Yulong Huang

List of Publications by Year in descending order

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43	1,071	623734	414414
papers	citations	14 h-index	32 g-index

44	44	44	1256
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Printing Air-Stable High-Tc Molecular Magnet with Tunable Magnetic Interaction. Nano Letters, 2022, 22, 545-553.	9.1	4
2	Copper Nanoplates for Printing Flexible High-Temperature Conductors. ACS Applied Nano Materials, 2022, 5, 4028-4037.	5.0	13
3	High temperature ceramic thermal insulation material. Nano Research, 2022, 15, 6662-6669.	10.4	12
4	Printed copper-nanoplate conductor for electro-magnetic interference. Nanotechnology, 2022, 33, 115601.	2.6	2
5	Lithiating magneto-ionics in a rechargeable battery. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	5
6	Wearable Aramidâ€“Ceramic Aerogel Composite for Harsh Environment. Advanced Engineering Materials, 2021, 23, 2001169.	3.5	20
7	Multifunctional Prussian blue analogue magnets: Emerging opportunities. Applied Materials Today, 2021, 22, 100886.	4.3	22
8	Cross-Linking and Charging Molecular Magnetoelectronics. Nano Letters, 2021, 21, 4099-4105.	9.1	6
9	Reflective Paint Consisting of Mesoporous Silica Aerogel and Titania Nanoparticles for Thermal Management. ACS Applied Nano Materials, 2021, 4, 6357-6363.	5.0	17
10	Two-Dimensional Conductive Ï€â€“d Frameworks with Multiple Sensory Capabilities. ACS Applied Materials & Interfaces, 2021, 13, 28703-28709.	8.0	5
11	Proton switching molecular magnetoelectricity. Nature Communications, 2021, 12, 4602.	12.8	10
12	Flexible Lead-Free X-ray Detector from Metalâ€“Organic Frameworks. Nano Letters, 2021, 21, 6983-6989.	9.1	24
13	Laserâ€Induced Cooperative Transition in Molecular Electronic Crystal. Advanced Materials, 2021, 33, e2103000.	21.0	6
14	Solution-shearing of dielectric polymer with high thermal conductivity and electric insulation. Science Advances, 2021, 7, eabi7410.	10.3	24
15	Cu-based metalâ€“organic frameworks for highly sensitive X-ray detectors. Chemical Communications, 2021, 57, 8612-8615.	4.1	7
16	Observation of a Ubiquitous (Ï€, Ï€)-Type Nematic Superconducting Order in the Whole Superconducting Dome of Ultra-Thin BaFe2â€“x Ni x As2 Single Crystals. Chinese Physics Letters, 2021, 38, 097401.	3.3	1
17	Laserâ€Induced Cooperative Transition in Molecular Electronic Crystal (Adv. Mater. 39/2021). Advanced Materials, 2021, 33, .	21.0	0
18	Emerged Metallicity in Molecular Ferromagnetic Wires. Nano Letters, 2021, 21, 9746-9753.	9.1	5

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19	Molecular conducting magnetic heterostructures. Journal of Materials Chemistry C, 2020, 8, 2228-2231.	5.5	1
20	A Hierarchical Mesoporous Insulation Ceramic. Nano Letters, 2020, 20, 1110-1116.	9.1	38
21	Hierarchical Structural Engineering of Ultrahigh-Molecular-Weight Polyethylene. ACS Applied Materials & Interfaces, 2020, 12, 50024-50032.	8.0	5
22	Emerging Magnetic Interactions in van der Waals Heterostructures. Nano Letters, 2020, 20, 7852-7859.	9.1	5
23	Electron transfer induced magnetic ordering of metal-cyanide magnets. Materials Advances, 2020, 1, 1061-1065.	5.4	3
24	A macromolecular assembly directed ceramic aerogel monolith material. Journal of Materials Chemistry C, 2020, 8, 10319-10324.	5.5	7
25	Printable Copper Sensor Electronics for High Temperature. ACS Applied Electronic Materials, 2020, 2, 1867-1873.	4.3	37
26	Flexible and printable dielectric polymer composite with tunable permittivity and thermal stability. Chemical Communications, 2020, 56, 2332-2335.	4.1	12
27	All-Printed Conformal High-Temperature Electronics on Flexible Ceramics. ACS Applied Electronic Materials, 2020, 2, 556-562.	4.3	11
28	Eutectic crystallized FePd nanoparticles for liquid metal magnet. Chemical Communications, 2020, 56, 6555-6558.	4.1	11
29	An All-Ceramic, Anisotropic, and Flexible Aerogel Insulation Material. Nano Letters, 2020, 20, 3828-3835.	9.1	79
30	Anisotropy of flux pinning properties in superconducting (Li,Fe)OHFeSe thin films. Superconductor Science and Technology, 2020, 33, 114009.	3.5	10
31	Alkali-Metal-Intercalated Aromatic Hydrocarbon Conductors. ACS Applied Nano Materials, 2019, 2, 1140-1145.	5.0	5
32	Correlation at two-dimensional charge-transfer FeSe interface. Chemical Communications, 2019, 55, 12643-12646.	4.1	1
33	Effect of Mn substitution on superconductivity in iron selenide (Li, Fe)OHFeSe single crystals. Chinese Physics B, 2018, 27, 077405.	1.4	6
34	Tunable critical temperature for superconductivity in FeSe thin films by pulsed laser deposition. Scientific Reports, 2018, 8, 4039.	3.3	47
35	The upper critical field and its anisotropy in (Li_{1â^'x}Fe_x)OHFe_{1â^'y}Se. Journal of Physics Condensed Matter, 2017, 29, 025701.	1.8	14
36	Superconducting (Li,Fe)OHFeSe Film of High Quality and High Critical Parameters. Chinese Physics Letters, 2017, 34, 077404.	3.3	30

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37	Doping Mn into (Li${}_{1-x}{mathrm{Fe}}_{x})$OHFe${}_{1-y}$Se superconducting crystals via ion-exchange and ion-release/introduction syntheses. Chinese Physics B, 2017, 26, 057402.	1.4	8
38	Synthesis of large FeSe superconductor crystals via ion release/introduction and property characterization. Chinese Physics B, 2016, 25, 077404.	1.4	14
39	Observation of Ising spin-nematic order and its close relationship to the superconductivity in FeSe single crystals. Physical Review B, 2016, 94, .	3.2	11
40	Common electronic origin of superconductivity in (Li,Fe)OHFeSe bulk superconductor and single-layer FeSe/SrTiO3 films. Nature Communications, 2016, 7, 10608.	12.8	164
41	A magnetic protein biocompass. Nature Materials, 2016, 15, 217-226.	27.5	250
42	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:msub><mml:mi>Li</mml Ion-exchange synthesis of large single-crystal and highly two-dimensional electron. Physical Review B, 2015, 92, .	3.2	116
43	Switching charge states in quasi-2D molecular conductors. , 0, , .		0