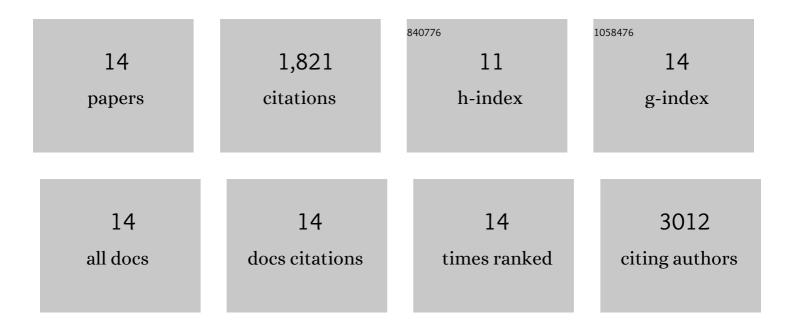
Pengfei Guan

List of Publications by Year in descending order

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PENCEEL CUAN

#	Article	IF	CITATIONS
1	Cycle deformation enabled controllable mechanical polarity of bulk metallic glasses. Acta Materialia, 2022, 225, 117557.	7.9	4
2	Enhanced high-frequency microwave absorption in core-shell nanocapsules with atomic-scale oxygen substitutions. Journal of Applied Physics, 2020, 127, .	2.5	7
3	Visualizing Underâ€Coordinated Surface Atoms on 3D Nanoporous Gold Catalysts. Advanced Materials, 2016, 28, 1753-1759.	21.0	85
4	Large-scale growth of sharp gold nano-cones for single-molecule SERS detection. RSC Advances, 2016, 6, 2882-2887.	3.6	36
5	Gigahertz Dielectric Polarization of Substitutional Single Niobium Atoms in Defective Graphitic Layers. Physical Review Letters, 2015, 115, 147601.	7.8	101
6	Nanoporous twinned PtPd with highly catalytic activity and stability. Journal of Materials Chemistry A, 2015, 3, 2050-2056.	10.3	43
7	Cavitation in Amorphous Solids. Physical Review Letters, 2013, 110, 185502.	7.8	75
8	Catalytically active single-atom niobium in graphitic layers. Nature Communications, 2013, 4, 1924.	12.8	261
9	Dumbbellâ€Like Fe ₃ O ₄ –Au Nanoparticles for Ultrabroadband Electromagnetic Losses by Heterogeneous Interfacial Polarizations. Particle and Particle Systems Characterization, 2013, 30, 842-846.	2.3	21
10	Atomic origins of the high catalytic activity of nanoporous gold. Nature Materials, 2012, 11, 775-780.	27.5	803
11	Stress-Temperature Scaling for Steady-State Flow in Metallic Glasses. Physical Review Letters, 2010, 104, 205701.	7.8	183
12	Assessment of performances of Ni–Cu–LSGM as anode materials for intermediate-temperature LaGaO3-based solid oxide fuel cells. Journal of Alloys and Compounds, 2005, 393, 292-298.	5.5	10
13	Synthesis and characterization of IT-electrolyte with perovskite structure La0.8Sr0.2Ga0.85Mg0.15O3â^δ by glycine–nitrate combustion method. Journal of Alloys and Compounds, 2003, 348, 325-331.	5.5	168
14	Characterization of YSZ electrolyte membrane tubes prepared by a vacuum casting method. Journal of Alloys and Compounds, 2002, 337, 231-236.	5.5	24