

Chao Du

List of Publications by Year in descending order

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17
papers

668
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759233

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times ranked

393
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Differentially Fed Duplex Filtering Dielectric Resonator Antenna With High Isolation and CM Suppression. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 979-983. | 3.0 | 13 |
| 2 | Design of a Sub-6 GHz Dielectric Resonator Antenna with Novel Temperature-Stabilized ($\text{Sm}_{1-x}\text{Bi}_x\text{NbO}_4$ ($x = 0 \sim 0.15$)) Microwave Dielectric Ceramics. ACS Applied Materials & Interfaces, 2022, 14, 7030-7038. | 8.0 | 52 |
| 3 | Fabrication of Wideband Low-Profile Dielectric Patch Antennas from Temperature Stable $0.65 \text{CaTiO}_3 \sim 0.35 \text{LaAlO}_3$ Microwave Dielectric Ceramic. Advanced Electronic Materials, 2022, 8, . | 5.1 | 18 |
| 4 | Temperature stable $\text{Sm}(\text{Nb}_x\text{V}_x\text{O}_4)$ (0.0 $\leq x \leq$ 0.9) microwave dielectric ceramics with ultra-low dielectric loss for dielectric resonator antenna applications. Journal of Materials Chemistry C, 2021, 9, 9962-9971. | 5.5 | 60 |
| 5 | Dual-Band Filtering Dielectric Antenna Using High-Quality-Factor $\text{Y}_3\text{Al}_5\text{O}_{12}$ Transparent Dielectric Ceramic. Advanced Engineering Materials, 2021, 23, 2100115. | 3.5 | 10 |
| 6 | Dielectric resonator antenna with $\text{Y}_3\text{Al}_5\text{O}_{12}$ transparent dielectric ceramics for 5G millimeter-wave applications. Journal of the American Ceramic Society, 2021, 104, 4659-4668. | 3.8 | 41 |
| 7 | Temperature-Stable $(\text{Na}_{0.5}\text{Bi}_{0.5})\text{MoO}_4 \sim (\text{Na}_{0.5}\text{Bi}_{0.5})\text{MoO}_3$ Composite Ceramics with Ultralow Sintering Temperatures and Low Dielectric Loss for Dielectric Resonator Antenna Applications. ACS Applied Electronic Materials, 2021, 3, 2286-2296. | 4.3 | 22 |
| 8 | High-Quality-Factor ALON Transparent Ceramics for 5 GHz Wi-Fi Aesthetically Decorative Antennas. ACS Applied Materials & Interfaces, 2021, 13, 46866-46874. | 8.0 | 16 |
| 9 | Design of a High-Efficiency and -Gain Antenna Using Novel Low-Loss, Temperature-Stable $\text{Li}_2\text{Ti}_{0.75}(\text{Cu}_{1/3}\text{Nb}_{2/3})\text{O}_3$ Microwave Dielectric Ceramics. ACS Applied Materials & Interfaces, 2021, 13, 912-923. | 3.8 | 18 |
| 10 | Dielectric resonator antennas based on high quality factor MgAl_2O_4 transparent dielectric ceramics. Journal of Materials Chemistry C, 2020, 8, 14880-14885. | 5.5 | 37 |
| 11 | Temperature stable $\text{Li}_2\text{Ti}_{0.75}(\text{Mg}_{1/3}\text{Nb}_{2/3})_{0.25}\text{O}_3$ -based microwave dielectric ceramics with low sintering temperature and ultra-low dielectric loss for dielectric resonator antenna applications. Journal of Materials Chemistry C, 2020, 8, 4690-4700. | 5.5 | 142 |
| 12 | An ultra-broadband terahertz metamaterial coherent absorber using multilayer electric ring resonator structures based on anti-reflection coating. Nanoscale, 2020, 12, 9769-9775. | 5.6 | 64 |
| 13 | Highly Efficient and Non-Precious Metal for the Li-SOCl_2 Battery Using Nitrogen Doped Carbon Supported Cu Nanoparticles. Journal of the Electrochemical Society, 2019, 166, A641-A648. | 2.9 | 7 |
| 14 | Ionic Liquid Filled Single-Walled Carbon Nanotubes for Flow-Induced Energy Harvesting. Journal of Physical Chemistry C, 2019, 123, 6981-6988. | 3.1 | 7 |
| 15 | Nitrogen-Doped Carbon Nanotubes Based on Ionic Liquid Precursors as Effective Cathode Catalysts for Li/SOCl_2 Batteries. Journal of the Electrochemical Society, 2018, 165, A1955-A1960. | 2.9 | 4 |
| 16 | Modification of lubricant infused porous surface for low-voltage reversible electrowetting. Journal of Materials Chemistry A, 2017, 5, 19159-19167. | 10.3 | 38 |
| 17 | Two-part compound bidding mode of wind power considering demand-side interaction. , 2014, , . | | 1 |