

Adem YÄ±ldÄ±rÄ±m

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/854994/publications.pdf>

Version: 2024-02-01

40
papers

1,697
citations

279487

23
h-index

315357

38
g-index

40
all docs

40
docs citations

40
times ranked

2893
citing authors

#	ARTICLE	IF	CITATIONS
1	Enzyme-Instructed Formation of Î²-Sheet-Rich Nanoplatelets for Label-Free Protease Sensing. ACS Applied Nano Materials, 2021, 4, 7800-7810.	2.4	3
2	Gas-stabilizing nanoparticles for ultrasound imaging and therapy of cancer. Nano Convergence, 2021, 8, 39.	6.3	11
3	Gas-Stabilizing Sub-100 nm Mesoporous Silica Nanoparticles for Ultrasound Theranostics. ACS Omega, 2020, 5, 24762-24772.	1.6	17
4	Temperature-Responsive Hydrophobic Silica Nanoparticle Ultrasound Contrast Agents Directed by Phospholipid Phase Behavior. ACS Applied Materials & Interfaces, 2019, 11, 15233-15240.	4.0	16
5	Colloids, nanoparticles, and materials for imaging, delivery, ablation, and theranostics by focused ultrasound (FUS). Theranostics, 2019, 9, 2572-2594.	4.6	42
6	Nanoparticle-Mediated Acoustic Cavitation Enables High Intensity Focused Ultrasound Ablation Without Tissue Heating. ACS Applied Materials & Interfaces, 2018, 10, 36786-36795.	4.0	48
7	Phospholipid Capped Mesoporous Nanoparticles for Targeted High Intensity Focused Ultrasound Ablation. Advanced Healthcare Materials, 2017, 6, 1700514.	3.9	31
8	Nanoparticles Formed by Acoustic Destruction of Microbubbles and Their Utilization for Imaging and Effects on Therapy by High Intensity Focused Ultrasound. Theranostics, 2017, 7, 694-702.	4.6	36
9	Stable Encapsulation of Air in Mesoporous Silica Nanoparticles: Fluorocarbon-Free Nanoscale Ultrasound Contrast Agents. Advanced Healthcare Materials, 2016, 5, 1290-1298.	3.9	61
10	Phase behavior of mixed lipid monolayers on perfluorocarbon nanoemulsions and its effect on acoustic contrast. RSC Advances, 2016, 6, 111318-111325.	1.7	24
11	Depolymerizable Poly(vinyl carbamate-sulfones) as Customizable Macromolecular Scaffolds for Mucosal Drug Delivery. ACS Macro Letters, 2016, 5, 636-640.	2.3	17
12	Understanding Acoustic Cavitation Initiation by Porous Nanoparticles: Toward Nanoscale Agents for Ultrasound Imaging and Therapy. Chemistry of Materials, 2016, 28, 5962-5972.	3.2	56
13	Robust superhydrophilic patterning of superhydrophobic ormosil surfaces for high-throughput on-chip screening applications. RSC Advances, 2016, 6, 80049-80054.	1.7	12
14	Self-assembled gold nanostar@NaYF ₄ :Yb/Er clusters for multimodal imaging, photothermal and photodynamic therapy. Journal of Materials Chemistry B, 2016, 4, 4455-4461.	2.9	50
15	Cytotoxicity of multifunctional surfactant containing capped mesoporous silica nanoparticles. RSC Advances, 2016, 6, 32060-32069.	1.7	13
16	A porosity difference based selective dissolution strategy to prepare shape-tailored hollow mesoporous silica nanoparticles. Journal of Materials Chemistry A, 2015, 3, 3839-3846.	5.2	36
17	Enhanced performance of dye-sensitized solar cells by omnidirectional antireflective coatings. Journal of Photonics for Energy, 2015, 5, 053090.	0.8	4
18	Microfluidics: Surface Textured Polymer Fibers for Microfluidics (Adv. Funct. Mater. 29/2014). Advanced Functional Materials, 2014, 24, 4568-4568.	7.8	0

#	ARTICLE	IF	CITATIONS
19	Photonic bandgap narrowing in conical hollow core Bragg fibers. <i>Applied Physics Letters</i> , 2014, 105, 071102.	1.5	5
20	Noncovalent functionalization of mesoporous silica nanoparticles with amphiphilic peptides. <i>Journal of Materials Chemistry B</i> , 2014, 2, 2168-2174.	2.9	20
21	Surface Textured Polymer Fibers for Microfluidics. <i>Advanced Functional Materials</i> , 2014, 24, 4569-4576.	7.8	45
22	Formation of Pyrene Excimers in Mesoporous Ormosil Thin Films for Visual Detection of Nitro-explosives. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 4997-5004.	4.0	73
23	Nanoconfinement of pyrene in mesostructured silica nanoparticles for trace detection of TNT in the aqueous phase. <i>Nanoscale</i> , 2014, 6, 15203-15209.	2.8	21
24	The effects of upper extremity progressive resistance and endurance exercises in patients with spinal cord injury. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2014, 27, 419-426.	0.4	15
25	Robust Cassie State of Wetting in Transparent Superhydrophobic Coatings. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 9680-9688.	4.0	91
26	Turn-on Fluorescent Dopamine Sensing Based on <i>in Situ</i> Formation of Visible Light Emitting Polydopamine Nanoparticles. <i>Analytical Chemistry</i> , 2014, 86, 5508-5512.	3.2	211
27	Impact of mesoporous silica nanoparticle surface functionality on hemolytic activity, thrombogenicity and non-specific protein adsorption. <i>Journal of Materials Chemistry B</i> , 2013, 1, 1909.	2.9	157
28	Pluronic polymer capped biocompatible mesoporous silica nanocarriers. <i>Chemical Communications</i> , 2013, 49, 9782.	2.2	50
29	Superhydrophobic and Omnidirectional Antireflective Surfaces from Nanostructured Ormosil Colloids. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 853-860.	4.0	70
30	Smelling in Chemically Complex Environments: An Optofluidic Bragg Fiber Array for Differentiation of Methanol Adulterated Beverages. <i>Analytical Chemistry</i> , 2013, 85, 6384-6391.	3.2	23
31	High Selectivity Boolean Olfaction Using Hollow-Core Wavelength-Scalable Bragg Fibers. <i>Analytical Chemistry</i> , 2012, 84, 83-90.	3.2	13
32	Flexible and mechanically stable antireflective coatings from nanoporous organically modified silica colloids. <i>Journal of Materials Chemistry</i> , 2012, 22, 9671.	6.7	46
33	Template-Directed Synthesis of Silica Nanotubes for Explosive Detection. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 4159-4164.	4.0	36
34	One-Pot Preparation of Fluorinated Mesoporous Silica Nanoparticles for Liquid Marble Formation and Superhydrophobic Surfaces. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 1804-1808.	4.0	56
35	Template free preparation of nanoporous organically modified silica thin films on flexible substrates. <i>Journal of Materials Chemistry</i> , 2011, 21, 14830.	6.7	31
36	Highly Transparent, Flexible, and Thermally Stable Superhydrophobic ORMOSIL Aerogel Thin Films. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 539-545.	4.0	191

#	ARTICLE	IF	CITATIONS
37	Bioinspired Optoelectronic Nose with Nanostructured Wavelength-Scalable Hollow-Core Infrared Fibers. <i>Advanced Materials</i> , 2011, 23, 1263-1267.	11.1	32
38	Sensors: Bioinspired Optoelectronic Nose with Nanostructured Wavelength-Scalable Hollow-Core Infrared Fibers (<i>Adv. Mater.</i> 10/2011). <i>Advanced Materials</i> , 2011, 23, 1262-1262.	11.1	1
39	Artificial olfaction inside nanostructured infrared fiber arrays. , 2011, , .		0
40	Template-Free Synthesis of Organically Modified Silica Mesoporous Thin Films for TNT Sensing. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 2892-2897.	4.0	33