

Qing Yu

List of Publications by Year in descending order

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papers

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times ranked

1169
citing authors

#	ARTICLE	IF	CITATIONS
1	Strong, Ductile, and Tough Nanocrystal-Assembled Freestanding Gold Nanosheets. <i>Nano Letters</i> , 2022, 22, 822-829.	9.1	13
2	High-entropy induced a glass-to-glass transition in a metallic glass. <i>Nature Communications</i> , 2022, 13, 2183.	12.8	34
3	Temperature-Induced Structural Changes in the Liquid GaInSn Eutectic Alloy. <i>Journal of Physical Chemistry C</i> , 2021, 125, 7413-7420.	3.1	8
4	Transformation of Freestanding Carbon-Containing Gold Nanosheets into Au Nanoparticles Encapsulated within Amorphous Carbon: Implications for Surface Modification of Complex-Shaped Materials and Structures. <i>ACS Applied Nano Materials</i> , 2021, 4, 5098-5105.	5.0	3
5	Self-Constructed micro-origami of 2D metal. <i>Applied Materials Today</i> , 2021, 23, 101039.	4.3	4
6	Etching-Free Ultrafast Fabrication of Self-Rolled Metallic Nanosheets with Controllable Twisting. <i>Nano Letters</i> , 2021, 21, 7159-7165.	9.1	4
7	Low-Cost Scalable Production of Freestanding Two-Dimensional Metallic Nanosheets by Polymer Surface Buckling Enabled Exfoliation. <i>Cell Reports Physical Science</i> , 2020, 1, 100235.	5.6	14
8	Synthesis of Two-dimensional Metallic Nanosheets: From Elemental Metals to Chemically Complex Alloys. <i>ChemNanoMat</i> , 2020, 6, 1683-1711.	2.8	18
9	Stability and synthesis of 2D metals and alloys: a review. <i>Materials Today Advances</i> , 2020, 8, 100092.	5.2	43
10	Structural evolution in liquid GaIn eutectic alloy under high temperature and pressure. <i>Journal of Applied Physics</i> , 2019, 126, .	2.5	6
11	Structural evolution of low-temperature liquid GaIn eutectic alloy. <i>Journal of Molecular Liquids</i> , 2019, 293, 111464.	4.9	7
12	Identifying surface structural changes in a newly-developed Ga-based alloy with melting temperature below 10 ³ °C. <i>Applied Surface Science</i> , 2019, 492, 143-149.	6.1	21
13	Substrate temperature effect on growth behavior and microstructure-properties relationship in amorphous Ni Nb thin films. <i>Journal of Non-Crystalline Solids</i> , 2019, 510, 112-120.	3.1	14
14	Temperature-induced structural evolution in liquid Sn ₈₅ Zn ₁₅ eutectic alloy. <i>Scripta Materialia</i> , 2018, 148, 68-72.	5.2	11
15	Glass forming ability and bending plasticity evolutions in Zr-Co-Al bulk metallic glasses and their structural origin. <i>Journal of Non-Crystalline Solids</i> , 2018, 488, 52-62.	3.1	14
16	MULTIFRACTAL DETRENDED FLUCTUATION ANALYSIS BASED ON PSEUDO-BILINEAR FRACTAL INTERPOLATION FUNCTIONS ON METALLIC GLASSES. <i>Fractals</i> , 2018, 26, 1850047.	3.7	1
17	Temperature dependent structural evolution in liquid Ag ₅₀ Ga ₅₀ alloy. <i>Journal of Physics Condensed Matter</i> , 2018, 30, 015402.	1.8	6
18	Structural Signature of β -Relaxation in La-Based Metallic Glasses. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 4308-4313.	4.6	20

#	ARTICLE	IF	CITATIONS
19	Temperature-dependent structure evolution in liquid gallium. <i>Acta Materialia</i> , 2017, 128, 304-312.	7.9	57
20	Pressure-induced structural change in liquid GaIn eutectic alloy. <i>Scientific Reports</i> , 2017, 7, 1139.	3.3	17
21	Liquid-to-liquid crossover in the GaIn eutectic alloy. <i>Physical Review B</i> , 2017, 95, .	3.2	21
22	Structure alterations in Al-Y-based metallic glasses with La and Ni addition. <i>Journal of Applied Physics</i> , 2016, 119, .	2.5	8
23	Atomic packing in Fe-based metallic glasses. <i>Acta Materialia</i> , 2016, 102, 116-124.	7.9	76
24	<i>In situ</i> TEM nanomechanics. <i>MRS Bulletin</i> , 2015, 40, 62-70.	3.5	78
25	Superior separation performance of ultrathin gelatin films. <i>Journal of Materials Chemistry A</i> , 2013, 1, 1899-1906.	10.3	18
26	Mesoporous separation membranes of $\{[\text{Cu}(\text{BTC})\text{H}_2]_2 \cdot (\text{H}_2\text{O})_2\} \cdot 3\text{H}_2\text{O}$ nanobelts synthesized by ultrasonication at room temperature. <i>CrystEngComm</i> , 2013, 15, 265-270.	2.6	29
27	Separation Membranes Constructed from Inorganic Nanofibers by Filtration Technique. <i>Chemical Record</i> , 2013, 13, 14-27.	5.8	12
28	High catalytic performance of gold nanoparticle-gelatin mesoporous composite thin films. <i>Journal of Materials Chemistry</i> , 2012, 22, 21117.	6.7	15
29	Synthesis of CuO nanowalnuts and nanoribbons from aqueous solution and their catalytic and electrochemical properties. <i>Nanoscale</i> , 2012, 4, 2613.	5.6	101
30	Thin copper oxide nanowires/carbon nanotubes interpenetrating networks for lithium ion batteries. <i>CrystEngComm</i> , 2012, 14, 7294.	2.6	30
31	Mesoporous protein thin films for molecule delivery. <i>Journal of Materials Chemistry</i> , 2011, 21, 13172.	6.7	10
32	Flexible ultrathin free-standing fluorescent films of $\text{CdSe}_x\text{S}_{1-x}/\text{ZnS}$ nanocrystalline and protein. <i>Journal of Materials Chemistry</i> , 2011, 21, 4424.	6.7	11
33	Filtration-assembling colloidal crystal templates for ordered macroporous nanoparticle films. <i>Journal of Materials Chemistry</i> , 2011, 21, 18089.	6.7	11
34	Ultrathin free-standing close-packed gold nanoparticle films: Conductivity and Raman scattering enhancement. <i>Nanoscale</i> , 2011, 3, 3868.	5.6	22
35	Feedback-Based Clock Synchronization in Wireless Sensor Networks: A Control Theoretic Approach. <i>IEEE Transactions on Vehicular Technology</i> , 2010, 59, 2963-2973.	6.3	74