Chuan Li

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3703042/publications.pdf

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31	400	840776 11	794594 19
papers	citations	h-index	g-index

31	31	31	690
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electrical stimulation to promote osteogenesis using conductive polypyrrole films. Materials Science and Engineering C, 2014, 37, 28-36.	7.3	107
2	Electrochromic study on amorphous tungsten oxide films by sputtering. Thin Solid Films, 2015, 587, 75-82.	1.8	26
3	Experimental study on property and electrochromic function of stacked WO3/Ta2O5/NiO films by sputtering. Thin Solid Films, 2018, 660, 373-379.	1.8	25
4	The deposition and microstructure of amorphous tungsten oxide films by sputtering. Vacuum, 2015, 118, 125-132.	3.5	23
5	Experimental and numerical determination of cellular traction force on polymeric hydrogels. Interface Focus, 2011, 1, 777-791.	3.0	22
6	Optical and photoelectrochemical studies on Ag2O/TiO2 double-layer thin films. Thin Solid Films, 2014, 570, 436-444.	1.8	18
7	Structures and photocatalytic behavior of tantalum-oxynitride thin films. Thin Solid Films, 2011, 519, 4699-4704.	1.8	17
8	A Miniature Capacitive Micromachined Ultrasonic Transducer Array for Minimally Invasive Photoacoustic Imaging. Journal of Microelectromechanical Systems, 2010, 19, 1002-1011.	2.5	16
9	Fabrication and structural characterization of plasma polymerized polypyrrole thin film. Surface and Coatings Technology, 2017, 320, 206-212.	4.8	16
10	Fabrication of Gelatin Nanofibers by Electrospinningâ€"Mixture of Gelatin and Polyvinyl Alcohol. Polymers, 2022, 14, 2610.	4.5	16
11	Microfluidic platform for human placenta-derived multipotent stem cells culture and applied for enhanced neuronal differentiation. Microfluidics and Nanofluidics, 2015, 18, 587-598.	2.2	15
12	Collective cell traction force analysis on aligned smooth muscle cell sheet between three-dimensional microwalls. Interface Focus, 2014, 4, 20130056.	3.0	11
13	Charge trapping with Î±-Fe₂O₃ nanoparticles accompanied by human hair towards an enriched triboelectric series and a sustainable circular bioeconomy. Materials Horizons, 2021, 8, 3149-3162.	12.2	11
14	Enhanced Mechanical Properties of MgZnCa Bulk Metallic Glass Composites with Ti-Particle Dispersion. Metals, 2016, 6, 116.	2.3	10
15	Fabrication and characterization of polymethylmethacrylate (PMMA) thin film by plasma polymerization used for cell culture. Surface and Coatings Technology, 2014, 259, 20-26.	4.8	9
16	Hydrostatic pressure enhances mitomycin C induced apoptosis in urothelial carcinoma cells. Urologic Oncology: Seminars and Original Investigations, 2014, 32, 26.e17-26.e24.	1.6	9
17	MICROMECHANICAL CHARACTERIZATION OF HYDROGEL-BASED CONTACT LENS. International Journal of Modern Physics B, 2010, 24, 117-127.	2.0	6
18	Biomechanistic Study of Smooth Muscle Cell Sheet during Circumferential Alignment in Circular Micropatterns. ACS Biomaterials Science and Engineering, 2015, 1, 549-558.	5.2	6

#	Article	IF	Citations
19	Diffusion barriers performance of amorphous Taâ€“Zr films in Cu metallization. Surface and Coatings Technology, 2008, 202, 5676-5679.	4.8	5
20	The role of bifurcation angles on collective smooth muscle cell biomechanics and the implication in atherosclerosis development. Biomaterials Science, 2016, 4, 430-438.	5.4	5
21	Effects of sputtering process on the thermochromic function of vanadium dioxide thin films. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2022, 40, 013403.	2.1	4
22	Parametric and numerical study on the diffusion in a metalized amorphous binary alloys film. Thin Solid Films, 2009, 517, 5087-5091.	1.8	3
23	Electrical and structural study on indium zinc oxide thin films by sputtering process. Surface and Coatings Technology, 2013, 231, 471-477.	4.8	3
24	Experimental Investigation on the Sputtering Process for Tantalum Oxynitride Thin Films. Photonics, 2021, 8, 53.	2.0	3
25	Application of Spectroscopic Analysis for Plasma Polymerization Deposition onto the Inner Surfaces of Silicone Tubes. Coatings, 2022, 12, 865.	2.6	3
26	The Correlation of Plasma Characteristics to the Deposition Rate of Plasma Polymerized Methyl Methacrylate Thin Films in an Inductively Coupled Plasma System. Coatings, 2022, 12, 1014.	2.6	3
27	Effects of H2 and Ar flow rates on the deposition of hydrogenated silicon thin films by an inductive coupled plasma-chemical vapor deposition system. Thin Solid Films, 2013, 544, 37-43.	1.8	2
28	Cyclopropylamine modified plasma polymerised poly(methyl methacrylate) thin films for cell culture. International Journal of Nanotechnology, 2017, 14, 1045.	0.2	2
29	Plasma polymerised poly(methyl methacrylate) and cyclopropylamine films on polylactic acid nanofibres by electrospinning. International Journal of Nanotechnology, 2017, 14, 977.	0.2	2
30	A diffusion study in the barrier of metallized amorphous binary alloys withnumerical approach. Thin Solid Films, 2009, 517, 3831-3836.	1.8	1
31	Structural and Mechanical Properties of Fluorine-Containing TaCxNy Thin Films Deposited by Reactive Magnetron Sputtering. Coatings, 2022, 12, 508.	2.6	1