Kui Li

List of Publications by Year
in descending order

52 papers	2,293 citations	236612 25 h-index	214527 47 g-index
52 all docs	52 docs citations	52 times ranked	3180 citing authors

#	Article	IF	Citations
1	Engineering dual charge transfer material modified Zn_xCd_{1â^'x}S towards highly effective photocatalytic pure water splitting. Journal of Materials Chemistry C, 2022, 10, 8101-8108.	2.7	7
2	Biomimetic metalâ€“organic framework-derived porous carbon welded carbon nanotube networks for strain sensors with high sensitivity and wide sensing range. Applied Surface Science, 2022, 593, 153417.	3.1	8
3	Cobalt ion redox and conductive polymers boosted the photocatalytic activity of the graphite carbon nitrideâ€“Co₃O₄ Z-scheme heterostructure. New Journal of Chemistry, 2021, 45, 162-168.	1.4	6
4	Design of earth-abundant Z-scheme g-C₃N₄/rGO/FeOOH ternary heterojunctions with excellent photocatalytic activity. CrystEngComm, 2021, 23, 1991-1998.	1.3	17
5	Bimetallic zeolite-imidazole framework-based heterostructure with enhanced photocatalytic hydrogen production activity. RSC Advances, 2021, 11, 9048-9056.	1.7	19
6	Polyoxometalate@MOF derived porous carbon-supported MoO₂/MoS₂ octahedra boosting high-rate lithium storage. Dalton Transactions, 2021, 50, 14595-14601.	1.6	15
7	Self-Assembly of a 3D Hollow BiOBr@Bi-MOF Heterostructure with Enhanced Photocatalytic Degradation of Dyes. ACS Applied Materials & Interfaces, 2021, 13, 56171-56180.	4.0	88
8	Rational design of cocatalyst system for improving the photocatalytic hydrogen evolution activity of graphite carbon nitride. Applied Catalysis B: Environmental, 2020, 268, 118402.	10.8	82
9	Conductive polymer supported and confined iron phosphide nanocrystals for boosting the photocatalytic hydrogen production of graphitic carbon nitride. Journal of Materials Chemistry C, 2020, 8, 14540-14547.	2.7	15
10	Hierarchical-metalâ€“organic framework-templated Cu_{0.5}Zn_{0.5}In₂S₄-rGO-g-C₃N₄: flexible synthesis and enhanced photocatalytic activity. Journal of Materials Chemistry A, 2020, 8, 22124-22133.	5.2	29
11	Corncob-Derived Hierarchical Porous Activated Carbon for High-Performance Lithium-Ion Capacitors. Energy & Fuels, 2020, 34, 16885-16892.	2.5	15
12	Competitive Self-Assembly of PANI Confined MoS₂ Boosting the Photocatalytic Activity of the Graphitic Carbon Nitride. ACS Sustainable Chemistry and Engineering, 2020, 8, 13352-13361.	3.2	33
13	Engineering a hetero-MOF-derived TiO₂â€“Co₃O₄ heterojunction decorated with nickel nanoparticles for enhanced photocatalytic activity even in pure water. CrystEngComm, 2020, 22, 5620-5627.	1.3	30
14	Toward enhanced photocatalytic activity of graphite carbon nitride through rational design of noble metal-free dual cocatalysts. Nanoscale, 2020, 12, 13829-13837.	2.8	41
15	Metalâ€“organic framework-derived CdSâ€“NiO heterostructures with modulated morphology and enhanced photocatalytic hydrogen evolution activity in pure water. Journal of Materials Chemistry C, 2020, 8, 10071-10077.	2.7	43
16	Versatile Functional Porous Cobaltâ€“Nickel Phosphideâ€“Carbon Cocatalyst Derived from a Metalâ€“Organic Framework for Boosting the Photocatalytic Activity of Graphitic Carbon Nitride. ACS Applied Materials & Interfaces, 2019, 11, 28918-28927.	4.0	69
17	Hybrid VS₂ cocatalyst and phosphorus dopant towards both surface and bulk modification of ZnCdS/CdS heterostructures. Catalysis Science and Technology, 2019, 9, 583-587.	2.1	27
18	High-performance TiO₂ photocatalyst produced by the versatile functions of the tiny bimetallic MOF-derived NiCoS-porous carbon cocatalyst. CrystEngComm, 2019, 21, 3686-3693.	1.3	20

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19	Biomimetic, recyclable, highly stretchable and self-healing conductors enabled by dual reversible bonds. Chemical Engineering Journal, 2019, 371, 203-212.	6.6	53
20	Conductive Ti₃C₂ and MOF-derived CoS_x boosting the photocatalytic hydrogen production activity of TiO₂. CrystEngComm, 2019, 21, 2416-2421.	1.3	54
21	Enhanced photocatalytic hydrogen evolution over bimetallic zeolite imidazole framework-encapsulated CdS nanorods. Dalton Transactions, 2019, 48, 3560-3565.	1.6	23
22	Phosphorus-doped molybdenum disulfide facilitating the photocatalytic hydrogen production activity of CdS nanorod. New Journal of Chemistry, 2019, 43, 5335-5340.	1.4	6
23	Boosting the photocatalytic activity of graphite carbon nitride by designing novel MoS₂â€“transition metal heterojunction cocatalysts. Journal of Materials Chemistry C, 2019, 7, 13211-13217.	2.7	34
24	Research of silica aerogels prepared by acidic silica sol under the condition of atmospheric pressure drying. Journal of Porous Materials, 2018, 25, 341-349.	1.3	14
25	Intrinsic counterclockwise hysteresis in Mn-doped Pb(Zr,Ti)O3 gated MoS2 field effect transistors. Materials Research Express, 2018, 5, 066308.	0.8	2
26	Enhanced photocatalytic H₂ production of cadmium-free rGO-mediated ZnS/CuS heterojunction derived from a MOF. CrystEngComm, 2018, 20, 5490-5495.	1.3	27
27	Recent Advancements in Flexible and Stretchable Electrodes for Electromechanical Sensors: Strategies, Materials, and Features. ACS Applied Materials & Interfaces, 2017, 9, 12147-12164.	4.0	359
28	Co-Doped Zn_{1â^'x}Cd_xS nanocrystals from metalâ€“organic framework precursors: porous microstructure and efficient photocatalytic hydrogen evolution. Dalton Transactions, 2017, 46, 10553-10557.	1.6	57
29	Engineering Zn_{1â€“x}Cd_xS/CdS Heterostructures with Enhanced Photocatalytic Activity. ACS Applied Materials & Interfaces, 2016, 8, 14535-14541.	4.0	73
30	Hexagonal@Cubic CdS Core@Shell Nanorod Photocatalyst for Highly Active Production of H₂ with Unprecedented Stability. Advanced Materials, 2016, 28, 8906-8911.	11.1	271
31	In situ synthesis of porous ZnO-embedded Zn_{1â^'x}Cd_xS/CdS heterostructures for enhanced photocatalytic activity. CrystEngComm, 2016, 18, 1446-1452.	1.3	9
32	Engineering the Morphology and Configuration of Ternary Heterostructures for Improving Their Photocatalytic Activity. ACS Applied Materials & Interfaces, 2016, 8, 4516-4522.	4.0	34
33	Self-assembly of a mesoporous ZnS/mediating interface/CdS heterostructure with enhanced visible-light hydrogen-production activity and excellent stability. Chemical Science, 2015, 6, 5263-5268.	3.7	65
34	Effect of polarization switching cycles on the dielectric response and Rayleigh constant in Pb0.4Sr0.6TiO3 thin films. Journal of Applied Physics, 2014, 115, 064102.	1.1	6
35	Effect of interface configurations on the dynamic scaling behavior of Pb(Zr0.53Ti0.47)O3 thin films. Applied Physics Letters, 2014, 104, 092904.	1.5	10
36	Metalâ€“organic framework templated nitrogen and sulfur co-doped porous carbons as highly efficient metal-free electrocatalysts for oxygen reduction reactions. Journal of Materials Chemistry A, 2014, 2, 6316-6319.	5.2	179

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37	Electrical properties of lead-free KNN films on SRO/STO by RF magnetron sputtering. Ceramics International, 2014, 40, 1195-1198.	2.3	29
38	The effect of deposition power on the micro-structure and dielectric response of Pb0.4Sr0.6TiO3 thin films. Ceramics International, 2014, 40, 149-153.	2.3	1
39	Temperature dependence of dynamic hysteresis behavior in Pb0.4Sr0.6TiO3 ferroelectric films. Solid State Communications, 2014, 192, 89-92.	0.9	7
40	Heteroatoms ternary-doped porous carbons derived from MOFs as metal-free electrocatalysts for oxygen reduction reaction. Scientific Reports, 2014, 4, 5130.	1.6	174
41	Temperatureâ€dependent ferroelectric dynamic hysteresis properties of modified PMNâ€“PZT relaxor ceramics. Physica Status Solidi - Rapid Research Letters, 2013, 7, 438-442.	1.2	11
42	Low Temperature Deposition of High Performance Lead Strontium Titanate Thin Films by in situ <scp>RF</scp> Magnetron Sputtering. Journal of the American Ceramic Society, 2013, 96, 1682-1684.	1.9	19
43	Internal bias field relaxation in poled Mn-doped Pb(Mn1/3Sb2/3)O3â€“Pb(Zr,Ti)O3 ceramics. Ceramics International, 2013, 39, 7703-7708.	2.3	23
44	Crystallographic orientation dependence of dielectric response in lead strontium titanate thin films. Journal of Crystal Growth, 2013, 377, 143-146.	0.7	8
45	Temperature scaling behavior of dynamic hysteresis for (K,Na)NbO3 lead-free ferroelectric films. Journal of Applied Physics, 2013, 113, 214103.	1.1	14
46	Enhanced tunability performance of low temperature crystallized Pb0.4Sr0.6TiO3 thin films derived from distinct microstructure. Materials Letters, 2013, 107, 361-363.	1.3	8
47	Large stable strain memory effect in poled Mn-doped Pb(Mn1/3Sb2/3)O3-Pb(Zr,Ti)O3 ceramics. Applied Physics Letters, 2013, 102, .	1.5	49
48	Influence of <scp>LNO</scp> Top Electrodes on Electrical Properties of <scp>KNN</scp>/<scp>LNO</scp> Thin Films Prepared by <scp>RF</scp> Magnetron Sputtering. Journal of the American Ceramic Society, 2013, 96, 787-790.	1.9	33
49	Low-temperature crystallization of high performance Pb0.4Sr0.6TiO3 films compatible with the current silicon-based microelectronic technology. Applied Physics Letters, 2013, 102, 212901.	1.5	7
50	Linear temperature scaling of ferroelectric hysteresis in Mn-doped Pb(Mn1/3Sb2/3)O3-Pb(Zr,Ti)O3 ceramic with internal bias field. Applied Physics Letters, 2013, 102, .	1.5	52
51	Effect of Sintering Atmosphere on the Microstructure and Electrical Properties of Donorâ€Doped Barium Strontium Calcium Titanate Pyroelectric Ceramics. Journal of the American Ceramic Society, 2011, 94, 2003-2006.	1.9	11
52	Dielectric and pyroelectric properties of poled Ba_{0.6}Sr_{0.3}Ca_{0.1}TiO₃ ceramics. Physica Status Solidi (A) Applications and Materials Science, 2011, 208, 1127-1131.	0.8	7