

# Yoon Sung Nam

## List of Publications by Citations

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122  
papers

4,679  
citations

35  
h-index

66  
g-index

127  
ext. papers

5,062  
ext. citations

9  
avg, IF

5.65  
L-index

#	Paper	IF	Citations
122	Porous biodegradable polymeric scaffolds prepared by thermally induced phase separation. <i>Journal of Biomedical Materials Research Part B</i> , <b>1999</b> , 47, 8-17		508
121	A novel fabrication method of macroporous biodegradable polymer scaffolds using gas foaming salt as a porogen additive. <i>Journal of Biomedical Materials Research Part B</i> , <b>2000</b> , 53, 1-7		447
120	Biodegradable polymeric microcellular foams by modified thermally induced phase separation method. <i>Biomaterials</i> , <b>1999</b> , 20, 1783-90	15.6	336
119	Biologically templated photocatalytic nanostructures for sustained light-driven water oxidation. <i>Nature Nanotechnology</i> , <b>2010</b> , 5, 340-4	28.7	202
118	Virus-directed design of a flexible BaTiO <sub>3</sub> nanogenerator. <i>ACS Nano</i> , <b>2013</b> , 7, 11016-25	16.7	187
117	Virus-templated assembly of porphyrins into light-harvesting nanoantennae. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 1462-3	16.4	166
116	A new preparation method for protein loaded poly(D, L-lactic-co-glycolic acid) microspheres and protein release mechanism study. <i>Journal of Controlled Release</i> , <b>1998</b> , 55, 181-91	11.7	151
115	Polydopamine microfluidic system toward a two-dimensional, gravity-driven mixing device. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 6126-30	16.4	115
114	New micelle-like polymer aggregates made from PEI-PLGA diblock copolymers: micellar characteristics and cellular uptake. <i>Biomaterials</i> , <b>2003</b> , 24, 2053-9	15.6	107
113	Virus-templated Au and Au/Pt Core/shell Nanowires and Their Electrocatalytic Activities for Fuel Cell Applications. <i>Energy and Environmental Science</i> , <b>2012</b> , 5, 8328-8334	35.4	101
112	Silver-Polydopamine Hybrid Coatings of Electrospun Poly(vinyl alcohol) Nanofibers. <i>Macromolecular Materials and Engineering</i> , <b>2013</b> , 298, 547-554	3.9	96
111	Functional nanostructures for effective delivery of small interfering RNA therapeutics. <i>Theranostics</i> , <b>2014</b> , 4, 1211-32	12.1	86
110	Optically traceable solid lipid nanoparticles loaded with siRNA and paclitaxel for synergistic chemotherapy with in situ imaging. <i>Advanced Healthcare Materials</i> , <b>2013</b> , 2, 576-84	10.1	80
109	Surface immobilization of galactose onto aliphatic biodegradable polymers for hepatocyte culture. <i>Biotechnology and Bioengineering</i> , <b>2002</b> , 78, 1-10	4.9	76
108	Adhesion behaviours of hepatocytes cultured onto biodegradable polymer surface modified by alkali hydrolysis process. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>1999</b> , 10, 1145-58	3.5	70
107	Fabrication of a micro-omnifluidic device by omniphilic/omniphobic patterning on nanostructured surfaces. <i>ACS Nano</i> , <b>2014</b> , 8, 9016-24	16.7	68
106	Preparation and characterization of coenzyme Q10-loaded PMMA nanoparticles by a new emulsification process based on microfluidization. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2002</b> , 210, 95-104	5.1	61

105	Bioinspired templating synthesis of metal-polymer hybrid nanostructures within 3D electrospun nanofibers. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 6381-90	9.5	60
104	Conjugation of drug to poly(D,L-lactic-co-glycolic acid) for controlled release from biodegradable microspheres. <i>Journal of Controlled Release</i> , <b>1999</b> , 57, 269-80	11.7	53
103	Small-interfering RNA (siRNA)-based functional micro- and nanostructures for efficient and selective gene silencing. <i>Accounts of Chemical Research</i> , <b>2012</b> , 45, 1014-25	24.3	51
102	Enhanced Photocatalytic Activity using Layer-by-Layer Electrospun Constructs for Water Remediation. <i>Advanced Functional Materials</i> , <b>2010</b> , 20, 2424-2429	15.6	49
101	Dendrimeric siRNA for Efficient Gene Silencing. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 6740-4	16.4	48
100	Tocopheryl acetate nanoemulsions stabilized with lipid-polymer hybrid emulsifiers for effective skin delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2012</b> , 94, 51-7	6	46
99	Self-Assembly of Metalloporphyrins into Light-Harvesting Peptide Nanofiber Hydrogels for Solar Water Oxidation. <i>Small</i> , <b>2014</b> , 10, 1272-1277	11	45
98	Virus-templated iridium oxide-gold hybrid nanowires for electrochromic application. <i>Nanoscale</i> , <b>2012</b> , 4, 3405-9	7.7	45
97	Plasmonically-assisted nanoarchitectures for solar water splitting: Obstacles and breakthroughs. <i>Nano Today</i> , <b>2017</b> , 16, 61-81	17.9	44
96	Protein-resistant, reductively dissociable polyplexes for in vivo systemic delivery and tumor-targeting of siRNA. <i>Biomaterials</i> , <b>2013</b> , 34, 2370-9	15.6	43
95	Intracellular delivery of paclitaxel using oil-free, shell cross-linked HSA--multi-armed PEG nanocapsules. <i>Biomaterials</i> , <b>2011</b> , 32, 8635-44	15.6	42
94	Genetically Programmed Clusters of Gold Nanoparticles for Cancer Cell-Targeted Photothermal Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 22578-86	9.5	41
93	Reductively Dissociable siRNA-Polymer Hybrid Nanogels for Efficient Targeted Gene Silencing. <i>Advanced Functional Materials</i> , <b>2013</b> , 23, 316-322	15.6	40
92	Spontaneous linker-free binding of polyoxometalates on nitrogen-doped carbon nanotubes for efficient water oxidation. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 1941-1947	13	39
91	ROS-induced biodegradable polythioketal nanoparticles for intracellular delivery of anti-cancer therapeutics. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2015</b> , 21, 1137-1142	6.3	38
90	Microcapsules Containing pH-Responsive, Fluorescent Polymer-Integrated MoS: An Effective Platform for in Situ pH Sensing and Photothermal Heating. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 9023-9031	9.5	38
89	Stabilized calcium phosphate nano-aggregates using a dopa-chitosan conjugate for gene delivery. <i>International Journal of Pharmaceutics</i> , <b>2013</b> , 445, 196-202	6.5	38
88	Bioinspired Design of an Immobilization Interface for Highly Stable, Recyclable Nanosized Catalysts. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 14415-22	9.5	37

87	Lysozyme microencapsulation within biodegradable PLGA microspheres: urea effect on protein release and stability. <i>Biotechnology and Bioengineering</i> , <b>2000</b> , 70, 270-7	4.9	35
86	Nanosized emulsions stabilized by semisolid polymer interphase. <i>Langmuir</i> , <b>2010</b> , 26, 13038-43	4	34
85	Cell-repellant dextran coatings of porous titania using mussel adhesion chemistry. <i>Macromolecular Bioscience</i> , <b>2013</b> , 13, 1511-9	5.5	33
84	Prolonged gene silencing by siRNA/chitosan-g-deoxycholic acid polyplexes loaded within biodegradable polymer nanoparticles. <i>Journal of Controlled Release</i> , <b>2012</b> , 162, 407-13	11.7	30
83	Highly luminescent, off-stoichiometric CuInS <sub>2</sub> /ZnS quantum dots for near-infrared fluorescence bio-imaging. <i>RSC Advances</i> , <b>2015</b> , 5, 43449-43455	3.7	29
82	Crystalline IrO <sub>2</sub> -decorated TiO <sub>2</sub> nanofiber scaffolds for robust and sustainable solar water oxidation. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 5610	13	27
81	Mussel-inspired modification of dextran for protein-resistant coatings of titanium oxide. <i>Carbohydrate Polymers</i> , <b>2013</b> , 97, 753-7	10.3	27
80	Intracellular drug delivery using poly(D,L-lactide-co-glycolide) nano- particles derivatized with a peptide from a transcriptional activator protein of HIV-1. <i>Biotechnology Letters</i> , <b>2002</b> , 24, 2093-2098	3	27
79	Role of Ordered Ni Atoms in Li Layers for Li-Rich Layered Cathode Materials. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1700982	15.6	26
78	Protein loaded biodegradable microspheres based on PLGA-protein bioconjugates. <i>Journal of Microencapsulation</i> , <b>1999</b> , 16, 625-37	3.4	26
77	Synthesis of efficient near-infrared-emitting CuInS <sub>2</sub> /ZnS quantum dots by inhibiting cation-exchange for bio application. <i>RSC Advances</i> , <b>2017</b> , 7, 10675-10682	3.7	25
76	Bioinspired Synthesis of Mesoporous Gold-silica Hybrid Microspheres as Recyclable Colloidal SERS Substrates. <i>Scientific Reports</i> , <b>2017</b> , 7, 14728	4.9	25
75	In situ functionalization of highly porous polymer microspheres with silver nanoparticles via bio-inspired chemistry. <i>RSC Advances</i> , <b>2014</b> , 4, 55604-55609	3.7	24
74	Layer-by-layer siRNA/poly(L-lysine) Multilayers on Polydopamine-coated Surface for Efficient Cell Adhesion and Gene Silencing. <i>Scientific Reports</i> , <b>2018</b> , 8, 7738	4.9	24
73	Protein release microparticles based on the blend of poly(D,L-lactic-co-glycolic acid) and oligo-ethylene glycol grafted poly(L-lactide). <i>Journal of Controlled Release</i> , <b>2001</b> , 76, 275-84	11.7	22
72	Human three-dimensional in vitro model of hepatic zonation to predict zonal hepatotoxicity. <i>Journal of Biological Engineering</i> , <b>2019</b> , 13, 22	6.3	21
71	Controlling surface defects of non-stoichiometric copper-indium-sulfide quantum dots. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 460, 173-80	9.3	21
70	Radio-opaque theranostic nanoemulsions with synergistic anti-cancer activity of paclitaxel and Bcl-2 siRNA. <i>RSC Advances</i> , <b>2013</b> , 3, 14642	3.7	21

69	Low-density lipoprotein-mimicking nanoparticles for tumor-targeted theranostic applications. <i>Small</i> , <b>2015</b> , 11, 222-31	11	20
68	Multilayered Plasmonic Heterostructure of Gold and Titania Nanoparticles for Solar Fuel Production. <i>Scientific Reports</i> , <b>2018</b> , 8, 10464	4.9	19
67	Serum-stable quantum dot-protein hybrid nanocapsules for optical bio-imaging. <i>Nanotechnology</i> , <b>2014</b> , 25, 175702	3.4	19
66	Tannin-Titanium Oxide Multilayer as a Photochemically Suppressed Ultraviolet Filter. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 27344-27354	9.5	18
65	Photochemically Enhanced Selective Adsorption of Gold Ions on Tannin-Coated Porous Polymer Microspheres. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 21915-21925	9.5	17
64	Morphological Evolution of Gold Nanoparticles into Nanodendrites Using Catechol-Grafted Polymer Templates. <i>ACS Omega</i> , <b>2018</b> , 3, 6683-6691	3.9	17
63	Thermally controlled wettability of a nanoporous membrane grafted with catechol-tethered poly(N-isopropylacrylamide). <i>Chemical Communications</i> , <b>2012</b> , 48, 9227-9	5.8	16
62	Characterization, stability, and pharmacokinetics of sibutramine/ $\beta$ -cyclodextrin inclusion complex. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2012</b> , 18, 1412-1417	6.3	15
61	On-surface synthesis of metal nanostructures on solid and hydrated polymer nanofibers coated with polydopamine. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2015</b> , 30, 220-224	6.3	14
60	Low-power and low-drug-dose photodynamic chemotherapy via the breakdown of tumor-targeted micelles by reactive oxygen species. <i>Journal of Controlled Release</i> , <b>2018</b> , 286, 240-253	11.7	14
59	Multiscale structural analysis of mouse lingual myoarchitecture employing diffusion spectrum magnetic resonance imaging and multiphoton microscopy. <i>Journal of Biomedical Optics</i> , <b>2008</b> , 13, 064003-5	3.5	14
58	Template Dissolution Interfacial Patterning of Single Colloids for Nanoelectrochemistry and Nanosensing. <i>ACS Nano</i> , <b>2020</b> ,	16.7	13
57	Virus-Templated Self-Mineralization of Ligand-Free Colloidal Palladium Nanostructures for High Surface Activity and Stability. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1703262	15.6	12
56	Flame-retardant, flexible vermiculite/polymer hybrid film. <i>RSC Advances</i> , <b>2015</b> , 5, 61768-61774	3.7	12
55	A ruthenium-based plasmonic hybrid photocatalyst for aqueous carbon dioxide conversion with a high reaction rate and selectivity. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 17254-17260	13	12
54	Cancer-targeted reactive oxygen species-degradable polymer nanoparticles for near infrared light-induced drug release. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 7737-7749	7.3	12
53	Nitrogen-Dopant-Induced Organic/Inorganic Hybrid Perovskite Crystal Growth on Carbon Nanotubes. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1902489	15.6	11
52	Integrated one- and two-photon imaging platform reveals clonal expansion as a major driver of mutation load. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 10314-9	11.5	11

51	Determination of zeta potentials of polymeric nanoparticles by the conductivity variation method. <i>Journal of Colloid and Interface Science</i> , <b>2002</b> , 255, 352-5	9.3	11
50	Protein-quantum dot nanohybrids for bioanalytical applications. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , <b>2016</b> , 8, 178-90	9.2	10
49	Subnanomolar FRET-Based DNA Assay Using Thermally Stable Phosphorothioated DNA-Functionalized Quantum Dots. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 33525-33534	9.5	10
48	Dendrimeric siRNA for Efficient Gene Silencing. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 6844-6848	3.6	10
47	Direct Z-Scheme Tannin@TiO <sub>2</sub> Heterostructure for Photocatalytic Gold Ion Recovery from Electronic Waste. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 7359-7370	8.3	10
46	Vitamin A microencapsulation within poly(methyl methacrylate)-g-polyethylenimine microspheres: Localized proton buffering effect on vitamin A stability. <i>Journal of Applied Polymer Science</i> , <b>2004</b> , 92, 517-522	2.9	10
45	Chemical immobilization of retinoic acid within poly( $\epsilon$ -caprolactone) nanoparticles based on drug-polymer bioconjugates. <i>Journal of Applied Polymer Science</i> , <b>2003</b> , 89, 1631-1637	2.9	10
44	Color-spectrum-broadened ductile cellulose films for vapor-pH-responsive colorimetric sensors. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2019</b> , 80, 590-596	6.3	9
43	Polyglycerolated nanocarriers with increased ligand multivalency for enhanced in vivo therapeutic efficacy of paclitaxel. <i>Biomaterials</i> , <b>2017</b> , 145, 223-232	15.6	9
42	Cationic lipid binding control in DNA based biopolymer and its impacts on optical and thermo-optic properties of thin solid films. <i>Optical Materials Express</i> , <b>2017</b> , 7, 3796	2.6	9
41	Silicone oil emulsions stabilized by semi-solid nanostructures entrapped at the interface. <i>Journal of Colloid and Interface Science</i> , <b>2010</b> , 351, 102-7	9.3	9
40	Short DNA-catalyzed formation of quantum dot-DNA hydrogel for enzyme-free femtomolar specific DNA assay. <i>Biosensors and Bioelectronics</i> , <b>2021</b> , 182, 113110	11.8	9
39	DNA-mediated self-assembly of taste cells and neurons for taste signal transmission. <i>Biomaterials Science</i> , <b>2018</b> , 6, 3388-3396	7.4	9
38	DNA Lipoplex-Based Light-Harvesting Antennae. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1700212	15.6	8
37	Lipiodol nanoemulsions stabilized with polyglycerol-polycaprolactone block copolymers for theranostic applications. <i>Biomaterials Research</i> , <b>2017</b> , 21, 21	16.8	8
36	Tannin-mediated assembly of gold-titanium oxide hybrid nanoparticles for plasmonic photochemical applications. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2018</b> , 63, 420-425	6.3	8
35	Polyglycerol-poly( $\epsilon$ -caprolactone) block copolymer as a new semi-solid polymeric emulsifier to stabilize O/W nanoemulsions. <i>Colloid and Polymer Science</i> , <b>2015</b> , 293, 2949-2956	2.4	7
34	Plasmonic Heterostructure Functionalized with a Carbene-Linked Molecular Catalyst for Sustainable and Selective Carbon Dioxide Reduction. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 33817-33826	9.5	7

33	Hydrogel Skin-Covered Neurons Self-Assembled with Gustatory Cells for Selective Taste Stimulation. <i>ACS Omega</i> , <b>2019</b> , 4, 12393-12401	3.9	7
32	Flexible Fibrous Piezoelectric Sensors on Printed Silver Electrodes. <i>IEEE Nanotechnology Magazine</i> , <b>2014</b> , 13, 709-713	2.6	7
31	Genomic and proteomic analyses of 1,3-dinitrobenzene-induced testicular toxicity in Sprague-Dawley rats. <i>Reproductive Toxicology</i> , <b>2014</b> , 43, 45-55	3.4	7
30	Quantitative morphometric measurements using site selective image cytometry of intact tissue. <i>Journal of the Royal Society Interface</i> , <b>2009</b> , 6 Suppl 1, S45-57	4.1	7
29	Stimuli-Responsive Neuronal Networking via Removable Alginate Masks. <i>Advanced Biology</i> , <b>2018</b> , 2, 1800030	3.0	7
28	Elution dynamics of M13 bacteriophage bound to streptavidin immobilized in a microfluidic channel. <i>Biochip Journal</i> , <b>2016</b> , 10, 48-55	4	6
27	Fabrication and stabilization of nanoscale emulsions by formation of a thin polymer membrane at the oil/water interface. <i>RSC Advances</i> , <b>2015</b> , 5, 46276-46281	3.7	6
26	Gold Binding Peptide Identified from Microfluidic Biopanning: An Experimental and Molecular Dynamics Study. <i>Langmuir</i> , <b>2019</b> , 35, 522-528	4	6
25	Directed Nanoscale Self-Assembly of Natural Photosystems on Nitrogen-Doped Carbon Nanotubes for Solar-Energy Harvesting.. <i>ACS Applied Bio Materials</i> , <b>2019</b> , 2, 2109-2115	4.1	5
24	Spontaneous Registration of Sub-10 nm Features Based on Subzero Celsius Spin-Casting of Self-Assembling Building Blocks Directed by Chemically Encoded Surfaces. <i>ACS Nano</i> , <b>2018</b> , 12, 8224-8233	16.7	5
23	Small interfering RNA nunchucks with a hydrophobic linker for efficient intracellular delivery. <i>Macromolecular Bioscience</i> , <b>2014</b> , 14, 195-201	5.5	5
22	Reducible Dimeric Conjugates of Small Internally Segment Interfering RNA for Efficient Gene Silencing. <i>Macromolecular Bioscience</i> , <b>2016</b> , 16, 1442-1449	5.5	5
21	Gold/Titanium Dioxide Half-Dome Heterostructures for Plasmonic Hydrogen Evolution. <i>ACS Applied Energy Materials</i> , <b>2018</b> ,	6.1	5
20	Stable nanoemulsions prepared via interfacial solidification of amphiphilic polyether-polyester block copolymers. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 443, 197-205	9.3	4
19	Development of fluorescence-conjugated islet-homing peptide using biopanning for targeted optical imaging of pancreatic islet. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2017</b> , 45, 404-411	6.3	4
18	Light-activated polydopamine coatings for efficient metal recovery from electronic waste. <i>Separation and Purification Technology</i> , <b>2021</b> , 254, 117674	8.3	4
17	Thin-Layered Cobalt-Based Catalysts on Stainless-Steel Microfibers for the Efficient Electrolysis of Water. <i>ChemCatChem</i> , <b>2017</b> , 9, 3814-3820	5.2	3
16	Image Cytometric Analysis of Algal Spores for Evaluation of Antifouling Activities of Biocidal Agents. <i>Scientific Reports</i> , <b>2017</b> , 7, 6908	4.9	3

15	Self-assembled, pH-sensitive retinoate nanostructures ionically complexed with PEG-grafted cationic polyelectrolytes. <i>Colloid and Polymer Science</i> , <b>2012</b> , 290, 839-845	2.4	3
14	Robust Biocatalysts Displayed on Crystalline Protein-Layered Cells for Efficient and Sustainable Hydration of Carbon Dioxide. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2102497	15.6	3
13	Temperature-responsive Hydrogels Synthesized from Photo-Polymerizable Poloxamer Macromers for Topical Skin Moisturizing. <i>Bulletin of the Korean Chemical Society</i> , <b>2016</b> , 37, 1331-1336	1.2	3
12	Paclitaxel-induced formation of 3D nanocrystal superlattices within injectable protein-based hybrid nanoparticles. <i>Chemical Communications</i> , <b>2018</b> , 54, 11586-11589	5.8	3
11	Tailored layer-by-layer deposition of silica reinforced polyelectrolyte layers on polymer microcapsules for enhanced antioxidant cargo retention. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2018</b> , 58, 80-86	6.3	2
10	Imaging: Low-Density Lipoprotein-Mimicking Nanoparticles for Tumor-Targeted Theranostic Applications (Small 2/2015). <i>Small</i> , <b>2015</b> , 11, 146-146	11	2
9	Protein-induced metamorphosis of unilamellar lipid vesicles to multilamellar hybrid vesicles. <i>Journal of Controlled Release</i> , <b>2021</b> , 331, 187-197	11.7	2
8	Importance of crystallinity of anchoring block of semi-solid amphiphilic triblock copolymers in stabilization of silicone nanoemulsions. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 503, 39-46	9.3	1
7	Plastic-free silica-titania-polyphenol heterojunction hybrids for efficient UV-to-blue light blocking and suppressed photochemical reactivity. <i>Chemical Engineering Journal</i> , <b>2021</b> , 431, 133790	14.7	1
6	Interstitial polydopamine layer stabilizing catalysts/electrode interface for sustainable water oxidation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 614, 126121	5.1	1
5	Metal-polyphenol Complexes as Versatile Building Blocks for Functional Biomaterials. <i>Biotechnology and Bioprocess Engineering</i> , <b>2021</b> , 26, 689-707	3.1	0
4	Artificial Taste Buds: Bioorthogonally Ligated Gustatory-Neuronal Multicellular Hybrids Enabling Intercellular Taste Signal Transmission. <i>ACS Biomaterials Science and Engineering</i> , <b>2021</b> , 7, 3783-3792	5.5	0
3	Conjugation-Free Multilamellar Protein-Lipid Hybrid Vesicles for Multifaceted Immune Responses. <i>Advanced Healthcare Materials</i> , <b>2021</b> , 10, e2101239	10.1	0
2	Flexible Fibrous Piezo-Electric Sensor on Printed Silver Electrode. <i>Materials Research Society Symposia Proceedings</i> , <b>2014</b> , 1685, 64		
1	Plasmon-modulated fluorescence nanoprobe for enzyme-free DNA detection via target signal enhancement and off-target quenching. <i>Biosensors and Bioelectronics</i> , <b>2022</b> , 210, 114288	11.8	