

Douglas B Chrisey

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/463978/douglas-b-chrisey-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

38
papers

572
citations

13
h-index

23
g-index

39
ext. papers

688
ext. citations

4
avg, IF

3.95
L-index

#	Paper	IF	Citations
38	Electric Cell-Substrate Impedance Sensing (ECIS) as a Platform for Evaluating Barrier-Function Susceptibility and Damage from Pulmonary Atelectrauma. <i>Biosensors</i> , 2022 , 12, 390	5.9	0
37	Preparation of Cobalt Oxide-Reduced Graphitic Oxide Supercapacitor Electrode by Photothermal Processing. <i>Nanomaterials</i> , 2021 , 11,	5.4	5
36	Isoflavonoid-Antibiotic Thin Films Fabricated by MAPLE with Improved Resistance to Microbial Colonization. <i>Molecules</i> , 2021 , 26,	4.8	1
35	Magnetoelectric and Multiferroic Properties of BaTiO ₃ /NiFe ₂ O ₄ /BaTiO ₃ Heterostructured Thin Films Grown by Pulsed Laser Deposition Technique. <i>Crystals</i> , 2021 , 11, 1192	2.3	0
34	Nanostructured manganese oxides electrode with ultra-long lifetime for electrochemical capacitors.. <i>RSC Advances</i> , 2020 , 10, 16817-16825	3.7	4
33	Novel Antimicrobial Surfaces to Defeat COVID-19 Transmission. <i>MRS Advances</i> , 2020 , 5, 2839-2851	0.7	4
32	Matrix-Assisted Pulsed laser Evaporation-deposited Rapamycin Thin Films Maintain Antiproliferative Activity. <i>International Journal of Bioprinting</i> , 2020 , 6, 188	6.2	2
31	Solvent-based Extrusion 3D Printing for the Fabrication of Tissue Engineering Scaffolds. <i>International Journal of Bioprinting</i> , 2020 , 6, 211	6.2	32
30	Ultra-long cycle life and binder-free manganese-cobalt oxide supercapacitor electrodes through photonic nanostructuring.. <i>RSC Advances</i> , 2020 , 10, 40234-40243	3.7	6
29	First principles modeling of nanoparticle-polymer surface functionalizations for improved capacitive energy storage. <i>Journal of Materials Science</i> , 2020 , 55, 15813-15825	4.3	1
28	Pulsed photoinitiated fabrication of inkjet printed titanium dioxide/reduced graphene oxide nanocomposite thin films. <i>Nanotechnology</i> , 2018 , 29, 315401	3.4	8
27	Evaluation of bioink printability for bioprinting applications. <i>Applied Physics Reviews</i> , 2018 , 5, 041304	17.3	83
26	Instantaneous photoinitiated synthesis and rapid pulsed photothermal treatment of three-dimensional nanostructured TiO ₂ thin films through pulsed light irradiation. <i>Journal of Materials Research</i> , 2017 , 32, 1701-1709	2.5	13
25	Effects of living cells on the bioink printability during laser printing. <i>Biomicrofluidics</i> , 2017 , 11, 034120	3.2	33
24	Transformer sound level caused by core magnetostriction and winding stress displacement variation. <i>AIP Advances</i> , 2017 , 7, 056681	1.5	5
23	Pulsed photonic fabrication of nanostructured metal oxide thin films. <i>Applied Physics A: Materials Science and Processing</i> , 2017 , 123, 1	2.6	2
22	Low temperature sintered giant dielectric permittivity CaCu ₃ Ti ₄ O ₁₂ sol-gel synthesized nanoparticle capacitors. <i>Journal of Advanced Dielectrics</i> , 2017 , 07, 1750017	1.3	6

21	Electric field induced weak ferroelectricity in Ba _{0.70} Sr _{0.30} TiO ₃ , ceramics capacitors. <i>Ferroelectrics</i> , 2017 , 516, 133-139	0.6	6
20	Printing amphotericin B on microneedles using matrix-assisted pulsed laser evaporation. <i>International Journal of Bioprinting</i> , 2017 , 3, 004	6.2	8
19	Directed self-assembly software for single cell deposition. <i>International Journal of Bioprinting</i> , 2017 , 3, 006	6.2	1
18	Laser Direct-Write Onto Live Tissues: A Novel Model for Studying Cancer Cell Migration. <i>Journal of Cellular Physiology</i> , 2016 , 231, 2333-8	7	26
17	Rapid Large-Scale Synthesis of Vanadate Nanoscrolls with Controllable Lengths. <i>ChemNanoMat</i> , 2016 , 2, 54-60	3.5	7
16	Time-Resolved Imaging Study of Jetting Dynamics during Laser Printing of Viscoelastic Alginate Solutions. <i>Langmuir</i> , 2015 , 31, 6447-56	4	57
15	Polymer-ceramic nanocomposites for high energy density applications. <i>Journal of Sol-Gel Science and Technology</i> , 2015 , 73, 641-646	2.3	28
14	Nanoscale Ferroelectric Switchable Polarization and Leakage Current Behavior in (Ba _{0.50} Sr _{0.50})(Ti _{0.80} Sn _{0.20})O ₃ Thin Films Prepared Using Chemical Solution Deposition. <i>Journal of Nanomaterials</i> , 2015 , 2015, 1-7	3.2	4
13	Multifunctionalization of Nanostructured Metal Oxides. <i>Journal of Nanomaterials</i> , 2015 , 2015, 1-1	3.2	1
12	Crystal structure, dielectric, ferroelectric and energy storage properties of La-doped BaTiO ₃ semiconducting ceramics. <i>Journal of Advanced Dielectrics</i> , 2015 , 05, 1550027	1.3	31
11	Bubble Formation Modeling During Laser Direct Writing of Glycerol Solutions. <i>Journal of Micro and Nano-Manufacturing</i> , 2015 , 3,	1.3	13
10	Core-shell structured poly(glycidyl methacrylate)/BaTiO ₃ nanocomposites prepared by surface-initiated atom transfer radical polymerization: A novel material for high energy density dielectric storage. <i>Journal of Polymer Science Part A</i> , 2015 , 53, 719-728	2.5	39
9	Tracking Human Adipose-Derived Stem Cells (hASCs) in an Ex Vivo Microvascular Network Model. <i>FASEB Journal</i> , 2015 , 29, 790.2	0.9	1
8	Structure, Ferroelectric, Dielectric and Energy Storage Studies of Ba _{0.70} Ca _{0.30} TiO ₃ , Ba(Zr _{0.20} Ti _{0.80})O ₃ Ceramic Capacitors. <i>Integrated Ferroelectrics</i> , 2014 , 157, 139-146	0.8	31
7	Preparation of BaTiO ₃ /low melting glass core-shell nanoparticles for energy storage capacitor applications. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 18087-18096	13	66
6	Photonic curing of aromatic thiol-ene click dielectric capacitors via inkjet printing. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 17380-17386	13	12
5	Synthesis and characterization of lead-free ternary component BSTBCTBZT ceramic capacitors. <i>Journal of Advanced Dielectrics</i> , 2014 , 04, 1450014	1.3	31
4	Dielectric Properties of UV Cured Thick Film Polymer Networks through High Power Xenon Flash Lamp Curing. <i>Materials Research Society Symposia Proceedings</i> , 2014 , 1630, 1		3

3	Flexible iron oxide supercapacitor electrodes by photonic processing. <i>Journal of Materials Research</i> ,1	2.5	1
2	Enhanced energy storage properties of epitaxial (Ba 0.955 Ca 0.045)(Zr 0.17 Ti 0.83)O ₃ ferroelectr. <i>Energy Storage</i> ,	2.8	1
1	Review on Energy Storage in Lead-free Ferroelectric Films. <i>Energy Storage</i> ,	2.8	0