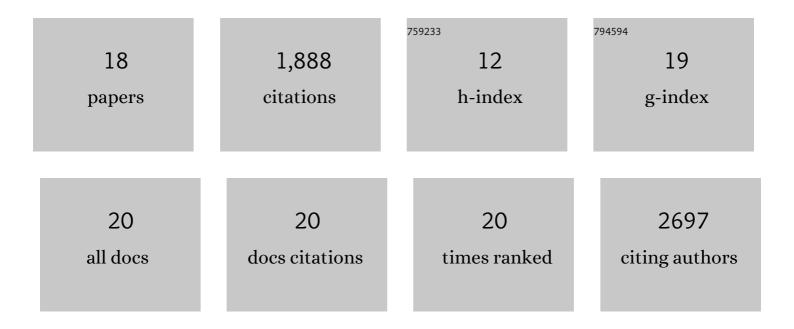
Seungmin Lee

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A soft, wearable microfluidic device for the capture, storage, and colorimetric sensing of sweat. Science Translational Medicine, 2016, 8, 366ra165.	12.4	933
2	Fully implantable and bioresorbable cardiac pacemakers without leads or batteries. Nature Biotechnology, 2021, 39, 1228-1238.	17.5	163
3	Stretchable, dynamic covalent polymers for soft, long-lived bioresorbable electronic stimulators designed to facilitate neuromuscular regeneration. Nature Communications, 2020, 11, 5990.	12.8	144
4	Soft, thin skin-mounted power management systems and their use in wireless thermography. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 6131-6136.	7.1	139
5	A transient, closed-loop network of wireless, body-integrated devices for autonomous electrotherapy. Science, 2022, 376, 1006-1012.	12.6	90
6	Wirelessly controlled, bioresorbable drug delivery device with active valves that exploit electrochemically triggered crevice corrosion. Science Advances, 2020, 6, eabb1093.	10.3	87
7	Battery-free, wireless soft sensors for continuous multi-site measurements of pressure and temperature from patients at risk for pressure injuries. Nature Communications, 2021, 12, 5008.	12.8	83
8	Soft, skin-interfaced microfluidic systems with integrated enzymatic assays for measuring the concentration of ammonia and ethanol in sweat. Lab on A Chip, 2020, 20, 84-92.	6.0	67
9	Biodegradable Polyanhydrides as Encapsulation Layers for Transient Electronics. Advanced Functional Materials, 2020, 30, 2000941.	14.9	67
10	Dry Transient Electronic Systems by Use of Materials that Sublime. Advanced Functional Materials, 2017, 27, 1606008.	14.9	34
11	Materials Chemistry of Neural Interface Technologies and Recent Advances in Three-Dimensional Systems. Chemical Reviews, 2022, 122, 5277-5316.	47.7	31
12	A discrete core-shell-like micro-light-emitting diode array grown on sapphire nano-membranes. Scientific Reports, 2020, 10, 7506.	3.3	15
13	Highly polarized photoluminescence from c-plane InGaN/GaN multiple quantum wells on stripe-shaped cavity-engineered sapphire substrate. Scientific Reports, 2019, 9, 8282.	3.3	11
14	Selective Area Growth of GaN Using Polycrystalline Î ³ -Alumina as a Mask for Discrete Micro-GaN Array. Crystal Growth and Design, 2022, 22, 1770-1777.	3.0	7
15	Linearly polarized photoluminescence of anisotropically strained c-plane GaN layers on stripe-shaped cavity-engineered sapphire substrate. Applied Physics Letters, 2018, 112, .	3.3	6
16	Self-Assembled Size-Tunable Microlight-Emitting Diodes Using Multiple Sapphire Nanomembranes. ACS Applied Materials & Interfaces, 2022, 14, 25781-25791.	8.0	4
17	Fabrication of Less Bowed Light-Emitting Diodes on Sapphire Substrates with a SiO2 Thin Film on Their Back Sides. Journal of the Korean Physical Society, 2019, 75, 480-484.	0.7	2
18	Transient Electronics: Dry Transient Electronic Systems by Use of Materials that Sublime (Adv. Funct.) Tj ETQqC	00rgBT/(Overlock 10 T