

Long Hao

List of Publications by Year in descending order

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48
papers

3,071
citations

236925

25
h-index

243625

44
g-index

48
all docs

48
docs citations

48
times ranked

4305
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbonaceous Electrode Materials for Supercapacitors. <i>Advanced Materials</i> , 2013, 25, 3899-3904.	21.0	625
2	Structural Evolution of 2D Microporous Covalent Triazine-Based Framework toward the Study of High-Performance Supercapacitors. <i>Journal of the American Chemical Society</i> , 2015, 137, 219-225.	13.7	390
3	Terephthalonitrile-derived nitrogen-rich networks for high performance supercapacitors. <i>Energy and Environmental Science</i> , 2012, 5, 9747.	30.8	171
4	Bottom-Up Construction of Triazine-Based Frameworks as Metal-Free Electrocatalysts for Oxygen Reduction Reaction. <i>Advanced Materials</i> , 2015, 27, 3190-3195.	21.0	167
5	Evolution of corrosion of MnCuP weathering steel submitted to wet/dry cyclic tests in a simulated coastal atmosphere. <i>Corrosion Science</i> , 2012, 58, 175-180.	6.6	124
6	Atmospheric corrosion resistance of MnCuP weathering steel in simulated environments. <i>Corrosion Science</i> , 2011, 53, 4187-4192.	6.6	118
7	Approaching the Downsizing Limit of Silicon for Surface-Controlled Lithium Storage. <i>Advanced Materials</i> , 2015, 27, 1526-1532.	21.0	110
8	Atmospheric corrosion monitoring of a weathering steel under an electrolyte film in cyclic wet-dry condition. <i>Corrosion Science</i> , 2014, 78, 130-137.	6.6	107
9	Evolution of atmospheric corrosion of MnCuP weathering steel in a simulated coastal-industrial atmosphere. <i>Corrosion Science</i> , 2012, 59, 270-276.	6.6	98
10	Au@MnO ₂ Core-Shell Nanomesh Electrodes for Transparent Flexible Supercapacitors. <i>Small</i> , 2014, 10, 4136-4141.	10.0	93
11	A self-template synthesis of porous ZnCo ₂ O ₄ microspheres for high-performance quasi-solid-state asymmetric supercapacitors. <i>RSC Advances</i> , 2017, 7, 1038-1044.	3.6	89
12	A study of the evolution of rust on Mo-Cu-bearing fire-resistant steel submitted to simulated atmospheric corrosion. <i>Corrosion Science</i> , 2012, 54, 244-250.	6.6	86
13	Benzotrithiophene-Based Covalent Organic Frameworks: Construction and Structure Transformation under Ionothermal Condition. <i>Journal of the American Chemical Society</i> , 2018, 140, 11618-11622.	13.7	76
14	A Facile Reduction Method for Roll-to-Roll Production of High Performance Graphene-Based Transparent Conductive Films. <i>Advanced Materials</i> , 2017, 29, 1605028.	21.0	70
15	Effect of sulphur dioxide on the corrosion of a low alloy steel in simulated coastal industrial atmosphere. <i>Corrosion Science</i> , 2014, 83, 155-163.	6.6	67
16	Highly efficient polypyrrole sensitized TiO ₂ nanotube films for photocathodic protection of Q235 carbon steel. <i>Corrosion Science</i> , 2016, 111, 596-601.	6.6	55
17	Hydrogen-induced effects on the CVD growth of high-quality graphene structures. <i>Nanoscale</i> , 2013, 5, 8363.	5.6	54
18	High Oxygen Reduction Reaction Performances of Cathode Materials Combining Polyoxometalates, Coordination Complexes, and Carbonaceous Supports. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 38486-38498.	8.0	48

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19	A graphene-oxide-based thin coating on the separator: an efficient barrier towards high-stable lithium-sulfur batteries. <i>2D Materials</i> , 2015, 2, 024013.	4.4	47
20	Effect of tin addition on corrosion behavior of a low-alloy steel in simulated coastal-industrial atmosphere. <i>Journal of Materials Science and Technology</i> , 2019, 35, 1228-1239.	10.7	40
21	Microstructure induced galvanic corrosion evolution of SAC305 solder alloys in simulated marine atmosphere. <i>Journal of Materials Science and Technology</i> , 2020, 51, 40-53.	10.7	39
22	Graphenal Polymers for Energy Storage. <i>Small</i> , 2014, 10, 2122-2135.	10.0	35
23	A fast room-temperature strategy for direct reduction of graphene oxide films towards flexible transparent conductive films. <i>Journal of Materials Chemistry A</i> , 2014, 2, 10969-10973.	10.3	31
24	Temperature and NaCl deposition dependent corrosion of SAC305 solder alloy in simulated marine atmosphere. <i>Journal of Materials Science and Technology</i> , 2021, 75, 252-264.	10.7	28
25	Corrosion kinetics and patina evolution of galvanized steel in a simulated coastal-industrial atmosphere. <i>Journal of Materials Science and Technology</i> , 2019, 35, 2345-2356.	10.7	27
26	In-situ EIS study on the initial corrosion evolution behavior of SAC305 solder alloy covered with NaCl solution. <i>Journal of Alloys and Compounds</i> , 2021, 852, 156953.	5.5	27
27	Synergistically engineered self-standing silicon/carbon composite arrays as high performance lithium battery anodes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 494-498.	10.3	26
28	Graphene-templated formation of 3D tin-based foams for lithium ion storage applications with a long lifespan. <i>Journal of Materials Chemistry A</i> , 2016, 4, 362-367.	10.3	25
29	Rusting Evolution of MnCuP Weathering Steel Submitted to Simulated Industrial Atmospheric Corrosion. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2012, 43, 1724-1730.	2.2	22
30	Freestanding carbon-coated CNT/Sn(O ₂) coaxial sponges with enhanced lithium-ion storage capability. <i>Nanoscale</i> , 2015, 7, 20380-20385.	5.6	20
31	A Facile and Effective Method for Constructing Rambutan-Like NiCo ₂ O ₄ Hierarchical Architectures for Supercapacitor Applications. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 2340-2346.	2.0	20
32	Numerical Approach for Atmospheric Corrosion Monitoring Based on EIS of a Weathering Steel. <i>Acta Metallurgica Sinica (English Letters)</i> , 2015, 28, 261-271.	2.9	17
33	Poly (zinc phthalocyanine) Nanoribbons and Their Application in the High-Sensitive Detection of Lead Ions. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 1051-1059.	2.2	16
34	High-quality graphene grown directly on stainless steel meshes through CVD process for enhanced current collectors of supercapacitors. <i>Science China Technological Sciences</i> , 2014, 57, 259-263.	4.0	16
35	Substituent engineering of covalent organic frameworks modulates the crystallinity and electrochemical reactivity. <i>Journal of Energy Chemistry</i> , 2022, 65, 490-496.	12.9	15
36	A perspective on effect by Ag addition to corrosion evolution of Pb-free Sn solder. <i>Materials Letters</i> , 2021, 297, 129935.	2.6	13

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37	Iron and Iodine Co-doped Triazine-Based Frameworks with Efficient Oxygen Reduction Reaction in Alkaline and Acidic Media. ACS Sustainable Chemistry and Engineering, 2019, 7, 11787-11794.	6.7	12
38	A versatile transition metal ion-binding motif derived from covalent organic framework for efficient CO2 electroreduction. Applied Catalysis B: Environmental, 2021, 291, 119915.	20.2	12
39	Entrapment of polyaspartic acid on silica nanoparticle for self-healing coatings. Materials and Corrosion - Werkstoffe Und Korrosion, 2017, 68, 717-724.	1.5	9
40	Electrocatalysts: Bottom-Up Construction of Triazine-Based Frameworks as Metal-Free Electrocatalysts for Oxygen Reduction Reaction (Adv. Mater. 20/2015). Advanced Materials, 2015, 27, 3189-3189.	21.0	6
41	Understanding in compositional phases of carbon steel rust layer with a long-term atmospheric exposure. Materials Letters, 2022, 315, 131968.	2.6	6
42	Cucumber (Cucumis sativus L.) Leaf Extract as a Green Corrosion Inhibitor for Carbon Steel in Acidic Solution: Electrochemical, Functional and Molecular Analysis. Molecules, 2022, 27, 3826.	3.8	6
43	High-temperature aging time-induced composition and thickness evolution in the native oxides film on Sn solder substrate. Journal of Materials Science: Materials in Electronics, 2021, 32, 24209-24228.	2.2	5
44	Study on Electroless Ni-P Deposit on W-Cu Alloy and its Anti-Corrosion Mechanism. Key Engineering Materials, 0, 373-374, 240-243.	0.4	2
45	The formation and mechanism of oxides film on GCr15 bearing steel under indoor atmospheric exposure. Inorganic Chemistry Communication, 2022, 141, 109538.	3.9	1
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47	Graphenal Polymers for Energy Storage Studies. , 2017, , .		0
48	Optical absorptions of benzotrithiophene-based covalent organic frameworks evolving with amine-building blocks. , 2021, , .		0