

# Yu-Chou Shih

## List of Publications by Year in descending order

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13  
papers

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citations

1684188  
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#	ARTICLE	IF	CITATIONS
1	Electrical Interconnection and Bonding by Nano-Locking. <i>Nanomaterials</i> , 2021, 11, 1589.	4.1	1
2	Semiconductor Chip Electrical Interconnection and Bonding by Nano-Locking with Ultra-Fine Bond-Line Thickness. <i>Nanomaterials</i> , 2021, 11, 1901.	4.1	3
3	Developing Cost-Effective Ultrathin Reliable High Power White LED Emitters. <i>IEEE Transactions on Device and Materials Reliability</i> , 2021, 21, 424-430.	2.0	0
4	Optimal Design of a Quantum Dot Color Conversion Film in LCD Backlighting. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2017, 23, 1-4.	2.9	5
5	Enhanced Lumen Output of LEDs With Die Bonding by Printable Adhesive. <i>IEEE Photonics Technology Letters</i> , 2017, 29, 1109-1111.	2.5	1
6	Novel Ceramic Additives for Screen-Printable Silicon Solar Cell Metallization. <i>Journal of Electronic Materials</i> , 2016, 45, 3999-4004.	2.2	3
7	Printable optically transparent adhesive processing for bonding of LED chips to packages. <i>Materials Science in Semiconductor Processing</i> , 2016, 56, 155-159.	4.0	3
8	Optical Interaction Between LED Backside Reflectors and Die Attach Adhesives. <i>IEEE Photonics Technology Letters</i> , 2016, 28, 1446-1449.	2.5	8
9	Study of optimal filler size for high performance polymer-filler composite optical reflectors. <i>Optical Materials Express</i> , 2015, 5, 423.	3.0	9
10	Role of Transparent Die Attach Adhesives for Enhancing Lumen Output of Midpower LED Emitters With Standard MESA Structure. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2015, 5, 731-736.	2.5	12
11	Effect of Thinning Encapsulant Layer on Junction and Phosphor Temperature of White Light-Emitting Diodes. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2015, 5, 1628-1634.	2.5	4
12	Screen-Printable Silver Pastes with Nanosized Glass Frits for Silicon Solar Cells. <i>Journal of Electronic Materials</i> , 2013, 42, 410-416.	2.2	16
13	Nano-sized glass frits with surface treatment for silicon solar cells. , 2013, , .		1