

# Hyejoong Jeong

## List of Publications by Year in descending order

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32  
papers

857  
citations

471509

17  
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477307

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33  
docs citations

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times ranked

1441  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	Effects of Nonporous Silica Nanoparticles on Human Trabecular Meshwork Cells. <i>Journal of Glaucoma</i> , 2021, 30, 195-202.	1.6	2
7	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
8	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
9	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
10	Spray-assisted layer-by-layer self-assembly of tertiary-amine-stabilized gold nanoparticles and graphene oxide for efficient CO <sub>2</sub> capture. <i>Journal of Membrane Science</i> , 2020, 601, 117905.	8.2	23
11	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
12	Nitric Oxide Delivery Using Biocompatible Perfluorocarbon Microemulsion for Antibacterial Effect. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 1378-1383.	5.2	18
13	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
14	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
15	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
16	Structural heterogeneity in polymeric nitric oxide donor nanoblended coatings for controlled release behaviors. <i>RSC Advances</i> , 2018, 8, 38792-38800.	3.6	17
17	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
18	Effect of Nitric Oxide on <i>Acanthamoeba castellanii</i> . , 2018, 59, 3239.		4

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19	Cobweb-Inspired Superhydrophobic Multiscaled Gating Membrane with Embedded Network Structure for Robust Water-in-Oil Emulsion Separation. ACS Sustainable Chemistry and Engineering, 2017, 5, 3448-3455.	6.7	55
20	Drug Loading and Release Behavior Depending on the Induced Porosity of Chitosan/Cellulose Multilayer Nanofilms. Molecular Pharmaceutics, 2017, 14, 3322-3330.	4.6	50
21	In vitro blood cell viability profiling of polymers used in molecular assembly. Scientific Reports, 2017, 7, 9481.	3.3	76
22	An Evaluation of the in vivo Safety of Nonporous Silica Nanoparticles: Ocular Topical Administration versus Oral Administration. Scientific Reports, 2017, 7, 8238.	3.3	32
23	Safety of Nonporous Silica Nanoparticles in Human Corneal Endothelial Cells. Scientific Reports, 2017, 7, 14566.	3.3	25
24	The Effects of Nonporous Silica Nanoparticles on Cultured Human Keratocytes. , 2017, 58, 362.		16
25	Robust superhydrophobic carbon nanofiber network inlay-gated mesh for water-in-oil emulsion separation with high flux. Journal of Materials Chemistry A, 2016, 4, 17970-17980.	10.3	82
26	Electronic Activation of a DNA Nanodevice Using a Multilayer Nanofilm. Small, 2016, 12, 5572-5578.	10.0	28
27	The Effect of Silica Nanoparticles on Human Corneal Epithelial Cells. Scientific Reports, 2016, 6, 37762.	3.3	56
28	Durable Urushiol-Based Nanofilm with Water Repellency for Clear Overlay Appliances in Dentistry. ACS Biomaterials Science and Engineering, 2016, 2, 344-348.	5.2	27
29	Durable superhydrophilic coatings formed for anti-biofouling and oil/water separation. Journal of Membrane Science, 2016, 506, 22-30.	8.2	71
30	Organosilicate based superhydrophilic nanofilm with enhanced durability for dentistry application. Journal of Industrial and Engineering Chemistry, 2016, 36, 30-34.	5.8	12
31	Multilayered Graphene Nano-Film for Controlled Protein Delivery by Desired Electro-Stimuli. Scientific Reports, 2015, 5, 17631.	3.3	34
32	Intrinsic Hydrophobic Cairnlike Multilayer Films for Antibacterial Effect with Enhanced Durability. ACS Applied Materials & Interfaces, 2015, 7, 26117-26123.	8.0	31