

Yuwei Fan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1666345/publications.pdf>

Version: 2024-02-01

46
papers

2,744
citations

304602

22
h-index

254106

43
g-index

49
all docs

49
docs citations

49
times ranked

3994
citing authors

#	ARTICLE	IF	CITATIONS
1	Dilute Solution Routes to Various Controllable Morphologies of MCM-41 Silica with a Basic Medium. <i>Chemistry of Materials</i> , 2001, 13, 258-263.	3.2	599
2	<i>Streptococcus mutans</i> Extracellular DNA Is Upregulated during Growth in Biofilms, Actively Released via Membrane Vesicles, and Influenced by Components of the Protein Secretion Machinery. <i>Journal of Bacteriology</i> , 2014, 196, 2355-2366.	1.0	249
3	Culture of neural cells on silicon wafers with nano-scale surface topograph. <i>Journal of Neuroscience Methods</i> , 2002, 120, 17-23.	1.3	234
4	Controlled remineralization of enamel in the presence of amelogenin and fluoride. <i>Biomaterials</i> , 2009, 30, 478-483.	5.7	192
5	The Tooth Enamel Protein, Porcine Amelogenin, Is an Intrinsically Disordered Protein with an Extended Molecular Configuration in the Monomeric Form. <i>Biochemistry</i> , 2009, 48, 2272-2281.	1.2	144
6	Antibacterial Dental Composites with Chlorhexidine and Mesoporous Silica. <i>Journal of Dental Research</i> , 2014, 93, 1283-1289.	2.5	143
7	A composite coating by electrolysis-induced collagen self-assembly and calcium phosphate mineralization. <i>Biomaterials</i> , 2005, 26, 1623-1632.	5.7	135
8	Synthesis and characterization of antibacterial dental monomers and composites. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012, 100B, 1151-1162.	1.6	126
9	Novel dental composites reinforced with zirconia-silica ceramic nanofibers. <i>Dental Materials</i> , 2012, 28, 360-368.	1.6	114
10	Enamel inspired nanocomposite fabrication through amelogenin supramolecular assembly. <i>Biomaterials</i> , 2007, 28, 3034-3042.	5.7	84
11	Adhesion of neural cells on silicon wafer with nano-topographic surface. <i>Applied Surface Science</i> , 2002, 187, 313-318.	3.1	67
12	Microengineered peripheral nerve-on-a-chip for preclinical physiological testing. <i>Lab on A Chip</i> , 2015, 15, 2221-2232.	3.1	63
13	Transcriptional repressor Rex is involved in regulation of oxidative stress response and biofilm formation by <i>Streptococcus mutans</i> . <i>FEMS Microbiology Letters</i> , 2011, 320, 110-117.	0.7	62
14	Fabrication of Cross-Linked Polyethyleneimine Microfibers by Reactive Electrospinning with In Situ Photo-Cross-Linking by UV Radiation. <i>Biomacromolecules</i> , 2010, 11, 2283-2289.	2.6	60
15	Amelogenin-assisted ex vivo remineralization of human enamel: Effects of supersaturation degree and fluoride concentration. <i>Acta Biomaterialia</i> , 2011, 7, 2293-2302.	4.1	60
16	Effect of Fluoride on the Morphology of Calcium Phosphate Crystals Grown on Acid-Etched Human Enamel. <i>Caries Research</i> , 2009, 43, 132-136.	0.9	39
17	Submicrometer-Sized Vaterite Tubes Formed Through Nanobubble-Templated Crystal Growth. <i>Advanced Materials</i> , 2005, 17, 2384-2388.	11.1	38
18	Novel amelogenin-releasing hydrogel for remineralization of enamel artificial caries. <i>Journal of Bioactive and Compatible Polymers</i> , 2012, 27, 585-603.	0.8	37

#	ARTICLE	IF	CITATIONS
19	Enamel Proteases Reduce Amelogenin-Apatite Binding. <i>Journal of Dental Research</i> , 2008, 87, 1133-1137.	2.5	33
20	Improvement of neural cell adherence to silicon surface by hydroxyl ion implantation. <i>Surface and Coatings Technology</i> , 2000, 131, 355-359.	2.2	28
21	Psr is involved in regulation of glucan production, and double deficiency of BrpA and Psr is lethal in <i>Streptococcus mutans</i> . <i>Microbiology (United Kingdom)</i> , 2013, 159, 493-506.	0.7	25
22	Fabrication and Characterization of Dense Zirconia and Zirconia-Silica Ceramic Nanofibers. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 5672-5679.	0.9	23
23	Evaluation of maxillary anterior teeth width: A systematic review. <i>Journal of Prosthetic Dentistry</i> , 2019, 122, 275-281.e7.	1.1	22
24	Apatite Reduces Amelogenin Proteolysis by MMP-20 and KLK4 in vitro. <i>Journal of Dental Research</i> , 2010, 89, 344-348.	2.5	21
25	Durability of self-healing dental composites: A comparison of performance under monotonic and cyclic loading. <i>Materials Science and Engineering C</i> , 2018, 93, 1020-1026.	3.8	21
26	Reactive electrospinning and biodegradation of cross-linked methacrylated polycarbonate nanofibers. <i>Biomedical Materials (Bristol)</i> , 2011, 6, 035004.	1.7	16
27	Electrolytic deposition of calcium etidronate drug coating on titanium substrate. <i>Journal of Biomedical Materials Research Part B</i> , 2005, 72B, 43-51.	3.0	14
28	Migration of Talc From the Perineum to Multiple Pelvic Organ Sites. <i>American Journal of Clinical Pathology</i> , 2019, 152, 590-607.	0.4	10
29	Altered Cell Motility and Attachment With Titanium Surface Modifications. <i>Journal of Periodontology</i> , 2012, 83, 90-100.	1.7	8
30	Correlative polarizing light and scanning electron microscopy for the assessment of talc in pelvic region lymph nodes. <i>Ultrastructural Pathology</i> , 2019, 43, 13-27.	0.4	8
31	Hydrolytic and Color Stability of Resin Infiltration: A Preliminary in vitro Trial. <i>Journal of Contemporary Dental Practice</i> , 2016, 17, 377-381.	0.2	8
32	Interaction of doped magnesium, zinc and fluoride ions on hydroxyapatite crystals grown on etched human enamel. <i>Journal of Crystal Growth</i> , 2021, 571, 126262.	0.7	7
33	Formulation and characterization of antibacterial fluoride-releasing sealants. <i>Pediatric Dentistry (discontinued)</i> , 2013, 35, E13-8.	0.4	7
34	Immunogold Labeling of Amelogenin in Developing Porcine Enamel Revealed by Field Emission Scanning Electron Microscopy. <i>Cells Tissues Organs</i> , 2009, 189, 207-211.	1.3	5
35	Identification of Foreign Particles in Human Tissues Using Raman Microscopy. <i>Analytical Chemistry</i> , 2018, 90, 8362-8369.	3.2	5
36	Analytic comparison of talc in commercially available baby powder and in pelvic tissues resected from ovarian carcinoma patients. <i>Gynecologic Oncology</i> , 2020, 159, 527-533.	0.6	5

#	ARTICLE	IF	CITATIONS
37	Anastomosis of Small Arteries Using a Soluble Stent and Biogluue. Journal of Bioactive and Compatible Polymers, 2004, 19, 409-419.	0.8	4
38	InÂvitro retention of prefabricated and individually formed posts: A pilot study. Journal of Prosthetic Dentistry, 2018, 120, 553-557.	1.1	4
39	Magnesium/silicon atomic weight percent ratio standards for the tissue identification of talc by scanning electron microscopy and energy dispersive X-ray analysis. Ultrastructural Pathology, 2019, 43, 248-260.	0.4	4
40	Analysis of particles from hamster lungs following pulmonary talc exposures: implications for pathogenicity. Particle and Fibre Toxicology, 2020, 17, 20.	2.8	2
41	AFM Observation of CaCO ₃ Crystallization Controlled by Fetal Bovine Serum Proteins. Single Molecules, 2001, 2, 121-124.	1.6	1
42	Collagen-calcium Phosphate Composite Coatings by Electrolysis-induced Self-assembly and Mineralization. Materials Research Society Symposia Proceedings, 2004, 823, W6.4.1.	0.1	0
43	Submicrometer-Sized Vaterite Tubes Formed Through Nanobubble-Template Crystal Growth.. ChemInform, 2005, 36, no.	0.1	0
44	Fabrication of enamel-mimicking mineralization composite coating induced by electrolytic deposition (ELD) system. Materials Research Society Symposia Proceedings, 2007, 1008, 1.	0.1	0
45	Bio-Inspired Nano-Composite Fabrication on Etched Human Enamel Surface. Materials Research Society Symposia Proceedings, 2008, 1094, 1.	0.1	0
46	Effect of Firing Cycle and Etching Protocols on Tensile Bond Strength of Composite Cement to Zirconium-incorporated Lithium-Silicate Glass Ceramic. Journal of Adhesive Dentistry, 2020, 22, 625-633.	0.3	0