

Hyejoong Jeong

List of Publications by Year in descending order

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32
papers

857
citations

471509

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477307

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33
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33
times ranked

1441
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust superhydrophobic carbon nanofiber network inlay-gated mesh for water-in-oil emulsion separation with high flux. <i>Journal of Materials Chemistry A</i> , 2016, 4, 17970-17980.	10.3	82
2	In vitro blood cell viability profiling of polymers used in molecular assembly. <i>Scientific Reports</i> , 2017, 7, 9481.	3.3	76
3	Durable superhydrophilic coatings formed for anti-biofouling and oil/water separation. <i>Journal of Membrane Science</i> , 2016, 506, 22-30.	8.2	71
4	The Effect of Silica Nanoparticles on Human Corneal Epithelial Cells. <i>Scientific Reports</i> , 2016, 6, 37762.	3.3	56
5	Cobweb-Inspired Superhydrophobic Multiscaled Gating Membrane with Embedded Network Structure for Robust Water-in-Oil Emulsion Separation. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 3448-3455.	6.7	55
6	Drug Loading and Release Behavior Depending on the Induced Porosity of Chitosan/Cellulose Multilayer Nanofilms. <i>Molecular Pharmaceutics</i> , 2017, 14, 3322-3330.	4.6	50
7	Prolonged Release Period of Nitric Oxide Gas for Treatment of Bacterial Keratitis by Amine-Rich Polymer Decoration of Nanoparticles. <i>Chemistry of Materials</i> , 2018, 30, 8528-8537.	6.7	44
8	Multilayered Graphene Nano-Film for Controlled Protein Delivery by Desired Electro-Stimuli. <i>Scientific Reports</i> , 2015, 5, 17631.	3.3	34
9	An Evaluation of the in vivo Safety of Nonporous Silica Nanoparticles: Ocular Topical Administration versus Oral Administration. <i>Scientific Reports</i> , 2017, 7, 8238.	3.3	32
10	Intrinsic Hydrophobic Cairnlike Multilayer Films for Antibacterial Effect with Enhanced Durability. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 26117-26123.	8.0	31
11	Electronic Activation of a DNA Nanodevice Using a Multilayer Nanofilm. <i>Small</i> , 2016, 12, 5572-5578.	10.0	28
12	Durable Urushiol-Based Nanofilm with Water Repellency for Clear Overlay Appliances in Dentistry. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 344-348.	5.2	27
13	Safety of Nonporous Silica Nanoparticles in Human Corneal Endothelial Cells. <i>Scientific Reports</i> , 2017, 7, 14566.	3.3	25
14	Developing regulatory property of gelatin-tannic acid multilayer films for coating-based nitric oxide gas delivery system. <i>Scientific Reports</i> , 2019, 9, 8308.	3.3	24
15	Controlled Nitric Oxide Release Using Poly(lactic-co-glycolic acid) Nanoparticles for Anti-Inflammatory Effects. <i>Biomacromolecules</i> , 2020, 21, 4972-4979.	5.4	24
16	Spray-assisted layer-by-layer self-assembly of tertiary-amine-stabilized gold nanoparticles and graphene oxide for efficient CO ₂ capture. <i>Journal of Membrane Science</i> , 2020, 601, 117905.	8.2	23
17	Assembly of graphene oxide multilayer film for stable and sustained release of nitric oxide gas. <i>Applied Surface Science</i> , 2019, 486, 452-459.	6.1	19
18	Nitric Oxide Delivery Using Biocompatible Perfluorocarbon Microemulsion for Antibacterial Effect. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 1378-1383.	5.2	18

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19	Structural heterogeneity in polymeric nitric oxide donor nanoblended coatings for controlled release behaviors. <i>RSC Advances</i> , 2018, 8, 38792-38800.	3.6	17
20	Poly-L-lysine/poly-L-glutamic acid-based layer-by-layer self-assembled multilayer film for nitric oxide gas delivery. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 69, 263-268.	5.8	17
21	Acceleration of Nitric Oxide Release in Multilayer Nanofilms through Cu(II) Ion Intercalation for Antibacterial Applications. <i>Biomacromolecules</i> , 2021, 22, 1312-1322.	5.4	17
22	The Effects of Nonporous Silica Nanoparticles on Cultured Human Keratocytes. , 2017, 58, 362.		16
23	Co-existing "spear-and-shield" air filter: Anchoring proteinaceous pathogen and self-sterilized nanocoating for combating viral pandemic. <i>Chemical Engineering Journal</i> , 2021, 426, 130763.	12.7	15
24	Organosilicate based superhydrophilic nanofilm with enhanced durability for dentistry application. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 36, 30-34.	5.8	12
25	Generation of zinc ion-rich surface via in situ growth of ZIF-8 particle: Microorganism immobilization onto fabric surface for prohibit hospital-acquired infection. <i>Chemical Engineering Journal</i> , 2022, 446, 137054.	12.7	9
26	Sustained Nitric Oxide-Providing Small Molecule and Precise Release Behavior Study for Glaucoma Treatment. <i>Molecular Pharmaceutics</i> , 2020, 17, 656-665.	4.6	8
27	A Nanocoating Co-localizing Nitric Oxide and Growth Factor onto Individual Endothelial Cells Reveals Synergistic Effects on Angiogenesis. <i>Advanced Healthcare Materials</i> , 2022, 11, e2102095.	7.6	7
28	Nanocrystals Continuously Releasing Nitric Oxide: Promoting Cell Migration and Increasing Cell Survival against Oxidative Stress. <i>Chemistry of Materials</i> , 2020, 32, 9787-9797.	6.7	6
29	Effect of Nitric Oxide on <i>Acanthamoeba castellanii</i> . , 2018, 59, 3239.		4
30	2D graphene oxide particles induce unwanted loss in pluripotency and trigger early differentiation in human pluripotent stem cells. <i>Journal of Hazardous Materials</i> , 2021, 414, 125472.	12.4	4
31	Zinc imidazolate framework-8 as a promising nitric oxide carrier. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 91, 355-361.	5.8	3
32	Effects of Nonporous Silica Nanoparticles on Human Trabecular Meshwork Cells. <i>Journal of Glaucoma</i> , 2021, 30, 195-202.	1.6	2