

# Jiho Shin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11435872/publications.pdf>

Version: 2024-02-01

17  
papers

3,691  
citations

687363

13  
h-index

1058476

14  
g-index

17  
all docs

17  
docs citations

17  
times ranked

5829  
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term reliable physical health monitoring by sweat pore-inspired perforated electronic skins. <i>Science Advances</i> , 2021, 7, .	10.3	89
2	Bioresorbable photonic devices for the spectroscopic characterization of physiological status and neural activity. <i>Nature Biomedical Engineering</i> , 2019, 3, 644-654.	22.5	98
3	Bioresorbable optical sensor systems for monitoring of intracranial pressure and temperature. <i>Science Advances</i> , 2019, 5, eaaw1899.	10.3	146
4	Transient Light-Emitting Diodes Constructed from Semiconductors and Transparent Conductors that Biodegrade Under Physiological Conditions. <i>Advanced Materials</i> , 2019, 31, e1902739.	21.0	43
5	Integrated Bioresorbable Optical Sensor Systems for Biomedical Pressure and Temperature Monitoring. , 2019, , .		3
6	Bioresorbable pressure sensors protected with thermally grown silicon dioxide for the monitoring of chronic diseases and healing processes. <i>Nature Biomedical Engineering</i> , 2019, 3, 37-46.	22.5	185
7	Wireless bioresorbable electronic system enables sustained nonpharmacological neuroregenerative therapy. <i>Nature Medicine</i> , 2018, 24, 1830-1836.	30.7	331
8	Flexible Transient Optical Waveguides and Surface-Wave Biosensors Constructed from Monocrystalline Silicon. <i>Advanced Materials</i> , 2018, 30, e1801584.	21.0	55
9	Optical Waveguides: Flexible Transient Optical Waveguides and Surface-Wave Biosensors Constructed from Monocrystalline Silicon ( <i>Adv. Mater.</i> 32/2018). <i>Advanced Materials</i> , 2018, 30, 1870239.	21.0	1
10	Bioresorbable silicon electronic sensors for the brain. <i>Nature</i> , 2016, 530, 71-76.	27.8	778
11	Transient Electronics: Thermally Triggered Degradation of Transient Electronic Devices ( <i>Adv. Mater.</i> ) Tj ETQq1 1 0.784314 rgBT /Overloc	21.0	0
12	Transient Eletronics: Biodegradable Thin Metal Foils and Spin-On Glass Materials for Transient Electronics ( <i>Adv. Funct. Mater.</i> 12/2015). <i>Advanced Functional Materials</i> , 2015, 25, 1904-1904.	14.9	0
13	Thermally Triggered Degradation of Transient Electronic Devices. <i>Advanced Materials</i> , 2015, 27, 3783-3788.	21.0	153
14	Biodegradable Thin Metal Foils and Spin-On Glass Materials for Transient Electronics. <i>Advanced Functional Materials</i> , 2015, 25, 1789-1797.	14.9	135
15	Biodegradable Elastomers and Silicon Nanomembranes/Nanoribbons for Stretchable, Transient Electronics, and Biosensors. <i>Nano Letters</i> , 2015, 15, 2801-2808.	9.1	281
16	Dissolution Chemistry and Biocompatibility of Silicon- and Germanium-Based Semiconductors for Transient Electronics. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 9297-9305.	8.0	147
17	Multifunctional wearable devices for diagnosis and therapy of movement disorders. <i>Nature Nanotechnology</i> , 2014, 9, 397-404.	31.5	1,246