Tae-Ho Kim

List of Publications by Year
in descending order

23	424	759233 12	794594 19
papers	citations	h-index	g-index

23	23	23	618
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	3D printed leech-inspired origami dry electrodes for electrophysiology sensing robots. Npj Flexible Electronics, 2022, 6, .	10.7	20
2	Involvement of frontline clinicians in healthcare technology development: Lessons learned from a ventilator project. Health and Technology, 2022, 12, 597-606.	3.6	3
3	A 3D-printed neuromorphic humanoid hand for grasping unknown objects. IScience, 2022, 25, 104119.	4.1	15
4	New Frontiers in 3D Structural Sensing Robots. Advanced Materials, 2021, 33, e2002534.	21.0	27
5	Healthcare Robots: 3D Origami Sensing Robots for Cooperative Healthcare Monitoring (Adv. Mater.) Tj ETQq1 1 0.784314 rgBT /Over	5.8	0
6	Sensing Robots: New Frontiers in 3D Structural Sensing Robots (Adv. Mater. 19/2021). Advanced Materials, 2021, 33, 2170148.	21.0	3
7	3D architectured air sensing tubes for a portable mechanical ventilator. Flexible and Printed Electronics, 2021, 6, 035010.	2.7	1
8	3D Origami Sensing Robots for Cooperative Healthcare Monitoring. Advanced Materials Technologies, 2021, 6, 2000938.	5.8	23
9	Position-Dependent Diffusion Dynamics of Entangled Polymer Melts Nanoconfined by Parallel Immiscible Polymer Films. ACS Macro Letters, 2020, 9, 1483-1488.	4.8	4
10	Enhanced Dynamics of Confined Polymers near the Immiscible Polymerâ€“Polymer Interface: Neutron Reflectivity Studies. ACS Macro Letters, 2020, 9, 210-215.	4.8	17
11	Dewetting of Thin Polymer Films on Wrinkled Graphene Oxide Monolayers. Langmuir, 2019, 35, 5549-5556.	3.5	0
12	Spontaneous hybrids of graphene and carbon nanotube arrays at the liquidâ€“gas interface for Li-ion battery anodes. Chemical Communications, 2018, 54, 5229-5232.	4.1	16
13	Perpendicular Orientation of Diblock Copolymers Induced by Confinement between Graphene Oxide Sheets. Langmuir, 2018, 34, 1681-1690.	3.5	4
14	Effects of oxidation potential and retention time on electrochromic stability of poly (3-hexyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 T	6.1	18
15	Long-Term Cyclability of Electrochromic Poly(3-hexyl thiophene) Films Modified by Surfactant-Assisted Graphene Oxide Layers. ACS Applied Materials & Interfaces, 2017, 9, 20223-20230.	8.0	22
16	Dynamics of Entangled Polymers Confined between Graphene Oxide Sheets as Studied by Neutron Reflectivity. ACS Macro Letters, 2017, 6, 819-823.	4.8	15
17	Roll-to-roll sputtered ITO/Ag/ITO multilayers for highly transparent and flexible electrochromic applications. Solar Energy Materials and Solar Cells, 2017, 160, 203-210.	6.2	70
18	Graphene Oxide Monolayer as a Compatibilizer at the Polymerâ€“Polymer Interface for Stabilizing Polymer Bilayer Films against Dewetting. Langmuir, 2016, 32, 12741-12748.	3.5	17

#	Article	IF	Citations
19	Roll-to-Roll sputtered ITO/Cu/ITO multilayer electrode for flexible, transparent thin film heaters and electrochromic applications. Scientific Reports, 2016, 6, 33868.	3.3	104
20	Enhanced electrochromic properties of hybrid P3HT/WO3 composites with multiple colorations. Electrochemistry Communications, 2015, 57, 65-69.	4.7	34
21	Synthesis and Characterization of Tungsten Trioxide Films Preparedby a Sol-Gel Method for Electrochromic Applications. Journal of Korean Powder Metallurgy Institute, 2015, 22, 309-314.	0.3	0
22	Morphological investigation of anodized TiO2 nanotubes fabricated using different voltage conditions. Microporous and Mesoporous Materials, 2014, 196, 41-45.	4.4	11
23	Effect of collagen treatment on the biocompatibility of β-Ti-14Mo-3Nb-3Al-0.2Si alloy. , 2010, , .		0