

# Chong Wei Tan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6960513/publications.pdf>

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13  
papers

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1477746

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1372195

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13  
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docs citations

13  
times ranked

224  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel three-dimensional carbon nanotube networks as high performance thermal interface materials. Carbon, 2018, 132, 359-369.	5.4	29
2	Enhanced Carbon Nanotubes Growth Using Nickel/Ferrocene-Hybridized Catalyst. ACS Omega, 2017, 2, 6063-6071.	1.6	21
3	Microstructure and through-film electrical characteristics of vertically aligned amorphous carbon films. Diamond and Related Materials, 2011, 20, 290-293.	1.8	18
4	Mildly reduced graphene oxide-Ag nanoparticle hybrid films for surface-enhanced Raman scattering. Nanoscale Research Letters, 2012, 7, 205.	3.1	17
5	Enhanced field emission properties of carbon nanotube films using densification technique. Applied Surface Science, 2019, 477, 211-219.	3.1	17
6	Assembly Process and Electrical Properties of Top-Transferred Graphene on Carbon Nanotubes for Carbon-Based 3-D Interconnects. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2020, 10, 516-524.	1.4	8
7	Thermal conductivity enhancement of carbon@ carbon nanotube arrays and bonded carbon nanotube network. Materials Research Express, 2019, 6, 085616.	0.8	6
8	Development of a CMOS-Compatible Carbon Nanotube Array Transfer Method. Micromachines, 2021, 12, 95.	1.4	6
9	Electrical and Thermal Models of CNT TSV and Graphite Interface. IEEE Transactions on Electron Devices, 2018, 65, 1880-1886.	1.6	5
10	Solid source growth of Si oxide nanowires promoted by carbon nanotubes. Applied Surface Science, 2014, 314, 119-123.	3.1	3
11	Growth and fabrication of carbon-based three-dimensional heterostructure in through-silicon vias (TSVs) for 3D interconnects. , 2017, , .		2
12	Microstructure and electrical properties of in-situ annealed carbon films. , 2010, , .		1
13	Carbon Nanowires Fabrications via Top Down Approach. Journal of Nanoscience and Nanotechnology, 2012, 12, 707-713.	0.9	0