

Murat Kazanci

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,197
citations

567281

15
h-index

610901

24
g-index

26
all docs

26
docs citations

26
times ranked

1589
citing authors

#	ARTICLE	IF	CITATIONS
1	Bone osteonal tissues by Raman spectral mapping: Orientationâ€™composition. Journal of Structural Biology, 2006, 156, 489-496.	2.8	194
2	Micromechanical properties of biological silica in skeletons of deep-sea sponges. Journal of Materials Research, 2006, 21, 2068-2078.	2.6	171
3	Raman imaging of two orthogonal planes within cortical bone. Bone, 2007, 41, 456-461.	2.9	137
4	Complementary Information on In Vitro Conversion of Amorphous (Precursor) Calcium Phosphate to Hydroxyapatite from Raman Microspectroscopy and Wide-Angle X-Ray Scattering. Calcified Tissue International, 2006, 79, 354-359.	3.1	134
5	Cortical bone composition and orientation as a function of animal and tissue age in mice by Raman spectroscopy. Bone, 2010, 47, 392-399.	2.9	131
6	Resemblance of Electrospun Collagen Nanofibers to Their Native Structure. Langmuir, 2013, 29, 1562-1572.	3.5	91
7	Air Oxidation of Benzene to Biphenyl - A Dual Catalytic Approach. Advanced Synthesis and Catalysis, 2001, 343, 455-459.	4.3	58
8	Creep and wear behaviour of ethyleneâ€™butene copolymers reinforced by ultra-high molecular weight polyethylene fibres. Wear, 2002, 253, 618-625.	3.1	39
9	Fatigue characterization of polyethylene fiber reinforced polyolefin biomedical composites. Composites Part A: Applied Science and Manufacturing, 2002, 33, 453-458.	7.6	37
10	Preparation and characterization of Bombyx mori silk fibroin and wool keratin. Journal of Applied Polymer Science, 2006, 100, 4260-4264.	2.6	37
11	Observation of triple helix motif on electrospun collagen nanofibers and its effect on the physical and structural properties. Journal of Molecular Structure, 2018, 1151, 73-80.	3.6	27
12	Production of collagen micro- and nanofibers for potential drug-carrier systems. Journal of Enzyme Inhibition and Medicinal Chemistry, 2015, 30, 1013-1016.	5.2	20
13	Tuning the Surface-Enhanced Raman Scattering Effect to Different Molecular Groups by Switching the Silver Colloid Solution pH. Applied Spectroscopy, 2009, 63, 214-223.	2.2	19
14	Flow behavior of regenerated wool-keratin proteins in different mediums. International Journal of Biological Macromolecules, 2005, 35, 151-153.	7.5	18
15	Solvent and temperature effects on folding of electrospun collagen nanofibers. Materials Letters, 2014, 130, 223-226.	2.6	18
16	<i>In vitro</i> observation of dynamic ordering processes in the extracellular matrix of living, adherent cells. Biointerphases, 2011, 6, 171-179.	1.6	15
17	Surface oxidation of polyethylene fiber reinforced polyolefin biomedical composites and its effect on cell attachment. Journal of Materials Science: Materials in Medicine, 2002, 13, 465-468.	3.6	12
18	A Review Of Polymeric Smart Materials For Biomedical Applications. Materials Technology, 2003, 18, 87-93.	3.0	11

#	ARTICLE	IF	CITATIONS
19	Carbon fiber reinforced microcomposites in two different epoxies. <i>Polymer Testing</i> , 2004, 23, 747-753.	4.8	9
20	Effect of Heat Level and Expose Time on Denaturation of Collagen Tissues. <i>Cellular and Molecular Bioengineering</i> , 2021, 14, 113-119.	2.1	5
21	The effect of matrix stiffness on the creep-rupture lifetime of carbon fiber/epoxy composites. <i>Composite Structures</i> , 2001, 54, 221-223.	5.8	3
22	Synchrotron Fourier transform infrared microspectroscopy (sFTIRM) analysis of unfolding behavior of electrospun collagen nanofibers. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 251, 119420.	3.9	3
23	Optical characterization of heat dependent collagen denaturation via Mueller matrix polarimetry in combination with principal component analysis. <i>Applied Optics</i> , 2021, 60, 2543.	1.8	1
24	Air Oxidation of Benzene to Biphenyl â€“ A Dual Catalytic Approach. <i>Advanced Synthesis and Catalysis</i> , 2001, 343, 455-459.	4.3	1
25	KullanÄ±lan FarklÄ± Å±Å±zÄ±cÄ±lerin Å°pek Fibroin-PVA Kompozit SÄ±ngerlerin YapÄ±sÄ±na Olan Etkisi. <i>Tekstil Ve Muhendis</i> , 2019, 26, 224-232.	0.3	0