology-Enabled Measurement of Wellbeing and Health-Related Quality of Life in Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2016, 6, 279-287.	1.5	40
5	A clinical view on the development of technology-based tools in managing Parkinson's disease. <i>Movement Disorders</i> , 2016, 31, 1263-1271.	2.2	131
6	Highly hemo-compatible, mechanically strong, and conductive dual cross-linked polymer hydrogels. <i>Journal of Materials Chemistry B</i> , 2016, 4, 8016-8024.	2.9	28
7	Smart e-Patch for drugs monitoring in schizophrenia. , 2016, , .		18
8	Inorganic dissolvable electronics: materials and devices for biomedicine and environment. <i>Journal of Materials Research</i> , 2016, 31, 2549-2570.	1.2	28
9	Polymers with autonomous life-cycle control. <i>Nature</i> , 2016, 540, 363-370.	13.7	322
10	The rise of plastic bioelectronics. <i>Nature</i> , 2016, 540, 379-385.	13.7	1,280
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12	Insinuating electronics in the brain. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , 2016, 14, 213-218.	0.8	3
13	Bioresorbable silicon electronics for transient spatiotemporal mapping of electrical activity from the cerebral cortex. <i>Nature Materials</i> , 2016, 15, 782-791.	13.3	400
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15	Biodegradable electronics: cornerstone for sustainable electronics and transient applications. <i>Journal of Materials Chemistry C</i> , 2016, 4, 5531-5558.	2.7	184
16	Multiplicity of morphologies in poly ( $\epsilon$ -lactide) bioresorbable vascular scaffolds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11670-11675.	3.3	38
17	Mechanical Force-Triggered Drug Delivery. <i>Chemical Reviews</i> , 2016, 116, 12536-12563.	23.0	247
18	Bioresorbable Intracranial Sensors: A New Frontier for Neurosurgeons. <i>World Neurosurgery</i> , 2016, 93, 421-422.	0.7	0

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20	Nanomaterial-Based Soft Electronics for Healthcare Applications. <i>ChemNanoMat</i> , 2016, 2, 1006-1017.	1.5	65
21	Fully Printed Stretchable Thin-Film Transistors and Integrated Logic Circuits. <i>ACS Nano</i> , 2016, 10, 11459-11468.	7.3	118
22	Biodegradable resistive switching memory based on magnesium difluoride. <i>Nanoscale</i> , 2016, 8, 15048-15055.	2.8	20
23	Thiol-epoxy/maleimide ternary networks as softening substrates for flexible electronics. <i>Journal of Materials Chemistry B</i> , 2016, 4, 5367-5374.	2.9	14
24	Highly elastic polymer substrates with tunable mechanical properties for stretchable electronic applications. <i>RSC Advances</i> , 2016, 6, 107793-107799.	1.7	15
25	Transient Micromotors That Disappear When No Longer Needed. <i>ACS Nano</i> , 2016, 10, 10389-10396.	7.3	109
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60	Nanoscale silicon for subcellular biointerfaces. <i>Journal of Materials Chemistry B</i> , 2017, 5, 4276-4289.	2.9	24
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