

# Csaba Cserhãiti

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

555  
citations

687363

13  
h-index

642732

23  
g-index

35  
all docs

35  
docs citations

35  
times ranked

881  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical loading stimulates chondrogenesis via the PKA/CREB-Sox9 and PP2A pathways in chicken micromass cultures. <i>Cellular Signalling</i> , 2014, 26, 468-482.	3.6	95
2	Elemental concentrations in deposited dust on leaves along an urbanization gradient. <i>Science of the Total Environment</i> , 2014, 490, 514-520.	8.0	88
3	Saharan dust deposition in the Carpathian Basin and its possible effects on interglacial soil formation. <i>Aeolian Research</i> , 2016, 22, 1-12.	2.7	46
4	Production of hollow hemisphere shells by pure Kirkendall porosity formation in Au/Ag system. <i>Applied Physics Letters</i> , 2010, 97, .	3.3	34
5	Development of oxidative stress tolerance resulted in reduced ability to undergo morphologic transitions and decreased pathogenicity in at-butylhydroperoxide-tolerant mutant of <i>Candida albicans</i> . <i>FEMS Yeast Research</i> , 2007, 7, 834-847.	2.3	29
6	Granulometric characterization of paleosols in loess series by automated static image analysis. <i>Sedimentary Geology</i> , 2018, 370, 1-14.	2.1	26
7	Mechanism of hydration of biocompatible silica-casein aerogels probed by NMR and SANS reveal backbone rigidity. <i>Applied Surface Science</i> , 2020, 531, 147232.	6.1	23
8	False Morphology of Aerogels Caused by Gold Coating for SEM Imaging. <i>Polymers</i> , 2021, 13, 588.	4.5	23
9	On the miscibility gap of Cu-Ni system. <i>Acta Materialia</i> , 2018, 148, 49-54.	7.9	22
10	Synthesis of biocompatible nanocomposite hydrogels as a local drug delivery system. <i>Colloid and Polymer Science</i> , 2008, 286, 357-363.	2.1	19
11	Signalling Alterations in Bones of Pituitary Adenylate Cyclase Activating Polypeptide (PACAP) Gene Deficient Mice. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2538.	4.1	17
12	Temperature-dependent formation and shrinkage of hollow shells in hemispherical Ag/Pd nanoparticles. <i>Philosophical Magazine</i> , 2012, 92, 3806-3812.	1.6	14
13	Unusual Saharan dust events in the Carpathian Basin (Central Europe) in 2013 and early 2014. <i>Weather</i> , 2014, 69, 309-313.	0.7	13
14	Preparation of TiO <sub>2</sub> -MoO <sub>3</sub> composite nanofibers by water-based electrospinning process and their application in photocatalysis. <i>Materials Science in Semiconductor Processing</i> , 2022, 147, 106699.	4.0	12
15	Direct surface patterning of homogeneous and nanostructured chalcogenide layers. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2009, 6, S83-S85.	0.8	11
16	Nanoscale Effects in Diffusion. <i>Journal of Metastable and Nanocrystalline Materials</i> , 2004, 19, 107-128.	0.1	10
17	Morphometric and molecular studies on the populations of the damselflies <i>Chalcolestes viridis</i> and <i>C. parvidens</i> (Odonata, Lestidae). <i>International Journal of Odonatology</i> , 2011, 14, 329-339.	0.5	10
18	Nitrogen doped carbon aerogel composites with TiO <sub>2</sub> and ZnO prepared by atomic layer deposition. <i>Journal of Materials Chemistry C</i> , 2020, 8, 6891-6899.	5.5	10

#	ARTICLE	IF	CITATIONS
19	Structural and electrical investigation of $(Ag_3AsS_3)_x(As_2S_3)_{1-x}$ superionic glasses. Open Physics, 2012, 10, .	1.7	8
20	Synthesis and Stabilization of Support-Free Mesoporous Gold Nanoparticles. Nanomaterials, 2020, 10, 1107.	4.1	6
21	Direct surface relief formation by e-beam in amorphous chalcogenide layers. Journal of Materials Science: Materials in Electronics, 2017, 28, 7024-7028.	2.2	5
22	IR Microimaging of Direction-Dependent Uptake in MFL-Type Crystals. Chemie-Ingenieur-Technik, 2017, 89, 1686-1693.	0.8	5
23	Non Parabolic Shift of Interfaces and Effect of Diffusion Asymmetry on Nanoscale Solid State Reactions. Journal of Nano Research, 2009, 7, 43-49.	0.8	4
24	Morphological observations and emended description of Amphora micrometra from the Bolivian Altiplano, South America. Diatom Research, 2011, 26, 199-212.	1.2	4
25	Preparation of TiO <sub>2</sub> /WO <sub>3</sub> /C/N Composite Nanofibers by Electrospinning Using Precursors Soluble in Water and Their Photocatalytic Activity in Visible Light. Nanomaterials, 2021, 11, 351.	4.1	4
26	Nucleation and growth kinetics of ZnAl <sub>2</sub> O <sub>4</sub> spinel in crystalline ZnO and amorphous Al <sub>2</sub> O <sub>3</sub> . Journal of Applied Physics, 2015, 118, 044303.	5.2	4
27	Direct formation of high aspect ratio multiple tilted micropillar array in liquid phase PDMS by proton beam writing. European Polymer Journal, 2015, 69, 396-402.	5.4	3
28	Analysing the European genera of family Lestidae (Odonata: Zygoptera) with special emphasis on the status of Chalcolestes based on the morphological characteristics of male adults. International Journal of Odonatology, 2018, 21, 241-259.	0.5	3
29	Growth and Characterization of Graphene Layers on Different Kinds of Copper Surfaces. Molecules, 2022, 27, 1789.	3.8	3
30	Continuous tuning of the plasmon resonance frequency of porous gold nanoparticles by mixed oxide layers. Journal of Porous Materials, 2020, 27, 1583-1588.	2.6	2
31	Segregation, Phase Separation and Grain Boundary Diffusion in Thin Films. Defect and Diffusion Forum, 1998, 156, 121-128.	0.4	1
32	Morphological and in situ local refractive index change induced tuning of the optical properties of titania coated porous gold nanoparticles. Journal of Applied Physics, 2020, 128, 054303.	2.5	1
33	Silicide Formation Reactions in a-Si/Co Multilayered Samples. Defect and Diffusion Forum, 0, 277, 3-8.	0.4	0
34	Investigation of mechanical properties of the generated surface structures on a chalcogenide thin film with AFM. , 2015, , .		0
35	Patterning photosensitive layers for optoelectronic applications. , 2015, , .		0