

Tae-Ho Kim

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

424
citations

759233

12
h-index

794594

19
g-index

23
all docs

23
docs citations

23
times ranked

618
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Roll-to-Roll sputtered ITO/Cu/ITO multilayer electrode for flexible, transparent thin film heaters and electrochromic applications. <i>Scientific Reports</i> , 2016, 6, 33868. | 3.3 | 104 |
| 2 | Roll-to-roll sputtered ITO/Ag/ITO multilayers for highly transparent and flexible electrochromic applications. <i>Solar Energy Materials and Solar Cells</i> , 2017, 160, 203-210. | 6.2 | 70 |
| 3 | Enhanced electrochromic properties of hybrid P3HT/WO ₃ composites with multiple colorations. <i>Electrochemistry Communications</i> , 2015, 57, 65-69. | 4.7 | 34 |
| 4 | New Frontiers in 3D Structural Sensing Robots. <i>Advanced Materials</i> , 2021, 33, e2002534. | 21.0 | 27 |
| 5 | 3D Origami Sensing Robots for Cooperative Healthcare Monitoring. <i>Advanced Materials Technologies</i> , 2021, 6, 2000938. | 5.8 | 23 |
| 6 | Long-Term Cyclability of Electrochromic Poly(3-hexyl thiophene) Films Modified by Surfactant-Assisted Graphene Oxide Layers. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 20223-20230. | 8.0 | 22 |
| 7 | 3D printed leech-inspired origami dry electrodes for electrophysiology sensing robots. <i>Npj Flexible Electronics</i> , 2022, 6, . | 10.7 | 20 |
| 8 | Effects of oxidation potential and retention time on electrochromic stability of poly (3-hexyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 T | 6.1 | 18 |
| 9 | Graphene Oxide Monolayer as a Compatibilizer at the Polymer-Polymer Interface for Stabilizing Polymer Bilayer Films against Dewetting. <i>Langmuir</i> , 2016, 32, 12741-12748. | 3.5 | 17 |
| 10 | Enhanced Dynamics of Confined Polymers near the Immiscible Polymer-Polymer Interface: Neutron Reflectivity Studies. <i>ACS Macro Letters</i> , 2020, 9, 210-215. | 4.8 | 17 |
| 11 | Spontaneous hybrids of graphene and carbon nanotube arrays at the liquid-gas interface for Li-ion battery anodes. <i>Chemical Communications</i> , 2018, 54, 5229-5232. | 4.1 | 16 |
| 12 | Dynamics of Entangled Polymers Confined between Graphene Oxide Sheets as Studied by Neutron Reflectivity. <i>ACS Macro Letters</i> , 2017, 6, 819-823. | 4.8 | 15 |
| 13 | A 3D-printed neuromorphic humanoid hand for grasping unknown objects. <i>IScience</i> , 2022, 25, 104119. | 4.1 | 15 |
| 14 | Morphological investigation of anodized TiO ₂ nanotubes fabricated using different voltage conditions. <i>Microporous and Mesoporous Materials</i> , 2014, 196, 41-45. | 4.4 | 11 |
| 15 | Perpendicular Orientation of Diblock Copolymers Induced by Confinement between Graphene Oxide Sheets. <i>Langmuir</i> , 2018, 34, 1681-1690. | 3.5 | 4 |
| 16 | Position-Dependent Diffusion Dynamics of Entangled Polymer Melts Nanoconfined by Parallel Immiscible Polymer Films. <i>ACS Macro Letters</i> , 2020, 9, 1483-1488. | 4.8 | 4 |
| 17 | Sensing Robots: New Frontiers in 3D Structural Sensing Robots (Adv. Mater. 19/2021). <i>Advanced Materials</i> , 2021, 33, 2170148. | 21.0 | 3 |
| 18 | Involvement of frontline clinicians in healthcare technology development: Lessons learned from a ventilator project. <i>Health and Technology</i> , 2022, 12, 597-606. | 3.6 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | 3D architected air sensing tubes for a portable mechanical ventilator. Flexible and Printed Electronics, 2021, 6, 035010. | 2.7 | 1 |
| 20 | Effect of collagen treatment on the biocompatibility of $\text{Ti-14Mo-3Nb-3Al-0.2Si}$ alloy. , 2010, , . | | 0 |
| 21 | Dewetting of Thin Polymer Films on Wrinkled Graphene Oxide Monolayers. Langmuir, 2019, 35, 5549-5556. | 3.5 | 0 |
| 22 | Healthcare Robots: 3D Origami Sensing Robots for Cooperative Healthcare Monitoring (Adv. Mater.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 9.8 | 0 |
| 23 | Synthesis and Characterization of Tungsten Trioxide Films Prepared by a Sol-Gel Method for Electrochromic Applications. Journal of Korean Powder Metallurgy Institute, 2015, 22, 309-314. | 0.3 | 0 |