

Soo Hyun Lee

List of Publications by Year in descending order

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

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