

Jiankui Chen

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

226
citations

1307594

7
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

298
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly sensitive, temperature-dependent gas sensor based on hierarchical ZnO nanorod arrays. <i>Journal of Materials Chemistry C</i> , 2015, 3, 11397-11405.	5.5	105
2	High-rate roll-to-roll stack and lamination of multilayer structured membrane electrode assembly. <i>Journal of Manufacturing Processes</i> , 2016, 23, 175-182.	5.9	26
3	Vacuum-based picking-up of thin chip from adhesive tape. <i>Journal of Adhesion Science and Technology</i> , 2015, 29, 1315-1329.	2.6	14
4	High-Efficiency Revolving-Turret Chip Transferring Technology for Flip Chip Packaging. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2018, 8, 154-164.	2.5	14
5	Conformal Peeling of Device-on-Substrate System in Flexible Electronic Assembly. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2018, 8, 1496-1506.	2.5	14
6	Theoretical and Experimental Studies of Competing Fracture for Flexible Chip-Adhesive-Substrate Composite Structure. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2018, 8, 57-64.	2.5	12
7	Temperature-dependent orientation study of the initial growth of pentacene on amorphous SiO ₂ by molecular dynamics simulations. <i>Journal of Crystal Growth</i> , 2015, 429, 35-42.	1.5	9
8	Path Tracking Control of Skid-steered Mobile Robot on the Slope Based on Fuzzy System and Model Predictive Control. <i>International Journal of Control, Automation and Systems</i> , 2022, 20, 1365-1376.	2.7	8
9	Accurate Stereo-Vision-Based Flying Droplet Volume Measurement Method. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-16.	4.7	7
10	Positioning Error Limit for the Last Droplet Deposition into a Microcavity in the Manufacture of Printed OLEDs. <i>Langmuir</i> , 2021, 37, 9396-9404.	3.5	6
11	Analytical investigation on thermal-induced warpage behavior of ultrathin chip-on-flex (UTCOF) assembly. <i>Science China Technological Sciences</i> , 2016, 59, 1646-1655.	4.0	5
12	Polygonal-feature-based shape context for flexible surface vision positioning. <i>Measurement Science and Technology</i> , 2019, 30, 055403.	2.6	4
13	Theoretical and Experimental Studies of Chip Position Drift in Motional Chip Placement Process. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2019, 9, 1888-1896.	2.5	1
14	Web Tension Estimation by Local Contact Force Measurement in Roll-to-Roll Manufacturing. <i>International Journal of Precision Engineering and Manufacturing</i> , 2020, 21, 2067-2075.	2.2	1