

Chao Du

List of Publications by Year in descending order

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17
papers

668
citations

759233

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940533

16
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times ranked

393
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature stable $\text{Li}_{2-x}\text{Ti}_{0.75}\text{(Mg}_{1/3}\text{Nb}_{2/3})_{0.25}\text{O}_3$ -based microwave dielectric ceramics with low sintering temperature and ultra-low dielectric loss for dielectric resonator antenna applications. <i>Journal of Materials Chemistry C</i> , 2020, 8, 4690-4700.	5.5	142
2	Design of a High-Efficiency and -Gain Antenna Using Novel Low-Loss, Temperature-Stable $\text{Li}_2\text{Ti}_1\text{Cu}_{1/3}\text{Nb}_{2/3}\text{O}_{10}$ Microwave Dielectric Ceramics. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 912-923.	8.0	133
3	An ultra-broadband terahertz metamaterial coherent absorber using multilayer electric ring resonator structures based on anti-reflection coating. <i>Nanoscale</i> , 2020, 12, 9769-9775.	5.6	64
4	Temperature stable $\text{Sm}(\text{Nb}_{1-x}\text{V}_x)\text{O}_4$ (0.0 $\leq x \leq$ 0.9) microwave dielectric ceramics with ultra-low dielectric loss for dielectric resonator antenna applications. <i>Journal of Materials Chemistry C</i> , 2021, 9, 9962-9971.	5.5	60
5	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. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 7030-7038.	8.0	52
6	Dielectric resonator antenna with $\text{Y}_3\text{Al}_5\text{O}_{12}$ transparent dielectric ceramics for 5G millimeter-wave applications. <i>Journal of the American Ceramic Society</i> , 2021, 104, 4659-4668.	3.8	41
7	Modification of lubricant infused porous surface for low-voltage reversible electrowetting. <i>Journal of Materials Chemistry A</i> , 2017, 5, 19159-19167.	10.3	38
8	Dielectric resonator antennas based on high quality factor MgAl_2O_4 transparent dielectric ceramics. <i>Journal of Materials Chemistry C</i> , 2020, 8, 14880-14885.	5.5	37
9	Temperature-Stable $(\text{Na}_{0.5}\text{Bi}_{0.5})\text{MoO}_4$ ($(1-x)\text{MoO}_3$) Composite Ceramics with Ultralow Sintering Temperatures and Low Dielectric Loss for Dielectric Resonator Antenna Applications. <i>ACS Applied Electronic Materials</i> , 2021, 3, 2286-2296.	4.3	22
10	Fabrication of Wideband Low-Profile Dielectric Patch Antennas from Temperature Stable 0.65 CaTiO_3 \sim 0.35 LaAlO_3 Microwave Dielectric Ceramic. <i>Advanced Electronic Materials</i> , 2022, 8, .	5.1	18
11	High-Quality-Factor ALON Transparent Ceramics for 5 GHz Wi-Fi Aesthetically Decorative Antennas. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 46866-46874.	8.0	16
12	Differentially Fed Duplex Filtering Dielectric Resonator Antenna With High Isolation and CM Suppression. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022, 69, 979-983.	3.0	13
13	Dual-Band Filtering Dielectric Antenna Using High-Quality-Factor $\text{Y}_3\text{Al}_5\text{O}_{12}$ Transparent Dielectric Ceramic. <i>Advanced Engineering Materials</i> , 2021, 23, 2100115.	3.5	10
14	Highly Efficient and Non-Precious Metal for the Li-SOCl_2 Battery Using Nitrogen Doped Carbon Supported Cu Nanoparticles. <i>Journal of the Electrochemical Society</i> , 2019, 166, A641-A648.	2.9	7
15	Ionic Liquid Filled Single-Walled Carbon Nanotubes for Flow-Induced Energy Harvesting. <i>Journal of Physical Chemistry C</i> , 2019, 123, 6981-6988.	3.1	7
16	Nitrogen-Doped Carbon Nanotubes Based on Ionic Liquid Precursors as Effective Cathode Catalysts for Li/SOCl_2 Batteries. <i>Journal of the Electrochemical Society</i> , 2018, 165, A1955-A1960.	2.9	4
17	Two-part compound bidding mode of wind power considering demand-side interaction. , 2014, , .		1