

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

13
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

2959
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical performance study of Ag/AgCl and Au flexible electrodes for unobtrusive monitoring of human biopotentials. <i>Nano Select</i> , 2022, 3, 1277-1287.	3.7	4
2	An Adhesive-Integrated Stretchable Silver-Silver Chloride Electrode Array for Unobtrusive Monitoring of Gastric Neuromuscular Activity. <i>Advanced Materials Technologies</i> , 2021, 6, 2001229.	5.8	13
3	Skin-worn Soft Microfluidic Potentiometric Detection System. <i>Electroanalysis</i> , 2019, 31, 239-245.	2.9	77
4	Noninvasive Transdermal Delivery System of Lidocaine Using an Acoustic Droplet Vaporization Based Wearable Patch. <i>Small</i> , 2018, 14, e1803266.	10.0	47
5	Highly Stable Battery Pack via Insulated, Reinforced, Buckling-Enabled Interconnect Array. <i>Small</i> , 2018, 14, e1800938.	10.0	35
6	Flexible Near-Field Wireless Optoelectronics as Subdermal Implants for Broad Applications in Optogenetics. <i>Neuron</i> , 2017, 93, 509-521.e3.	8.1	323
7	Merging of Thin and Thick Film Fabrication Technologies: Toward Soft Stretchable "Island-Bridge" Devices. <i>Advanced Materials Technologies</i> , 2017, 2, 1600284.	5.8	71
8	Flexible and Stretchable 3% Sensors for Thermal Characterization of Human Skin. <i>Advanced Functional Materials</i> , 2017, 27, 1701282.	14.9	90
9	Soft, stretchable, high power density electronic skin-based biofuel cells for scavenging energy from human sweat. <i>Energy and Environmental Science</i> , 2017, 10, 1581-1589.	30.8	309
10	Sensors: Flexible and Stretchable 3% Sensors for Thermal Characterization of Human Skin (Adv. Funct.) Tj ETQq0 0 0,rgBT /Overlock 10	14.9	6
11	Epidermal Microfluidic Electrochemical Detection System: Enhanced Sweat Sampling and Metabolite Detection. <i>ACS Sensors</i> , 2017, 2, 1860-1868.	7.8	325
12	Multimodal epidermal devices for hydration monitoring. <i>Microsystems and Nanoengineering</i> , 2017, 3, 17014.	7.0	52
13	Theoretical and Experimental Studies of Epidermal Heat Flux Sensors for Measurements of Core Body Temperature. <i>Advanced Healthcare Materials</i> , 2016, 5, 119-127.	7.6	101
14	Flexible Electronics: Theoretical and Experimental Studies of Epidermal Heat Flux Sensors for Measurements of Core Body Temperature (Adv. Healthcare Mater. 1/2016). <i>Advanced Healthcare Materials</i> , 2016, 5, 2-2.	7.6	6
15	Planar Photonic Crystal Biosensor for Quantitative Label-Free Cell Attachment Microscopy. <i>Advanced Optical Materials</i> , 2015, 3, 1623-1632.	7.3	15
16	Epidermal devices for noninvasive, precise, and continuous mapping of macrovascular and microvascular blood flow. <i>Science Advances</i> , 2015, 1, e1500701.	10.3	189
17	Thermal Transport Characteristics of Human Skin Measured In Vivo Using Ultrathin Conformal Arrays of Thermal Sensors and Actuators. <i>PLoS ONE</i> , 2015, 10, e0118131.	2.5	70