Qing Yu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3507304/publications.pdf

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35	831	516710	501196
papers	citations	16	28
		h-index	g-index

35	35	35	1169
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis of CuO nanowalnuts and nanoribbons from aqueous solution and their catalytic and electrochemical properties. Nanoscale, 2012, 4, 2613.	5.6	101
2	In situTEM nanomechanics. MRS Bulletin, 2015, 40, 62-70.	3.5	78
3	Atomic packing in Fe-based metallic glasses. Acta Materialia, 2016, 102, 116-124.	7.9	76
4	Feedback-Based Clock Synchronization in Wireless Sensor Networks: A Control Theoretic Approach. IEEE Transactions on Vehicular Technology, 2010, 59, 2963-2973.	6.3	74
5	Temperature-dependent structure evolution in liquid gallium. Acta Materialia, 2017, 128, 304-312.	7.9	57
6	Stability and synthesis of 2D metals and alloys: a review. Materials Today Advances, 2020, 8, 100092.	5.2	43
7	High-entropy induced a glass-to-glass transition in a metallic glass. Nature Communications, 2022, 13, 2183.	12.8	34
8	Thin copper oxide nanowires/carbon nanotubes interpenetrating networks for lithium ion batteries. CrystEngComm, 2012, 14, 7294.	2.6	30
9	Mesoporous separation membranes of {[Cu(BTCâ€“H₂)₂Â·(H₂O)₂]Â·3H₂O} nanobelts synthesized by ultrasonication at room temperature. CrystEngComm, 2013, 15, 265-270.	2.6	29
10	Ultrathin free-standing close-packed gold nanoparticle films: Conductivity and Raman scattering enhancement. Nanoscale, 2011, 3, 3868.	5.6	22
11	Liquid-to-liquid crossover in the GaIn eutectic alloy. Physical Review B, 2017, 95, .	3.2	21
12	Identifying surface structural changes in a newly-developed Ga-based alloy with melting temperature below 10â€Â°C. Applied Surface Science, 2019, 492, 143-149.	6.1	21
13	Structural Signature of Î²-Relaxation in La-Based Metallic Glasses. Journal of Physical Chemistry Letters, 2018, 9, 4308-4313.	4.6	20
14	Superior separation performance of ultrathin gelatin films. Journal of Materials Chemistry A, 2013, 1, 1899-1906.	10.3	18
15	Synthesis of Twoâ€dimensional Metallic Nanosheets: From Elemental Metals to Chemically Complex Alloys. ChemNanoMat, 2020, 6, 1683-1711.	2.8	18
16	Pressure-induced structural change in liquid GaIn eutectic alloy. Scientific Reports, 2017, 7, 1139.	3.3	17
17	High catalytic performance of gold nanoparticleâ€“gelatin mesoporous composite thin films. Journal of Materials Chemistry, 2012, 22, 21117.	6.7	15
18	Glass forming ability and bending plasticity evolutions in Zr-Co-Al bulk metallic glasses and their structural origin. Journal of Non-Crystalline Solids, 2018, 488, 52-62.	3.1	14

#	Article	IF	Citations
19	Substrate temperature effect on growth behavior and microstructure-properties relationship in amorphous Ni Nb thin films. Journal of Non-Crystalline Solids, 2019, 510, 112-120.	3.1	14
20	Low-Cost Scalable Production of Freestanding Two-Dimensional Metallic Nanosheets by Polymer Surface Buckling Enabled Exfoliation. Cell Reports Physical Science, 2020, 1, 100235.	5.6	14
21	Strong, Ductile, and Tough Nanocrystal-Assembled Freestanding Gold Nanosheets. Nano Letters, 2022, 22, 822-829.	9.1	13
22	Separation Membranes Constructed from Inorganic Nanofibers by Filtration Technique. Chemical Record, 2013, 13, 14-27.	5.8	12
23	Flexible ultrathin free-standing fluorescent films of CdSexS1âˆ'x/ZnS nanocrystalline and protein. Journal of Materials Chemistry, 2011, 21, 4424.	6.7	11
24	Filtration-assembling colloidal crystal templates for ordered macroporous nanoparticle films. Journal of Materials Chemistry, 2011, 21, 18089.	6.7	11
25	Temperature-induced structural evolution in liquid Sn85Zn15 eutectic alloy. Scripta Materialia, 2018, 148, 68-72.	5.2	11
26	Mesoporous protein thin films for molecule delivery. Journal of Materials Chemistry, 2011, 21, 13172.	6.7	10
27	Structure alterations in Al-Y-based metallic glasses with La and Ni addition. Journal of Applied Physics, 2016, 119, .	2.5	8
28	Temperature-Induced Structural Changes in the Liquid GaInSn Eutectic Alloy. Journal of Physical Chemistry C, 2021, 125, 7413-7420.	3.1	8
29	Structural evolution of low-temperature liquid GaIn eutectic alloy. Journal of Molecular Liquids, 2019, 293, 111464.	4.9	7
30	Temperature dependent structural evolution in liquid Ag₅₀Ga₅₀ alloy. Journal of Physics Condensed Matter, 2018, 30, 015402.	1.8	6
31	Structural evolution in liquid GaIn eutectic alloy under high temperature and pressure. Journal of Applied Physics, 2019, 126, .	2.5	6
32	Self-Constructed micro-origami of 2D metal. Applied Materials Today, 2021, 23, 101039.	4.3	4
33	Etching-Free Ultrafast Fabrication of Self-Rolled Metallic Nanosheets with Controllable Twisting. Nano Letters, 2021, 21, 7159-7165.	9.1	4
34	Transformation of Freestanding Carbon-Containing Gold Nanosheets into Au Nanoparticles Encapsulated within Amorphous Carbon: Implications for Surface Modification of Complex-Shaped Materials and Structures. ACS Applied Nano Materials, 2021, 4, 5098-5105.	5.0	3
35	MULTIFRACTAL DETRENDED FLUCTUATION ANALYSIS BASED ON PSEUDO-BILINEAR FRACTAL INTERPOLATION FUNCTIONS ON METALLIC GLASSES. Fractals, 2018, 26, 1850047.	3.7	1