

Soo Hyun Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2224443/publications.pdf>

Version: 2024-02-01

9
papers

192
citations

1307594

7
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

353
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifunctional hydrogel coatings on the surface of neural cuff electrode for improving electrode-nerve tissue interfaces. <i>Acta Biomaterialia</i> , 2016, 39, 25-33.	8.3	71
2	Sensitive and non-invasive cholesterol determination in saliva <i>via</i> optimization of enzyme loading and platinum nano-cluster composition. <i>Analyst, The</i> , 2020, 145, 908-916.	3.5	48
3	The role of graphene patterning in field-effect transistor sensors to detect the tau protein for Alzheimer's disease: Simplifying the immobilization process and improving the performance of graphene-based immunosensors. <i>Biosensors and Bioelectronics</i> , 2021, 192, 113519.	10.1	17
4	Biofunctionalization of Nerve Interface via Biocompatible Polymerâ€Roughened Pt Black on Cuff Electrode for Chronic Recording. <i>Advanced Healthcare Materials</i> , 2017, 6, 1601022.	7.6	16
5	Biological assessments of multifunctional hydrogel-decorated implantable neural cuff electrode for clinical neurology application. <i>Scientific Reports</i> , 2017, 7, 15245.	3.3	10
6	Strong enzyme immobilization associated by anatase TiO2 sputtered on platinum black nanoclusters to improve sensitivity and long-term stability of electrochemical cholesterol sensor. <i>Sensors and Actuators B: Chemical</i> , 2021, 334, 129617.	7.8	10
7	Nonlinear dynamics of ion concentration polarization in capacitive deionization. <i>Desalination</i> , 2019, 458, 14-24.	8.2	9
8	Electric Stimulation Elicits Heterogeneous Responses in ON but Not OFF Retinal Ganglion Cells to Transmit Rich Neural Information. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2021, 29, 300-309.	4.9	9
9	Dipole-assisted carrier transport in bis(trifluoromethane) sulfonamide-treated O-ReS2 field-effect transistor. <i>Nano Research</i> , 2021, 14, 2207-2214.	10.4	2