

# Kai Huang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4061590/publications.pdf>

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14  
papers

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citations

840776

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1125743

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docs citations

14  
times ranked

514  
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional printing of a tunable graphene-based elastomer for strain sensors with ultrahigh sensitivity. Carbon, 2019, 143, 63-72.	10.3	99
2	Anisotropy of graphene scaffolds assembled by three-dimensional printing. Carbon, 2018, 130, 1-10.	10.3	59
3	Enhanced electromagnetic microwave absorption of SiOC ceramics targeting the integration of structure and function. Journal of the European Ceramic Society, 2021, 41, 6393-6405.	5.7	50
4	3D printing of polymer-derived SiOC with hierarchical and tunable porosity. Additive Manufacturing, 2020, 36, 101549.	3.0	32
5	Synthesis and luminescence of $\text{Ca}_{9-x}\text{Eu}_x(\text{VO}_4)_7$ ( $\text{Ln} = \text{Y, La, Gd, Lu}$ ) phosphors. Materials Research Bulletin, 2014, 60, 72-78.	5.2	23
6	Three-dimensional graphene-based materials by direct ink writing method for lightweight application. International Journal of Lightweight Materials and Manufacture, 2018, 1, 96-101.	2.1	22
7	Preparation of high concentration graphene dispersion with low boiling point solvents. Journal of Nanoparticle Research, 2019, 21, 1.	1.9	22
8	Multifunctional silicon carbide matrix composites optimized by three-dimensional graphene scaffolds. Carbon, 2019, 155, 215-222.	10.3	17
9	Complex SiOC ceramics from 2D structures by 3D printing and origami. Additive Manufacturing, 2020, 33, 101144.	3.0	16
10	Additive manufacturing of SiOC scaffolds with tunable structure-performance relationship. Journal of the European Ceramic Society, 2021, 41, 7552-7559.	5.7	15
11	Embedded direct ink writing of freeform ceramic components. Applied Materials Today, 2021, 23, 101005.	4.3	13
12	Rapid synthesis and characterization of $\text{SrS:Eu,Sm}$ infrared up-conversion materials. Advanced Powder Technology, 2014, 25, 1516-1519.	4.1	7
13	Bioinspired nanocomposites film with highly-aligned silicon carbide nanowires and polyvinyl alcohol for mechanical and thermal anisotropy. Nanotechnology, 2019, 30, 275602.	2.6	5
14	Additive Manufacturing of Ceramics from Liquid Feedstocks. , 2022, 1, 100012.		3