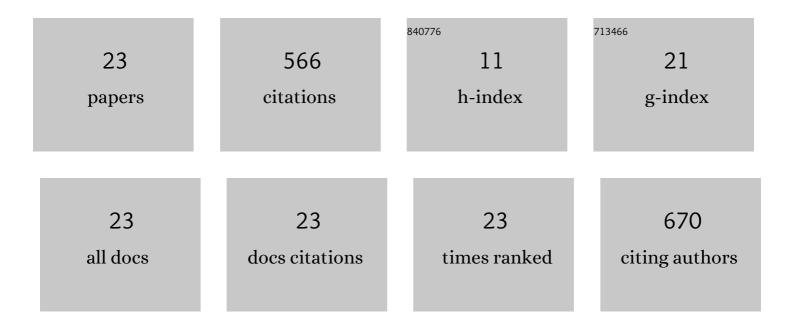
## Qiong Nian

List of Publications by Year in descending order

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Οιόνς Νιλν

#	Article	IF	CITATIONS
1	3D printing graphene-aluminum nanocomposites. Journal of Alloys and Compounds, 2018, 746, 269-276.	5.5	115
2	Laser sintered single layer graphene oxide reinforced titanium matrix nanocomposites. Composites Part B: Engineering, 2016, 93, 352-359.	12.0	77
3	3D Printingâ€Enabled Nanoparticle Alignment: A Review of Mechanisms and Applications. Small, 2021, 17, e2100817.	10.0	61
4	Laser sintered graphene nickel nanocomposites. Journal of Materials Processing Technology, 2016, 231, 143-150.	6.3	59
5	Limpet Toothâ€Inspired Painless Microneedles Fabricated by Magnetic Fieldâ€Assisted 3D Printing. Advanced Functional Materials, 2021, 31, 2003725.	14.9	54
6	Fabricating graphene-titanium composites by laser sintering PVA bonding graphene titanium coating: Microstructure and mechanical properties. Composites Part B: Engineering, 2018, 134, 133-140.	12.0	47
7	Scalable and controlled creation of nanoholes in graphene by microwave-assisted chemical etching for improved electrochemical properties. Carbon, 2020, 161, 880-891.	10.3	27
8	Aligned Ti <sub>3</sub> C <sub>2</sub> T <sub><i>x</i></sub> MXene for 3D Micropatterning <i>via</i> Additive Manufacturing. ACS Nano, 2021, 15, 12057-12068.	14.6	23
9	First-principles modeling of laser-matter interaction and plasma dynamics in nanosecond pulsed laser shock processing. Journal of Applied Physics, 2018, 123, .	2.5	19
10	Ultrafast Laser‧hockâ€Induced Confined Metaphase Transformation for Direct Writing of Black Phosphorus Thin Films. Advanced Materials, 2018, 30, 1704405.	21.0	17
11	Bulk titanium–graphene nanocomposites fabricated by selective laser melting. Journal of Materials Research, 2019, 34, 1744-1753.	2.6	13
12	Ligand Crosslinking Boosts Thermal Transport in Colloidal Nanocrystal Solids. Angewandte Chemie - International Edition, 2020, 59, 9556-9563.	13.8	11
13	Understanding mechanical behavior of metallic foam with hollow struts using the hollow pentagonal dodecahedron model. Scripta Materialia, 2020, 182, 114-119.	5.2	10
14	Thermal conductivity of metal coated polymer foam: Integrated experimental and modeling study. International Journal of Thermal Sciences, 2021, 169, 107045.	4.9	9
15	Preparation of high-quality graphene oxide-carbon quantum dots composites and their application for electrochemical sensing of uric acid and ascorbic acid. Nanotechnology, 2021, 32, 135501.	2.6	6
16	Nanocrystal Ordering Enhances Thermal Transport and Mechanics in Single-Domain Colloidal Nanocrystal Superlattices. Nano Letters, 2022, 22, 4669-4676.	9.1	6
17	Scalable nanomanufacturing of holey graphene <i>via</i> chemical etching: an investigation into process mechanisms. Nanoscale, 2022, 14, 4762-4769.	5.6	4
18	First-principles study of the impact of chemical doping and functional groups on the absorption spectra of graphene. Semiconductor Science and Technology, 2022, 37, 025013.	2.0	4

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#	Article	IF	CITATIONS
19	Ligand Crosslinking Boosts Thermal Transport in Colloidal Nanocrystal Solids. Angewandte Chemie, 2020, 132, 9643-9650.	2.0	2
20	Comparison of scanning laser annealing and microwave annealing for As+ implanted Si. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2017, 35, 011202.	1.2	1
21	Painless Microneedles: Limpet Toothâ€Inspired Painless Microneedles Fabricated by Magnetic Fieldâ€Assisted 3D Printing (Adv. Funct. Mater. 5/2021). Advanced Functional Materials, 2021, 31, 2170033.	14.9	1
22	Three-dimensional hollow graphene–metallic nanocomposite foam manufactured by polymer-templated electrochemical co-deposition. Journal of Materials Research, 0, , 1.	2.6	0
23	Understanding the mechanism of shockwave induced graphite-to-diamond phase transition. Materialia, 2022, 24, 101487.	2.7	0