

# Qian Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4722651/publications.pdf>

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12  
papers

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1937685

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citing authors

#	ARTICLE	IF	CITATIONS
1	Hidden State of Si <sub>50</sub> Ge <sub>50</sub> Nanoparticles During Rapid Solidification. Crystal Growth and Design, 2021, 21, 4746-4756.	3.0	8
2	Study on topologically close-packed and crystal clusters of Cu <sub>10</sub> Ag <sub>90</sub> alloy at the critical crystalline cooling rate. CrystEngComm, 2020, 22, 7888-7895.	2.6	7
3	Growth Pattern of Homogeneous and Heterogeneous Nucleation in High-Entropy FeNiCrCoCu Alloys. Crystal Growth and Design, 2022, 22, 2417-2425.	3.0	7
4	Formation of defects during fullerene bombardment and repair of vacancy defects in graphene. Journal of Materials Science, 2019, 54, 14431-14439.	3.7	6
5	Segregation phenomena of As in GaAs at different cooling rates during solidification. Materials Science in Semiconductor Processing, 2019, 104, 104680.	4.0	4
6	Molecular dynamics simulation of the crystallization of liquid GaAs nanoparticles. Modern Physics Letters B, 2019, 33, 1950392.	1.9	3
7	Pleomorphism and multidirectional combination of Si crystal nucleation during solidification. Journal of Materials Science, 2021, 56, 15960-15970.	3.7	2
8	New phase transition pattern of fivefold twins transformed into lamellar structure in Ti <sub>3</sub> Al alloy. CrystEngComm, 2021, 23, 6800-6809.	2.6	2
9	Microstructure evolution and plastic deformation of Ni <sub>47</sub> Co <sub>53</sub> alloy under tension. CrystEngComm, 2022, 24, 893-900.	2.6	1
10	Simulation Study of the Microstructure and Defects During the Directional Solidification of GaAs. Jom, 0, , 1.	1.9	1
11	Rapid detection of defect structures in graphene by the machine learning. Modern Physics Letters B, 2022, 36, .	1.9	1
12	Different connection models of icosahedral structures in TiAl alloy caused by the cooling rates. Physica Status Solidi (B): Basic Research, 0, , 2100083.	1.5	0