

Gang Dou

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

605
citations

623574

14
h-index

610775

24
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30
all docs

30
docs citations

30
times ranked

346
citing authors

#	ARTICLE	IF	CITATIONS
1	An associative memory circuit based on physical memristors. <i>Neurocomputing</i> , 2022, 472, 12-23.	3.5	42
2	Hierarchical porous N,S-doped carbon material derived from halogenated polymer for battery applications. <i>Nano Select</i> , 2021, 2, 581-590.	1.9	1
3	A novel memcapacitor and its application in a chaotic circuit. <i>Nonlinear Dynamics</i> , 2021, 105, 877-886.	2.7	14
4	Coexisting Multi-Dynamics of a Physical SBT Memristor-Based Chaotic Circuit. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2020, 30, 2030043.	0.7	13
5	Effects of BaCu(B2O5) additives on the crystal structures and dielectric properties of CaMgGeO4 ceramics for LTCC applications. <i>CrystEngComm</i> , 2020, 22, 4768-4777.	1.3	12
6	Phonon characteristics and intrinsic properties of phase-pure CaMoO4 microwave dielectric ceramic. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 5686-5691.	1.1	12
7	Dynamics of the two-SBT-memristor-based chaotic circuit. <i>Chinese Physics B</i> , 2020, 29, 110505.	0.7	9
8	Multistability in a physical memristor-based modified Chua's circuit. <i>Chaos</i> , 2019, 29, 043114.	1.0	20
9	Complex Dynamics in a Memcapacitor-Based Circuit. <i>Entropy</i> , 2019, 21, 188.	1.1	34
10	Effects of Initial Conditions and Circuit Parameters on the SBT-Memristor-Based Chaotic Circuit. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2019, 29, 1950171.	0.7	9
11	A physical SBT-memristor-based Chua's circuit and its complex dynamics. <i>Chaos</i> , 2018, 28, 083121.	1.0	8
12	Dynamics of a physical SBT memristor-based Wien-bridge circuit. <i>Nonlinear Dynamics</i> , 2018, 93, 1681-1693.	2.7	28
13	Establishment of Physical and Mathematical Models for Sr0.95Ba0.05TiO3 Memristor. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2017, 27, 1750148.	0.7	22
14	Memristive Behavior Based on Ba-Doped SrTiO ₃ Films. <i>Chinese Physics Letters</i> , 2017, 34, 038502.	1.3	21
15	A bidirectional DC-DC converters for photovoltaic generation energy storage system. , 2017, , .		2
16	Dynamic Analysis of a Physical SBT Memristor-Based Chaotic Circuit. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2017, 27, 1730047.	0.7	25
17	Effects of CaTiO3 on microwave dielectric properties of Li2ZnSiO4 ceramics for LTCC. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 359-364.	1.1	13
18	Effects of low melting point materials on sinterability and microwave dielectric properties of X2SiO4-CaTiO3 (X=A,Mg, Zn) for LTCC. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 9195-9199.	1.1	12

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19	The improvement research on microwave dielectric properties of magnesium tungstate for LTCC. Journal of Materials Science: Materials in Electronics, 2015, 26, 608-612.	1.1	19
20	The effect of LMBS glass on the microwave dielectric properties of the Mg ₃ B ₂ O ₆ for LTCC. Journal of Materials Science: Materials in Electronics, 2015, 26, 4207-4211.	1.1	16
21	The effect of titanium compounds addition on the microwave dielectric properties of the ZnO-Nb ₂ O ₅ ceramics for LTCC. Journal of Materials Science: Materials in Electronics, 2014, 25, 4319-4325.	1.1	9
22	A new microwave dielectric ceramics for LTCC applications: Li ₂ Mg ₂ (WO ₄) ₃ ceramics. Journal of Materials Science: Materials in Electronics, 2014, 25, 3712-3715.	1.1	17
23	Low-temperature Sintering and Microwave Dielectric Properties of Zn ₂ Nb ₂ O ₆ TiO ₂ Ceramics with BaCu(B ₂ O ₅) ₂ Additions. International Journal of Applied Ceramic Technology, 2013, 10, 857-865.	1.1	6
24	Low-temperature sintered Mg ₂ SiO ₄ -CaTiO ₃ ceramics with near-zero temperature coefficient of resonant frequency. Journal of Materials Science: Materials in Electronics, 2013, 24, 1431-1438.	1.1	43
25	Low temperature sintering and microwave dielectric properties of Li ₂ ZnSiO ₄ ceramics with ZB glass. Journal of Materials Science: Materials in Electronics, 2013, 24, 1601-1607.	1.1	29
26	TOWARDS THE IMPLEMENTATION OF MEMRISTOR: A STUDY OF THE ELECTRIC PROPERTIES OF Ba _{0.77} Sr _{0.23} TiO ₃ MATERIAL. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2013, 23, 1350204.	0.7	11
27	Low-temperature sintered MgWO ₄ -CaTiO ₃ ceramics with near-zero temperature coefficient of resonant frequency. Journal of the European Ceramic Society, 2012, 32, 883-890.	2.8	53
28	A new temperature stable microwave dielectric ceramics: ZnTiNb ₂ O ₈ sintered at low temperatures. Journal of Alloys and Compounds, 2011, 509, 5988-5995.	2.8	80
29	Low temperature sintering and microwave dielectric properties of ZnTiNb ₂ O ₈ ceramics with BaCu(B ₂ O ₅) additions. Materials Chemistry and Physics, 2011, 130, 903-908.	2.0	21
30	A single-T chaotic circuit based on a physical memristor. European Physical Journal: Special Topics, 0, , .	1.2	4