

# Jonas F Kurniawan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3276828/publications.pdf>

Version: 2024-02-01

17  
papers

1,733  
citations

687363

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h-index

888059

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g-index

17  
all docs

17  
docs citations

17  
times ranked

2959  
citing authors

#	ARTICLE	IF	CITATIONS
1	Epidermal Microfluidic Electrochemical Detection System: Enhanced Sweat Sampling and Metabolite Detection. ACS Sensors, 2017, 2, 1860-1868.	7.8	325
2	Flexible Near-Field Wireless Optoelectronics as Subdermal Implants for Broad Applications in Optogenetics. Neuron, 2017, 93, 509-521.e3.	8.1	323
3	Soft, stretchable, high power density electronic skin-based biofuel cells for scavenging energy from human sweat. Energy and Environmental Science, 2017, 10, 1581-1589.	30.8	309
4	Epidermal devices for noninvasive, precise, and continuous mapping of macrovascular and microvascular blood flow. Science Advances, 2015, 1, e1500701.	10.3	189
5	Theoretical and Experimental Studies of Epidermal Heat Flux Sensors for Measurements of Core Body Temperature. Advanced Healthcare Materials, 2016, 5, 119-127.	7.6	101
6	Flexible and Stretchable 31% Sensors for Thermal Characterization of Human Skin. Advanced Functional Materials, 2017, 27, 1701282.	14.9	90
7	Skin-Worn Soft Microfluidic Potentiometric Detection System. Electroanalysis, 2019, 31, 239-245.	2.9	77
8	Merging of Thin and Thick Film Fabrication Technologies: Toward Soft Stretchable "Island-Bridge" Devices. Advanced Materials Technologies, 2017, 2, 1600284.	5.8	71
9	Thermal Transport Characteristics of Human Skin Measured In Vivo Using Ultrathin Conformal Arrays of Thermal Sensors and Actuators. PLoS ONE, 2015, 10, e0118131.	2.5	70
10	Multimodal epidermal devices for hydration monitoring. Microsystems and Nanoengineering, 2017, 3, 17014.	7.0	52
11	Noninvasive Transdermal Delivery System of Lidocaine Using an Acoustic Droplet Vaporization Based Wearable Patch. Small, 2018, 14, e1803266.	10.0	47
12	Highly Stable Battery Pack via Insulated, Reinforced, Buckling-Enabled Interconnect Array. Small, 2018, 14, e1800938.	10.0	35
13	Planar Photonic Crystal Biosensor for Quantitative Label-Free Cell Attachment Microscopy. Advanced Optical Materials, 2015, 3, 1623-1632.	7.3	15
14	An Adhesive-Integrated Stretchable Silver-Silver Chloride Electrode Array for Unobtrusive Monitoring of Gastric Neuromuscular Activity. Advanced Materials Technologies, 2021, 6, 2001229.	5.8	13
15	Flexible Electronics: Theoretical and Experimental Studies of Epidermal Heat Flux Sensors for Measurements of Core Body Temperature (Adv. Healthcare Mater. 1/2016). Advanced Healthcare Materials, 2016, 5, 2-2.	7.6	6
16	Sensors: Flexible and Stretchable 31% Sensors for Thermal Characterization of Human Skin (Adv. Funct.) Tj ETQq0 0.0.rgBT /Overlock 10	14.9	8
17	Electrochemical performance study of Ag/AgCl and Au flexible electrodes for unobtrusive monitoring of human biopotentials. Nano Select, 2022, 3, 1277-1287.	3.7	4