

Ozge Akbulut

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6354728/publications.pdf>

Version: 2024-02-01

24
papers

2,063
citations

759233

12
h-index

677142

22
g-index

25
all docs

25
docs citations

25
times ranked

3847
citing authors

#	ARTICLE	IF	CITATIONS
1	Superwetting nanowire membranes for selective absorption. <i>Nature Nanotechnology</i> , 2008, 3, 332-336.	31.5	999
2	Integration of paper-based microfluidic devices with commercial electrochemical readers. <i>Lab on a Chip</i> , 2010, 10, 3163.	6.0	452
3	Separation of Nanoparticles in Aqueous Multiphase Systems through Centrifugation. <i>Nano Letters</i> , 2012, 12, 4060-4064.	9.1	186
4	Aqueous Multiphase Systems of Polymers and Surfactants Provide Self-Assembling Step-Gradients in Density. <i>Journal of the American Chemical Society</i> , 2012, 134, 9094-9097.	13.7	113
5	Modified poly(carboxylate ether)-based superplasticizer for enhanced flowability of calcined clay-limestone-gypsum blended Portland cement. <i>Cement and Concrete Research</i> , 2017, 101, 114-122.	11.0	62
6	Single Additive Enables 3D Printing of Highly Loaded Iron Oxide Suspensions. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 9873-9881.	8.0	35
7	Poly(carboxylate ether)-based superplasticizer achieves workability retention in calcium aluminate cement. <i>Scientific Reports</i> , 2017, 7, 41743.	3.3	32
8	Fabrication of biomolecular devices via supramolecular contact-based approaches. <i>Chemical Society Reviews</i> , 2010, 39, 30-37.	38.1	27
9	Conductivity hysteresis in polymer electrolytes incorporating poly(tetrahydrofuran). <i>Electrochimica Acta</i> , 2007, 52, 1983-1989.	5.2	25
10	Application of Supramolecular Nanostamping to the Replication of DNA Nanoarrays. <i>Nano Letters</i> , 2007, 7, 3493-3498.	9.1	22
11	Silicone-based simulation models for peripheral nerve microsurgery. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2019, 72, 477-483.	1.0	16
12	FOURIER TRANSFORM INFRARED AND 1H NUCLEAR MAGNETIC RESONANCE SPECTROSCOPIC FINDINGS OF SILICONE OIL REMOVED FROM EYES AND THE RELATIONSHIP OF EMULSIFICATION WITH RETINOTOMY AND GLAUCOMA. <i>Retina</i> , 2005, 25, 332-338.	1.7	15
13	Silicone-based composite materials simulate breast tissue to be used as ultrasonography training phantoms. <i>Ultrasonics</i> , 2018, 88, 9-15.	3.9	13
14	Shear and extensional rheological characterization of poly(acrylonitrile)/halloysite nanocomposite solutions. <i>European Polymer Journal</i> , 2015, 73, 17-25.	5.4	12
15	Incorporating Steric Hindrance into the Additive Design Enables a Robust Formulation of Alumina Ink for Extrusion-based 3D Printing. <i>ACS Applied Polymer Materials</i> , 2019, 1, 3279-3285.	4.4	11
16	Rheological behavior of poly(acrylonitrile) concentrated solutions: effect of Sb ₂ O ₃ nanoparticles on shear and extensional flow. <i>Colloid and Polymer Science</i> , 2016, 294, 1463-1473.	2.1	9
17	Extensional rheology and stability behavior of alumina suspensions in the presence of AMPS-modified polycarboxylate ether-based copolymers. <i>Colloid and Polymer Science</i> , 2015, 293, 2867-2876.	2.1	8
18	Silicone-based Composites as Surgical Breast Models for Oncoplasty Training. <i>Procedia Engineering</i> , 2016, 159, 104-107.	1.2	7

#	ARTICLE	IF	CITATIONS
19	Synthesis and characterization of mixed ligand chiral nanoclusters. Dalton Transactions, 2016, 45, 11297-11300.	3.3	7
20	The Breathing Wall (BRALL)â€™Triggering Life (in)animate Surfaces. Leonardo, 2016, 49, 162-163.	0.3	4
21	A PCE-based rheology modifier allows machining of solid cast green bodies of alumina. Ceramics International, 2016, 42, 3757-3761.	4.8	4
22	Supramolecular replication of peptide and DNA patterned arrays. Journal of Materials Chemistry, 2010, 20, 68-70.	6.7	3
23	Polymer Bridging Induced by a Single Additive Imparts Easy-To-Implement Green Machinability to Yttria-Stabilized Zirconia. ACS Applied Polymer Materials, 0, , .	4.4	1
24	Electrochemical Microfluidic Paper-Based Analytical Devices Using a Glucometer for Point-of-Care Detection of Multiple Analytes. ECS Meeting Abstracts, 2011, , .	0.0	0