

# Chuan Li

## List of Publications by Year in descending order

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31  
papers

400  
citations

840776

11  
h-index

794594

19  
g-index

31  
all docs

31  
docs citations

31  
times ranked

690  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of sputtering process on the thermochromic function of vanadium dioxide thin films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2022, 40, 013403.	2.1	4
2	Structural and Mechanical Properties of Fluorine-Containing TaCxNy Thin Films Deposited by Reactive Magnetron Sputtering. <i>Coatings</i> , 2022, 12, 508.	2.6	1
3	Application of Spectroscopic Analysis for Plasma Polymerization Deposition onto the Inner Surfaces of Silicone Tubes. <i>Coatings</i> , 2022, 12, 865.	2.6	3
4	Fabrication of Gelatin Nanofibers by Electrospinning a Mixture of Gelatin and Polyvinyl Alcohol. <i>Polymers</i> , 2022, 14, 2610.	4.5	16
5	The Correlation of Plasma Characteristics to the Deposition Rate of Plasma Polymerized Methyl Methacrylate Thin Films in an Inductively Coupled Plasma System. <i>Coatings</i> , 2022, 12, 1014.	2.6	3
6	Charge trapping with $\text{Fe}_2\text{O}_3$ nanoparticles accompanied by human hair towards an enriched triboelectric series and a sustainable circular bioeconomy. <i>Materials Horizons</i> , 2021, 8, 3149-3162.	12.2	11
7	Experimental Investigation on the Sputtering Process for Tantalum Oxynitride Thin Films. <i>Photonics</i> , 2021, 8, 53.	2.0	3
8	Experimental study on property and electrochromic function of stacked $\text{WO}_3/\text{Ta}_2\text{O}_5/\text{NiO}$ films by sputtering. <i>Thin Solid Films</i> , 2018, 660, 373-379.	1.8	25
9	Fabrication and structural characterization of plasma polymerized polypyrrole thin film. <i>Surface and Coatings Technology</i> , 2017, 320, 206-212.	4.8	16
10	Cyclopropylamine modified plasma polymerised poly(methyl methacrylate) thin films for cell culture. <i>International Journal of Nanotechnology</i> , 2017, 14, 1045.	0.2	2
11	Plasma polymerised poly(methyl methacrylate) and cyclopropylamine films on polylactic acid nanofibres by electrospinning. <i>International Journal of Nanotechnology</i> , 2017, 14, 977.	0.2	2
12	Enhanced Mechanical Properties of MgZnCa Bulk Metallic Glass Composites with Ti-Particle Dispersion. <i>Metals</i> , 2016, 6, 116.	2.3	10
13	The role of bifurcation angles on collective smooth muscle cell biomechanics and the implication in atherosclerosis development. <i>Biomaterials Science</i> , 2016, 4, 430-438.	5.4	5
14	Biomechanistic Study of Smooth Muscle Cell Sheet during Circumferential Alignment in Circular Micropatterns. <i>ACS Biomaterials Science and Engineering</i> , 2015, 1, 549-558.	5.2	6
15	Electrochromic study on amorphous tungsten oxide films by sputtering. <i>Thin Solid Films</i> , 2015, 587, 75-82.	1.8	26
16	The deposition and microstructure of amorphous tungsten oxide films by sputtering. <i>Vacuum</i> , 2015, 118, 125-132.	3.5	23
17	Microfluidic platform for human placenta-derived multipotent stem cells culture and applied for enhanced neuronal differentiation. <i>Microfluidics and Nanofluidics</i> , 2015, 18, 587-598.	2.2	15
18	Collective cell traction force analysis on aligned smooth muscle cell sheet between three-dimensional microwalls. <i>Interface Focus</i> , 2014, 4, 20130056.	3.0	11

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19	Electrical stimulation to promote osteogenesis using conductive polypyrrole films. <i>Materials Science and Engineering C</i> , 2014, 37, 28-36.	7.3	107
20	Fabrication and characterization of polymethylmethacrylate (PMMA) thin film by plasma polymerization used for cell culture. <i>Surface and Coatings Technology</i> , 2014, 259, 20-26.	4.8	9
21	Hydrostatic pressure enhances mitomycin C induced apoptosis in urothelial carcinoma cells. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2014, 32, 26.e17-26.e24.	1.6	9
22	Optical and photoelectrochemical studies on Ag <sub>2</sub> O/TiO <sub>2</sub> double-layer thin films. <i>Thin Solid Films</i> , 2014, 570, 436-444.	1.8	18
23	Effects of H <sub>2</sub> and Ar flow rates on the deposition of hydrogenated silicon thin films by an inductive coupled plasma-chemical vapor deposition system. <i>Thin Solid Films</i> , 2013, 544, 37-43.	1.8	2
24	Electrical and structural study on indium zinc oxide thin films by sputtering process. <i>Surface and Coatings Technology</i> , 2013, 231, 471-477.	4.8	3
25	Structures and photocatalytic behavior of tantalum-oxynitride thin films. <i>Thin Solid Films</i> , 2011, 519, 4699-4704.	1.8	17
26	Experimental and numerical determination of cellular traction force on polymeric hydrogels. <i>Interface Focus</i> , 2011, 1, 777-791.	3.0	22
27	MICROMECHANICAL CHARACTERIZATION OF HYDROGEL-BASED CONTACT LENS. <i>International Journal of Modern Physics B</i> , 2010, 24, 117-127.	2.0	6
28	A Miniature Capacitive Micromachined Ultrasonic Transducer Array for Minimally Invasive Photoacoustic Imaging. <i>Journal of Microelectromechanical Systems</i> , 2010, 19, 1002-1011.	2.5	16
29	A diffusion study in the barrier of metallized amorphous binary alloys with numerical approach. <i>Thin Solid Films</i> , 2009, 517, 3831-3836.	1.8	1
30	Parametric and numerical study on the diffusion in a metalized amorphous binary alloys film. <i>Thin Solid Films</i> , 2009, 517, 5087-5091.	1.8	3
31	Diffusion barriers performance of amorphous Ta-Zr films in Cu metallization. <i>Surface and Coatings Technology</i> , 2008, 202, 5676-5679.	4.8	5