# 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 | 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 |
| 2 | Hexagonal@Cubic CdS Core@Shell Nanorod Photocatalyst for Highly Active Production of H<sub>2</sub> with Unprecedented Stability. Advanced Materials, 2016, 28, 8906-8911. | 11.1 | 271 |
| 3 | 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 |
| 4 | Heteroatoms ternary-doped porous carbons derived from MOFs as metal-free electrocatalysts for oxygen reduction reaction. Scientific Reports, 2014, 4, 5130. | 1.6 | 174 |
| 5 | 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 |
| 6 | 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 |
| 7 | Engineering Zn<sub>1â€“x</sub>Cd<sub>x</sub>S/CdS Heterostructures with Enhanced Photocatalytic Activity. ACS Applied Materials & Interfaces, 2016, 8, 14535-14541. | 4.0 | 73 |
| 8 | 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 |
| 9 | 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 |
| 10 | Co-Doped Zn<sub>1â^'x</sub>Cd<sub>x</sub>S nanocrystals from metalâ€“organic framework precursors: porous microstructure and efficient photocatalytic hydrogen evolution. Dalton Transactions, 2017, 46, 10553-10557. | 1.6 | 57 |
| 11 | Conductive Ti<sub>3</sub>C<sub>2</sub> and MOF-derived CoS<sub>x</sub> boosting the photocatalytic hydrogen production activity of TiO<sub>2</sub>. CrystEngComm, 2019, 21, 2416-2421. | 1.3 | 54 |
| 12 | Biomimetic, recyclable, highly stretchable and self-healing conductors enabled by dual reversible bonds. Chemical Engineering Journal, 2019, 371, 203-212. | 6.6 | 53 |
| 13 | 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 |
| 14 | 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 |
| 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 | 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 |
| 17 | Engineering the Morphology and Configuration of Ternary Heterostructures for Improving Their Photocatalytic Activity. ACS Applied Materials & Interfaces, 2016, 8, 4516-4522. | 4.0 | 34 |
| 18 | Boosting the photocatalytic activity of graphite carbon nitride by designing novel MoS<sub>2</sub>â€“transition metal heterojunction cocatalysts. Journal of Materials Chemistry C, 2019, 7, 13211-13217. | 2.7 | 34 |

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|---|---|---|---|
| 19 | 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 |
| 20 | Competitive Self-Assembly of PANI Confined MoS<sub>2</sub> Boosting the Photocatalytic Activity of the Graphitic Carbon Nitride. ACS Sustainable Chemistry and Engineering, 2020, 8, 13352-13361. | 3.2 | 33 |
| 21 | Engineering a hetero-MOF-derived TiO<sub>2</sub>â€“Co<sub>3</sub>O<sub>4</sub> heterojunction decorated with nickel nanoparticles for enhanced photocatalytic activity even in pure water. CrystEngComm, 2020, 22, 5620-5627. | 1.3 | 30 |
| 22 | Electrical properties of lead-free KNN films on SRO/STO by RF magnetron sputtering. Ceramics International, 2014, 40, 1195-1198. | 2.3 | 29 |
| 23 | Hierarchical-metalâ€“organic framework-templated Cu<sub>0.5</sub>Zn<sub>0.5</sub>In<sub>2</sub>S<sub>4</sub>-rGO-g-C<sub>3</sub>N<sub>4</sub>: flexible synthesis and enhanced photocatalytic activity. Journal of Materials Chemistry A, 2020, 8, 22124-22133. | 5.2 | 29 |
| 24 | Enhanced photocatalytic H<sub>2</sub> production of cadmium-free rGO-mediated ZnS/CuS heterojunction derived from a MOF. CrystEngComm, 2018, 20, 5490-5495. | 1.3 | 27 |
| 25 | Hybrid VS<sub>2</sub> 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 |
| 26 | 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 |
| 27 | Enhanced photocatalytic hydrogen evolution over bimetallic zeolite imidazole framework-encapsulated CdS nanorods. Dalton Transactions, 2019, 48, 3560-3565. | 1.6 | 23 |
| 28 | High-performance TiO<sub>2</sub> photocatalyst produced by the versatile functions of the tiny bimetallic MOF-derived NiCoS-porous carbon cocatalyst. CrystEngComm, 2019, 21, 3686-3693. | 1.3 | 20 |
| 29 | 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 |
| 30 | Bimetallic zeolite-imidazole framework-based heterostructure with enhanced photocatalytic hydrogen production activity. RSC Advances, 2021, 11, 9048-9056. | 1.7 | 19 |
| 31 | Design of earth-abundant Z-scheme g-C<sub>3</sub>N<sub>4</sub>/rGO/FeOOH ternary heterojunctions with excellent photocatalytic activity. CrystEngComm, 2021, 23, 1991-1998. | 1.3 | 17 |
| 32 | 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 |
| 33 | Corncob-Derived Hierarchical Porous Activated Carbon for High-Performance Lithium-Ion Capacitors. Energy & Fuels, 2020, 34, 16885-16892. | 2.5 | 15 |
| 34 | Polyoxometalate@MOF derived porous carbon-supported MoO<sub>2</sub>/MoS<sub>2</sub> octahedra boosting high-rate lithium storage. Dalton Transactions, 2021, 50, 14595-14601. | 1.6 | 15 |
| 35 | Temperature scaling behavior of dynamic hysteresis for (K,Na)NbO3 lead-free ferroelectric films. Journal of Applied Physics, 2013, 113, 214103. | 1.1 | 14 |
| 36 | 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 |

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| 37 | 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 |
| 38 | 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 |
| 39 | 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 |
| 40 | In situ synthesis of porous ZnO-embedded Zn<sub>1â^'x</sub>Cd<sub>x</sub>S/CdS heterostructures for enhanced photocatalytic activity. CrystEngComm, 2016, 18, 1446-1452. | 1.3 | 9 |
| 41 | Crystallographic orientation dependence of dielectric response in lead strontium titanate thin films. Journal of Crystal Growth, 2013, 377, 143-146. | 0.7 | 8 |
| 42 | 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 |
| 43 | 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 |
| 44 | Dielectric and pyroelectric properties of poled Ba<sub>0.6</sub>Sr<sub>0.3</sub>Ca<sub>0.1</sub>TiO<sub>3</sub> ceramics. Physica Status Solidi (A) Applications and Materials Science, 2011, 208, 1127-1131. | 0.8 | 7 |
| 45 | 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 |
| 46 | Temperature dependence of dynamic hysteresis behavior in Pb0.4Sr0.6TiO3 ferroelectric films. Solid State Communications, 2014, 192, 89-92. | 0.9 | 7 |
| 47 | Engineering dual charge transfer material modified Zn<sub>x</sub>Cd<sub>1â^'x</sub>S towards highly effective photocatalytic pure water splitting. Journal of Materials Chemistry C, 2022, 10, 8101-8108. | 2.7 | 7 |
| 48 | 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 |
| 49 | Phosphorus-doped molybdenum disulfide facilitating the photocatalytic hydrogen production activity of CdS nanorod. New Journal of Chemistry, 2019, 43, 5335-5340. | 1.4 | 6 |
| 50 | Cobalt ion redox and conductive polymers boosted the photocatalytic activity of the graphite carbon nitrideâ€“Co<sub>3</sub>O<sub>4</sub> Z-scheme heterostructure. New Journal of Chemistry, 2021, 45, 162-168. | 1.4 | 6 |
| 51 | Intrinsic counterclockwise hysteresis in Mn-doped Pb(Zr,Ti)O3 gated MoS2 field effect transistors. Materials Research Express, 2018, 5, 066308. | 0.8 | 2 |
| 52 | 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 |