Youngjun Yun

List of Publications by Year in descending order

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18	3,861	686830 13	839053 18
papers	citations	h-index	g-index

18	18	18	5086
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Skin electronics from scalable fabrication of an intrinsically stretchable transistor array. Nature, 2018, 555, 83-88.	13.7	1,588
2	An integrated self-healable electronic skin system fabricated via dynamic reconstruction of a nanostructured conducting network. Nature Nanotechnology, 2018, 13, 1057-1065.	15.6	736
3	A wireless body area sensor network based on stretchable passive tags. Nature Electronics, 2019, 2, 361-368.	13.1	421
4	Inkjet-printed stretchable and low voltage synaptic transistor array. Nature Communications, 2019, 10, 2676.	5.8	194
5	Stretchable self-healable semiconducting polymer film for active-matrix strain-sensing array. Science Advances, 2019, 5, eaav3097.	4.7	179
6	Strain-insensitive intrinsically stretchable transistors and circuits. Nature Electronics, 2021, 4, 143-150.	13.1	170
7	Standalone real-time health monitoring patch based on a stretchable organic optoelectronic system. Science Advances, 2021, 7, .	4.7	144
8	Fully stretchable active-matrix organic light-emitting electrochemical cell array. Nature Communications, 2020, 11, 3362.	5.8	106
9	Conjugated Carbon Cyclic Nanorings as Additives for Intrinsically Stretchable Semiconducting Polymers. Advanced Materials, 2019, 31, e1903912.	11.1	99
10	A design strategy for high mobility stretchable polymer semiconductors. Nature Communications, 2021, 12, 3572.	5.8	94
11	A Design Strategy for Intrinsically Stretchable High-Performance Polymer Semiconductors: Incorporating Conjugated Rigid Fused-Rings with Bulky Side Groups. Journal of the American Chemical Society, 2021, 143, 11679-11689.	6.6	65
12	Stretchable PPG sensor with light polarization for physical activityâ€“permissible monitoring. Science Advances, 2022, 8, eabm3622.	4.7	31
13	Densely cross-linked polysiloxane dielectric for organic thin-film transistors with enhanced electrical stability. Journal of Materials Chemistry C, 2019, 7, 5821-5829.	2.7	16
14	Thiophene-Thiazole-Based Semiconducting Copolymers for High-Performance Polymer Field-Effect Transistors. ACS Applied Materials & Interfaces, 2017, 9, 38728-38736.	4.0	7
15	In-Depth Investigation of the Correlation between Organic Semiconductor Orientation and Energy-Level Alignment Using In Situ Photoelectron Spectroscopy. ACS Applied Materials & Interfaces, 2020, 12, 50628-50637.	4.0	5
16	Control of dielectric surface energy by dry surface treatment for high performance organic thin film transistor based on dibenzothiopheno[6,5-b:6â€²,5â€²-f]thieno[3,2-b]thiophene semiconductor. AIP Advances, 2020, 10, .	0.6	3
17	Dually crosslinkable SiO2@polysiloxane coreâ€“shell nanoparticles for flexible gate dielectric insulators. RSC Advances, 2017, 7, 17841-17847.	1.7	2
18	46â€3: Invited Paper: Skinâ€like Organic Optoelectronic System for Realâ€time Heart Rate Monitoring. Digest of Technical Papers SID International Symposium, 2022, 53, 585-588.	0.1	1