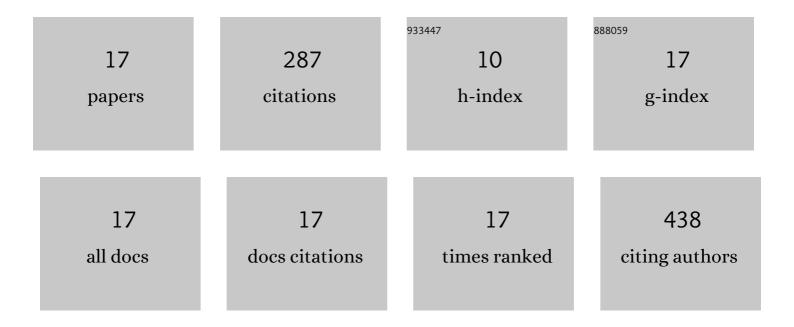
Guixiao Jia

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Synergistic corrosion inhibition effects of quaternary ammonium salt cationic surfactants and thiourea on Q235 steel in sulfuric acid: Experimental and theoretical research. Corrosion Science, 2022, 199, 110199.	6.6	44
2	Eco-friendly rosin-based 6-dehydroabietic acylamino sodium as corrosion inhibitor for AA2024-T3 in alkaline solution by experimental and theoretical studies. Journal of Molecular Liquids, 2021, 328, 115506.	4.9	13
3	Corrosion inhibition of AA2024-T3 in alkaline solution by disodium-N-dodecyliminodiacetate: Experimental and theoretical studies. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 626, 126989.	4.7	6
4	Cr-Doped Fe _{1–<i>x</i>} Cr _{<i>x</i>} F ₃ ·0.33H ₂ O Nanomaterials as Cathode Materials for Sodium-Ion Batteries. ACS Applied Materials & Interfaces, 2021, 13, 48653-48660.	8.0	3
5	Structural transformation and electrochemical properties of a nanosized flower-like R-MnO ₂ cathode in a sodium battery. Physical Chemistry Chemical Physics, 2021, 24, 551-559.	2.8	2
6	Na/K Diffusion in FeP as an Anode Material for Ion Batteries. Journal of Physical Chemistry C, 2020, 124, 6495-6501.	3.1	7
7	Structural Transformation and Cycling Improvement of Nanosized Flower-like γ-MnO ₂ in a Sodium Battery. ACS Applied Energy Materials, 2019, 2, 5050-5056.	5.1	13
8	FeP/C Composites as an Anode Material for K-Ion Batteries. ACS Applied Materials & Interfaces, 2019, 11, 22364-22370.	8.0	56
9	A Cobaltâ€Free Li(Li _{0.17} Ni _{0.17} Fe _{0.17} Mn _{0.49})O ₂ Cathode with More Oxygenâ€Involving Charge Compensation for Lithiumâ€Ion Batteries. ChemSusChem, 2019, 12, 2471-2479.	6.8	20
10	A Cobaltâ€Free Li(Li 0.16 Ni 0.19 Fe 0.18 Mn 0.46)O 2 Cathode for Lithiumâ€Ion Batteries with Anionic Redox Reactions. ChemSusChem, 2019, 12, 1162-1168.	6.8	20
11	Regionâ€Dependent and Stable Ferroelectric Photovoltaic Effect Driven by Novel Inâ€Plane Selfâ€Polarization in Narrowâ€Bandgap Bi ₂ FeMo _{0.7} Ni _{0.3} O ₆ Thin Film. Advanced Optical Materials, 2019, 7, 1801105.	7.3	25
12	Curvature, vacancy size and chirality effects of mono- to octa-vacancies in zigzag single-walled carbon nanotubes. New Journal of Chemistry, 2016, 40, 8625-8631.	2.8	1
13	Curvature effect of vacancies in single-walled carbon nanotubes. Surface Science, 2015, 633, 29-37.	1.9	3
14	A reasonable criterion of nitrogen-doped single-walled carbon nanotubes with pyridine-like configurations. Surface Science, 2013, 608, 122-128.	1.9	4
15	Chemical Anisotropies of Carbon Nanotubes and Fullerenes Caused by the Curvature Directivity. Chemistry - A European Journal, 2007, 13, 6430-6436.	3.3	16
16	Bond-Curvature Effect of Sidewall [2+1] Cycloadditions of Single-Walled Carbon Nanotubes:  A New Criterion To the Adduct Structures. Chemistry of Materials, 2006, 18, 3579-3584.	6.7	43
17	Electronic structures and hydrogenation of a chiral single-wall (6,4) carbon nanotube: A density functional theory study. Chemical Physics Letters, 2006, 418, 40-45.	2.6	11
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