

# Abdurrahman Gumus

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11302967/publications.pdf>

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18  
papers

566  
citations

840776

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996975

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docs citations

18  
times ranked

1102  
citing authors

#	ARTICLE	IF	CITATIONS
1	Personalized Healthcare: Expandable Polymer Assisted Wearable Personalized Medicinal Platform (Adv. Mater. Technol. 10/2020). Advanced Materials Technologies, 2020, 5, 2070064.	5.8	0
2	On the Effect of Modified Carbohydrates on the Size and Shape of Gold and Silver Nanostructures. Nanomaterials, 2020, 10, 1417.	4.1	14
3	Expandable Polymer Assisted Wearable Personalized Medicinal Platform. Advanced Materials Technologies, 2020, 5, 2000411.	5.8	6
4	CMOS Enabled Microfluidic Systems for Healthcare Based Applications. Advanced Materials, 2018, 30, e1705759.	21.0	46
5	Personalized Healthcare: CMOS Enabled Microfluidic Systems for Healthcare Based Applications (Adv.) Tj ETQq1 1 0,784314 rgBT /Over	21.0	46
6	Expandable Polymer Enabled Wirelessly Destructible High-Performance Solid State Electronics. Advanced Materials Technologies, 2017, 2, 1600264.	5.8	20
7	Flexible and biocompatible high-performance solid-state micro-battery for implantable orthodontic system. Npj Flexible Electronics, 2017, 1, .	10.7	65
8	Solar-thermal complex sample processing for nucleic acid based diagnostics in limited resource settings. Biomedical Optics Express, 2016, 7, 1974.	2.9	8
9	Freeform electronics for advanced healthcare. , 2016, , .		0
10	Concentrator photovoltaic module architectures with capabilities for capture and conversion of full global solar radiation. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E8210-E8218.	7.1	48
11	Lab-on-a-Bird: Biophysical Monitoring of Flying Birds. PLoS ONE, 2015, 10, e0123947.	2.5	13
12	Stacked waveguide reactors with gradient embedded scatterers for high-capacity water cleaning. Optics Express, 2015, 23, A1664.	3.4	3
13	Integrated hollow fiber membranes for gas delivery into optical waveguide based photobioreactors. Bioresource Technology, 2015, 192, 845-849.	9.6	13
14	Autonomous Device for Application in Late-Phase Hemorrhagic Shock Prevention. PLoS ONE, 2014, 9, e89903.	2.5	0
15	Smartphone technology can be transformative to the deployment of lab-on-chip diagnostics. Lab on A Chip, 2014, 14, 3159-3164.	6.0	162
16	Redox mediated photocatalytic water-splitting in optofluidic microreactors. Lab on A Chip, 2013, 13, 409-414.	6.0	53
17	Control of cell migration using a conducting polymer device. Soft Matter, 2010, 6, 5138.	2.7	54
18	Electrical control of cell density gradients on a conducting polymer surface. Chemical Communications, 2009, , 5278.	4.1	57