

Biomechanics of the Sensor-Tissue Interface”Effects Sensor Performance and the Foreign Body Response”

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Interstitial Fluid Physiology as it Relates to Glucose Monitoring Technologies: Symposium Introduction. <i>Journal of Diabetes Science and Technology</i> , 2011, 5, 579-582.	1.3	3
2	Biomechanics of the Sensor-Tissue Interface—Effects of Motion, Pressure, and Design on Sensor Performance and Foreign Body Response—Part II: Examples and Application. <i>Journal of Diabetes Science and Technology</i> , 2011, 5, 647-656.	1.3	88
3	Challenges and recent progress in the development of a closed-loop artificial pancreas. <i>Annual Reviews in Control</i> , 2012, 36, 255-266.	4.4	155
4	Adaptive Calibration Algorithm for Plasma Glucose Estimation in Continuous Glucose Monitoring. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2013, 17, 530-538.	3.9	23
5	Biocompatible Materials for Continuous Glucose Monitoring Devices. <i>Chemical Reviews</i> , 2013, 113, 2528-2549.	23.0	276
6	Bioinspired Water-Enhanced Mechanical Gradient Nanocomposite Films That Mimic the Architecture and Properties of the Squid Beak. <i>Journal of the American Chemical Society</i> , 2013, 135, 5167-5174.	6.6	112
8	Detecting sensor and insulin infusion set anomalies in an artificial pancreas. , 2013, , .		9
9	Susceptibility of Interstitial Continuous Glucose Monitor Performance to Sleeping Position. <i>Journal of Diabetes Science and Technology</i> , 2013, 7, 863-870.	1.3	58
10	A Novel Method to Detect Pressure-Induced Sensor Attenuations (PISA) in an Artificial Pancreas. <i>Journal of Diabetes Science and Technology</i> , 2014, 8, 1091-1096.	1.3	64
11	Fault Detection and Safety in Closed-Loop Artificial Pancreas Systems. <i>Journal of Diabetes Science and Technology</i> , 2014, 8, 1204-1214.	1.3	39
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15	Size- and shape-dependent foreign body immune response to materials implanted in rodents and non-human primates. <i>Nature Materials</i> , 2015, 14, 643-651.	13.3	700
16	Enhancing Glucose Sensor Models: Modeling the Drop-Outs. <i>Diabetes Technology and Therapeutics</i> , 2015, 17, 420-426.	2.4	4
17	The Biocompatibility of Implant Materials. , 2015, , 37-51.		26
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19	The First-in-Man —Si Se Puede—Study for the use of micro-oxygen sensors (MOXYs) to determine dynamic relative oxygen indices in the feet of patients with limb-threatening ischemia during endovascular therapy. <i>Journal of Vascular Surgery</i> , 2015, 61, 1501-1510.e1.	0.6	52

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21	Impact of CCL2 and CCR2 chemokine/receptor deficiencies on macrophage recruitment and continuous glucose monitoring in vivo. <i>Biosensors and Bioelectronics</i> , 2016, 86, 262-269.	5.3	22
22	Oxidative Stress and Biomaterials. , 2016, , 89-115.		6
23	From Two to One Per Day Calibration of Dexcom G4 Platinum by a Time-Varying Day-Specific Bayesian Prior. <i>Diabetes Technology and Therapeutics</i> , 2016, 18, 472-479.	2.4	16
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44	Blood Glucose Prediction for "Artificial Pancreas" System. , 2017, , .		5
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56	Calibration of Minimally Invasive Continuous Glucose Monitoring Sensors: State-of-The-Art and Current Perspectives. <i>Biosensors</i> , 2018, 8, 24.	2.3	72
57	The Foreign Body Response Demystified. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 19-44.	2.6	113
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66	Biocompatibility of common implantable sensor materials in a tumor xenograft model. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 1620-1633.	1.6	16
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90	RE: The article entitled "Effect of footwear on intramuscular EMG activity of plantar flexor muscles in walking" by PÅter, A., Arndt, A., Hegyi, A., Finni, T., Andersson, E., Alkjaer, T., Tarassova, O., Ronquist, G., Cronin, N. <i>Journal of Electromyography and Kinesiology</i> , 2022, 64, 102661.	0.7	0
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