

# Kee Woei Ng

## List of Publications by Year in descending order

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133  
papers

8,460  
citations

46918

47  
h-index

46693

89  
g-index

137  
all docs

137  
docs citations

137  
times ranked

12646  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical properties and cell cultural response of polycaprolactone scaffolds designed and fabricated via fused deposition modeling. <i>Journal of Biomedical Materials Research Part B</i> , 2001, 55, 203-216.	3.0	1,220
2	Photocrosslinkable Gelatin Hydrogel for Epidermal Tissue Engineering. <i>Advanced Healthcare Materials</i> , 2016, 5, 108-118.	3.9	595
3	Titanium dioxide nanomaterials cause endothelial cell leakiness by disrupting the homophilic interaction of VE-cadherin. <i>Nature Communications</i> , 2013, 4, 1673.	5.8	401
4	The Human Intermediate Filament Database: comprehensive information on a gene family involved in many human diseases. <i>Human Mutation</i> , 2008, 29, 351-360.	1.1	309
5	Cytotoxicity of hydroxyapatite nanoparticles is shape and cell dependent. <i>Archives of Toxicology</i> , 2013, 87, 1037-1052.	1.9	215
6	The role of the tumor suppressor p53 pathway in the cellular DNA damage response to zinc oxide nanoparticles. <i>Biomaterials</i> , 2011, 32, 8218-8225.	5.7	185
7	Evaluation of Ultra-Thin Poly( $\mu$ -Caprolactone) Films for Tissue-Engineered Skin. <i>Tissue Engineering</i> , 2001, 7, 441-455.	4.9	172
8	Evaluation of the cytotoxic and inflammatory potential of differentially shaped zinc oxide nanoparticles. <i>Archives of Toxicology</i> , 2011, 85, 1517-1528.	1.9	171
9	In vitro characterization of natural and synthetic dermal matrices cultured with human dermal fibroblasts. <i>Biomaterials</i> , 2004, 25, 2807-2818.	5.7	162
10	Toxicity of zinc oxide (ZnO) nanoparticles on human bronchial epithelial cells (BEAS-2B) is accentuated by oxidative stress. <i>Food and Chemical Toxicology</i> , 2010, 48, 1762-1766.	1.8	162
11	Integrated Hollow Mesoporous Silica Nanoparticles for Target Drug/siRNA Co-Delivery. <i>Chemistry - A European Journal</i> , 2013, 19, 15593-15603.	1.7	160
12	The Challenge to Measure Cell Proliferation in Two and Three Dimensions. <i>Tissue Engineering</i> , 2005, 11, 182-191.	4.9	152
13	Micropatterned matrix directs differentiation of human mesenchymal stem cells towards myocardial lineage. <i>Experimental Cell Research</i> , 2010, 316, 1159-1168.	1.2	148
14	Reducing Intestinal Digestion and Absorption of Fat Using a Nature-Derived Biopolymer: Interference of Triglyceride Hydrolysis by Nanocellulose. <i>ACS Nano</i> , 2018, 12, 6469-6479.	7.3	148
15	Graphene oxide wrapped gold nanoparticles for intracellular Raman imaging and drug delivery. <i>Journal of Materials Chemistry B</i> , 2013, 1, 6495.	2.9	139
16	Silk fibroin-keratin based 3D scaffolds as a dermal substitute for skin tissue engineering. <i>Integrative Biology (United Kingdom)</i> , 2015, 7, 53-63.	0.6	139
17	Biophysical Responses upon the Interaction of Nanomaterials with Cellular Interfaces. <i>Accounts of Chemical Research</i> , 2013, 46, 782-791.	7.6	125
18	Size influences the cytotoxicity of poly (lactic-co-glycolic acid) (PLGA) and titanium dioxide (TiO <sub>2</sub> ) nanoparticles. <i>Archives of Toxicology</i> , 2013, 87, 1075-1086.	1.9	121

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19	Human keratin hydrogels support fibroblast attachment and proliferation in vitro. <i>Cell and Tissue Research</i> , 2012, 347, 795-802.	1.5	116
20	Reduced contraction of skin equivalent engineered using cell sheets cultured in 3D matrices. <i>Biomaterials</i> , 2006, 27, 4591-4598.	5.7	97
21	Exposure to Titanium Dioxide Nanoparticles Induces Autophagy in Primary Human Keratinocytes. <i>Small</i> , 2013, 9, 387-392.	5.2	97
22	Culturing Fibroblasts in 3D Human Hair Keratin Hydrogels. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 5187-5198.	4.0	96
23	Toxicological effects of ingested nanocellulose in <i>in vitro</i> intestinal epithelium and <i>in vivo</i> rat models. <i>Environmental Science: Nano</i> , 2019, 6, 2105-2115.	2.2	93
24	Size of TiO <sub>2</sub> nanoparticles influences their phototoxicity: an <i>in vitro</i> investigation. <i>Archives of Toxicology</i> , 2013, 87, 99-109.	1.9	87
25	Inhaled nanomaterials and the respiratory microbiome: clinical, immunological and toxicological perspectives. <i>Particle and Fibre Toxicology</i> , 2018, 15, 46.	2.8	84
26	Induction of Ectopic Bone Formation by Using Human Periosteal Cells in Combination with a Novel Scaffold Technology. <i>Cell Transplantation</i> , 2002, 11, 125-138.	1.2	82
27	Elastic cartilage engineering using novel scaffold architectures in combination with a biomimetic cell carrier. <i>Biomaterials</i> , 2003, 24, 4445-4458.	5.7	81
28	Probing the relevance of 3D cancer models in nanomedicine research. <i>Advanced Drug Delivery Reviews</i> , 2014, 79-80, 95-106.	6.6	80
29	Hydrodynamically Guided Hierarchical Self-Assembly of Peptide-Protein Bioinks. <i>Advanced Functional Materials</i> , 2018, 28, 1703716.	7.8	78
30	Cytotoxicity of zinc oxide (ZnO) nanoparticles is influenced by cell density and culture format. <i>Archives of Toxicology</i> , 2011, 85, 695-704.	1.9	74
31	Human Hair Keratin for Biocompatible Flexible and Transient Electronic Devices. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 43004-43012.	4.0	74
32	Poly( $\mu$ -caprolactone) films as a potential substrate for tissue engineering an epidermal equivalent. <i>Materials Science and Engineering C</i> , 2002, 20, 71-75.	3.8	70
33	Cytotoxic and genotoxic characterization of titanium dioxide, gadolinium oxide, and poly(lactic-co-glycolic acid) nanoparticles in human fibroblasts. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101A, 633-640.	2.1	68
34	Mesenchymal Stem Cell Secretome Improves Tendon Cell Viability In Vitro and Tendon-Bone Healing In Vivo When a Tissue Engineering Strategy Is Used in a Rat Model of Chronic Massive Rotator Cuff Tear. <i>American Journal of Sports Medicine</i> , 2018, 46, 449-459.	1.9	68
35	Healing of Chronic Wounds: An Update of Recent Developments and Future Possibilities. <i>Tissue Engineering - Part B: Reviews</i> , 2019, 25, 429-444.	2.5	63
36	Development of Biodegradable and Antimicrobial Electrospun Zein Fibers for Food Packaging. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 15354-15365.	3.2	63

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37	Composite Hydrogels in Three-Dimensional in vitro Models. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 611.	2.0	62
38	In vivo evaluation of an ultra-thin polycaprolactone film as a wound dressing. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2007, 18, 925-938.	1.9	61
39	Calcium phosphate coated Keratinâ€PCL scaffolds for potential bone tissue regeneration. <i>Materials Science and Engineering C</i> , 2015, 49, 746-753.	3.8	59
40	Enhancing Agrichemical Delivery and Seedling Development with Biodegradable, Tunable, Biopolymer-Based Nanofiber Seed Coatings. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 9537-9548.	3.2	59
41	Visible light crosslinkable human hair keratin hydrogels. <i>Bioengineering and Translational Medicine</i> , 2018, 3, 37-48.	3.9	57
42	In vitro assessment of cellular responses to rod-shaped hydroxyapatite nanoparticles of varying lengths and surface areas. <i>Nanotoxicology</i> , 2011, 5, 182-194.	1.6	55
43	Direct laser machining-induced topographic pattern promotes up-regulation of myogenic markers in human mesenchymal stem cells. <i>Acta Biomaterialia</i> , 2012, 8, 531-539.	4.1	55
44	Peptide-protein coassembling matrices as a biomimetic 3D model of ovarian cancer. <i>Science Advances</i> , 2020, 6, .	4.7	54
45	Cellular uptake of Poly(D,L-lactide-co-glycolide) (PLGA) nanoparticles synthesized through solvent emulsion evaporation and nanoprecipitation method. <i>Biotechnology Journal</i> , 2011, 6, 501-508.	1.8	52
46	Bio-inspired Micropatterned Platform to Steer Stem Cell Differentiation. <i>Small</i> , 2011, 7, 1416-1421.	5.2	52
47	Studies on the Proteome of Human Hair - Identification of Histones and Deamidated Keratins. <i>Scientific Reports</i> , 2018, 8, 1599.	1.6	52
48	Specific surface area of titanium dioxide (TiO <sub>2</sub> ) particles influences cyto- and photo-toxicity. <i>Toxicology</i> , 2013, 304, 132-140.	2.0	51
49	Human Mesenchymal Stem Cell Behaviour On Direct Laser Micropatterned Electrospun Scaffolds with Hierarchical Structures. <i>Macromolecular Bioscience</i> , 2013, 13, 299-310.	2.1	47
50	Increasing solvent polarity and addition of salts promote $\beta$ -phase poly(vinylidene fluoride) formation. <i>Journal of Applied Polymer Science</i> , 2013, 128, 2902-2910.	1.3	47
51	Early controlled release of peroxisome proliferator-activated receptor $\gamma$ agonist GW501516 improves diabetic wound healing through redox modulation of wound microenvironment. <i>Journal of Controlled Release</i> , 2015, 197, 138-147.	4.8	47
52	Electrospun human keratin matrices as templates for tissue regeneration. <i>Nanomedicine</i> , 2013, 8, 531-541.	1.7	46
53	Evaluating the Toxicity of Hydroxyapatite Nanoparticles in Catfish Cells and Zebrafish Embryos. <i>Small</i> , 2013, 9, 1734-1741.	5.2	46
54	Macroporous carbon from human hair: A journey towards the fabrication of high energy Li-ion capacitors. <i>Electrochimica Acta</i> , 2015, 182, 474-481.	2.6	46

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55	Osteogenic Differentiation of Murine Embryonic Stem Cells is Mediated by Fibroblast Growth Factor Receptors. <i>Stem Cells and Development</i> , 2007, 16, 305-318.	1.1	42
56	Insights into the Role of Focal Adhesion Modulation in Myogenic Differentiation of Human Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2013, 22, 136-147.	1.1	42
57	Pomegranate activates TFEB to promote autophagy-lysosomal fitness and mitophagy. <i>Scientific Reports</i> , 2019, 9, 727.	1.6	38
58	Fabrication and characterization of a novel crosslinked human keratin-alginate sponge. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 2590-2602.	1.3	37
59	Effects of hardness of steel on ceramic armour module against long rod impact. <i>International Journal of Impact Engineering</i> , 2017, 109, 419-426.	2.4	37
60	Occupational Inhalation Exposures to Nanoparticles at Six Singapore Printing Centers. <i>Environmental Science &amp; Technology</i> , 2020, 54, 2389-2400.	4.6	36
61	Enhancing Agrichemical Delivery and Plant Development with Biopolymer-Based Stimuli Responsive Core-Shell Nanostructures. <i>ACS Nano</i> , 2022, 16, 6034-6048.	7.3	35
62	$\hat{1}\pm$ - and $\hat{1}^2$ -Poly(Vinylidene Fluoride) Evoke Different Cellular Behaviours. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2011, 22, 1651-1667.	1.9	34
63	Reciprocal Response of Human Oral Epithelial Cells to Internalized Silica Nanoparticles. <i>Particle and Particle Systems Characterization</i> , 2013, 30, 784-793.	1.2	34
64	Preliminary study of a polycaprolactone membrane utilized as epidermal substrate. <i>Journal of Materials Science: Materials in Medicine</i> , 2003, 14, 113-120.	1.7	33
65	Understanding the Nano-topography Changes and Cellular Influences Resulting from the Surface Adsorption of Human Hair Keratins. <i>Advanced Healthcare Materials</i> , 2012, 1, 513-519.	3.9	33
66	Enhanced performance of chitosan/keratin membranes with potential application in peripheral nerve repair. <i>Biomaterials Science</i> , 2019, 7, 5451-5466.	2.6	33
67	Enzyme- and Relative Humidity-Responsive Antimicrobial Fibers for Active Food Packaging. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 50298-50308.	4.0	33
68	Evaluation of a tissue-engineered membrane-cell construct for guided bone regeneration. <i>International Journal of Oral and Maxillofacial Implants</i> , 2002, 17, 161-74.	0.6	32
69	Comparative cytotoxicity evaluation of lanthanide nanomaterials on mouse and human cell lines with metabolic and DNA-quantification assays. <i>Biointerphases</i> , 2010, 5, FA88-FA97.	0.6	31
70	Co-exposure to the food additives SiO <sub>2</sub> (E551) or TiO <sub>2</sub> (E171) and the pesticide boscalid increases cytotoxicity and bioavailability of the pesticide in a tri-culture small intestinal epithelium model: potential health implications. <i>Environmental Science: Nano</i> , 2019, 6, 2786-2800.	2.2	29
71	Manipulating Magnetic 3D Spheroids in Hanging Drops for Applications in Tissue Engineering and Drug Screening. <i>Advanced Healthcare Materials</i> , 2013, 2, 1430-1434.	3.9	28
72	Transformation of Nanomaterials and Its Implications in Gut Nanotoxicology. <i>Small</i> , 2020, 16, e2001246.	5.2	28

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73	Comparative differences in the behavior of TiO <sub>2</sub> and SiO <sub>2</sub> food additives in food ingredient solutions. <i>Journal of Nanoparticle Research</i> , 2018, 20, 1.	0.8	27
74	Assimilating cell sheets and hybrid scaffolds for dermal tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2005, 75A, 425-438.	2.1	25
75	Human keratinocytes adapt to ZnO nanoparticles induced toxicity via complex paracrine crosstalk and Nrf2-proteasomal signal transduction. <i>Nanotoxicology</i> , 2018, 12, 1215-1229.	1.6	25
76	Mechanical properties and cell cultural response of polycaprolactone scaffolds designed and fabricated via fused deposition modeling. <i>Journal of Biomedical Materials Research Part B</i> , 2001, 55, 203-216.	3.0	24
77	Emerging In Vitro Models for Safety Screening of High-Volume Production Nanomaterials under Environmentally Relevant Exposure Conditions. <i>Small</i> , 2013, 9, 1504-1520.	5.2	22
78	Modulating Mesenchymal Stem Cell Behavior Using Human Hair Keratin-Coated Surfaces. <i>Stem Cells International</i> , 2015, 2015, 1-9.	1.2	22
79	±-Phase poly(vinylidene fluoride) films encouraged more homogeneous cell distribution and more significant deposition of fibronectin towards the cell-material interface compared to ±-phase poly(vinylidene fluoride) films. <i>Materials Science and Engineering C</i> , 2014, 34, 345-353.	3.8	21
80	Integrated Transcriptomics, Metabolomics, and Lipidomics Profiling in Rat Lung, Blood, and Serum for Assessment of Laser Printer-Emitted Nanoparticle Inhalation Exposure-Induced Disease Risks. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6348.	1.8	20
81	Potent Design: Amino Acids Mimicking Porous Nanotherapeutics with Intrinsic Anticancer Targeting Properties. <i>Small</i> , 2020, 16, e2003757.	5.2	20
82	Liposomal Nanotherapy for Treatment of Atherosclerosis. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000465.	3.9	20
83	Engineered nanoparticles for the detection, treatment and prevention of atherosclerosis: how close are we?. <i>Drug Discovery Today</i> , 2017, 22, 1438-1446.	3.2	19
84	Physicochemical and Morphological Transformations of Chitosan Nanoparticles across the Gastrointestinal Tract and Cellular Toxicity in an In Vitro Model of the Small Intestinal Epithelium. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 358-368.	2.4	19
85	MDM4 downregulates p53 transcriptional activity and response to stress during differentiation. <i>Cell Cycle</i> , 2011, 10, 1100-1108.	1.3	18
86	Induction of ectopic bone formation by using human periosteal cells in combination with a novel scaffold technology. <i>Cell Transplantation</i> , 2002, 11, 125-38.	1.2	18
87	The protein corona determines the cytotoxicity of nanodiamonds: implications of corona formation and its remodelling on nanodiamond applications in biomedical imaging and drug delivery. <i>Nanoscale Advances</i> , 2020, 2, 4798-4812.	2.2	17
88	Liposome interaction with macrophages and foam cells for atherosclerosis treatment: effects of size, surface charge and lipid composition. <i>Nanotechnology</i> , 2021, 32, 505105.	1.3	17
89	Biomolecular interaction and kinematics differences between P25 and E171 TiO <sub>2</sub> nanoparticles. <i>NanoImpact</i> , 2018, 12, 51-57.	2.4	16
90	Bacteria Display Differential Growth and Adhesion Characteristics on Human Hair Shafts. <i>Frontiers in Microbiology</i> , 2018, 9, 2145.	1.5	16

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91	Synergistic Effect of PVDF-Coated PCL-TCP Scaffolds and Pulsed Electromagnetic Field on Osteogenesis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6438.	1.8	16
92	Cryogelation of Human Hair Keratins. <i>Macromolecular Rapid Communications</i> , 2020, 41, e2000254.	2.0	15
93	Inflammation Increases Susceptibility of Human Small Airway Epithelial Cells to Pneumonic Nanotoxicity. <i>Small</i> , 2020, 16, 2000963.	5.2	15
94	Characterization of Anisotropic Human Hair Keratin Scaffolds Fabricated via Directed Ice Templating. <i>Macromolecular Bioscience</i> , 2021, 21, e2000314.	2.1	15
95	High-Throughput Screening Platform for Nanoparticle-Mediated Alterations of DNA Repair Capacity. <i>ACS Nano</i> , 2021, 15, 4728-4746.	7.3	14
96	The Potential of Fluocinolone Acetonide to Mitigate Inflammation and Lipid Accumulation in 2D and 3D Foam Cell Cultures. <i>BioMed Research International</i> , 2018, 2018, 1-11.	0.9	13
97	Evaluating the antioxidant effects of human hair protein extracts. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018, 29, 1081-1093.	1.9	12
98	&lt;p&gt;Hydroxyapatite Particles Induced Modulation of Collagen Expression and Secretion in Primary Human Dermal Fibroblasts&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 4943-4956.	3.3	12
99	TiO2 nanoparticles alleviate toxicity by reducing free Zn2+ ion in human primary epidermal keratinocytes exposed to ZnO nanoparticles. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	11
100	Anti-inflammatory potential of simvastatin loaded nanoliposomes in 2D and 3D foam cell models. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 37, 102434.	1.7	11
101	Chronic upper airway and systemic inflammation from copier emitted particles in healthy operators at six Singaporean workplaces. <i>NanoImpact</i> , 2021, 22, 100325.	2.4	10
102	Fate, cytotoxicity and cellular metabolomic impact of ingested nanoscale carbon dots using simulated digestion and a triculture small intestinal epithelial model. <i>NanoImpact</i> , 2021, 23, 100349.	2.4	10
103	Keratin-Alginate Sponges Support Healing of Partial-Thickness Burns. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8594.	1.8	10
104	Nanotoxicology in the Skin: How Deep is the Issue?. <i>Nano LIFE</i> , 2014, 04, 1440004.	0.6	9
105	Cultivation of human dermal fibroblasts and epidermal keratinocytes on keratin-coated silica bead substrates. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 2789-2798.	2.1	9
106	Electrospun 3D multi-scale fibrous scaffold for enhanced human dermal fibroblast infiltration. <i>International Journal of Bioprinting</i> , 2016, 2, .	1.7	9
107	Sustainable Nutrient Substrates for Enhanced Seedling Development in Hydroponics. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 8506-8516.	3.2	9
108	Biological impact of nanodiamond particles – label free, high-resolution methods for nanotoxicity assessment. <i>Nanotoxicology</i> , 2019, 13, 1210-1226.	1.6	8



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109	Pilot deep RNA sequencing of worker blood samples from Singapore printing industry for occupational risk assessment. <i>NanoImpact</i> , 2020, 19, 100248.	2.4	8
110	The multi-facets of sustainable nanotechnology – Lessons from a nanosafety symposium. <i>Nanotoxicology</i> , 2015, 9, 404-406.	1.6	7
111	Design and <i>in vitro</i> release study of siRNA loaded Layer by Layer nanoparticles with sustained gene silencing effect. <i>Expert Opinion on Drug Delivery</i> , 2018, 15, 937-949.	2.4	7
112	Self-Assembly of Solubilized Human Hair Keratins. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 83-89.	2.6	7
113	Characterization of a novel bioactive poly[(lactic acid)-co-(glycolic acid)] and collagen hybrid matrix for dermal regeneration. <i>Polymer International</i> , 2005, 54, 1449-1457.	1.6	6
114	Identification of Antibacterial Components in Human Hair Shafts. <i>Acta Dermato-Venereologica</i> , 2018, 98, 708-710.	0.6	6
115	Understanding the implications of engineered nanoparticle induced autophagy in human epidermal keratinocytes <i>in vitro</i> . <i>NanoImpact</i> , 2019, 15, 100177.	2.4	6
116	Effects of ingested nanocellulose and nanochitosan materials on carbohydrate digestion and absorption in an <i>in vitro</i> small intestinal epithelium model. <i>Environmental Science: Nano</i> , 2021, 8, 2554-2568.	2.2	6
117	BiOClBr-coated fabrics with enhanced antimicrobial properties under ambient light. <i>Journal of Materials Chemistry B</i> , 2021, 9, 3079-3087.	2.9	6
118	Printer center nanoparticles alter the DNA repair capacity of human bronchial airway epithelial cells. <i>NanoImpact</i> , 2022, 25, 100379.	2.4	6
119	Association of nanoparticle exposure with serum metabolic disorders of healthy adults in printing centers. <i>Journal of Hazardous Materials</i> , 2022, 432, 128710.	6.5	6
120	TiO <sub>2</sub> -nanoparticles shield HPEKs against ZnO-induced genotoxicity. <i>Materials and Design</i> , 2015, 88, 41-50.	3.3	5
121	Ultrasonic Implantation and Imaging of Sound-Sensitive Theranostic Agents for the Treatment of Arterial Inflammation. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 24422-24430.	4.0	4
122	Anisotropic hair keratin-dopamine composite scaffolds exhibit strain-stiffening properties. <i>Journal of Biomedical Materials Research - Part A</i> , 2022, 110, 92-104.	2.1	4
123	An Enzymatic Method for Harvesting Functional Melanosomes after Keratin Extraction: Maximizing Resource Recovery from Human Hair. <i>Journal of Polymers and the Environment</i> , 2022, 30, 1045-1054.	2.4	4
124	Stem Cells: Microenvironment, Micro/Nanotechnology, and Application. <i>Stem Cells International</i> , 2015, 2015, 1-2.	1.2	3
125	Fluorescence techniques used to measure interactions between hydroxyapatite nanoparticles and epidermal growth factor receptors. <i>Biotechnology Journal</i> , 2015, 10, 171-179.	1.8	3
126	Development of a mechanically stable human hair keratin film for cell culture. <i>Materials Today Communications</i> , 2022, 30, 103049.	0.9	3



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127	Development of reconstructed intestinal micronucleus cytome (RICyt) assay in 3D human gut model for genotoxicity assessment of orally ingested substances. Archives of Toxicology, 2022, 96, 1455-1471.	1.9	3
128	Nanoparticle-assay marker interaction: effects on nanotoxicity assessment. Journal of Nanoparticle Research, 2015, 17, 1.	0.8	2
129	A high-throughput method to characterize the gut bacteria growth upon engineered nanomaterial treatment. Environmental Science: Nano, 2020, 7, 3155-3166.	2.2	2
130	Effects of Pulsed Electromagnetic Field Intensity on Mesenchymal Stem Cells. Bioelectricity, 2021, 3, 186-196.	0.6	2
131	Editorial: Composite and Functionalized Hydrogels: Implications for Improved and Biological Properties in Tissue Engineering. Frontiers in Bioengineering and Biotechnology, 2020, 8, 636575.	2.0	2
132	Mechanical properties and cell cultural response of polycaprolactone scaffolds designed and fabricated via fused deposition modeling. , 2001, 55, 203.		1
133	Facile and Efficient Enzymatic Methods for Harvesting or Removal of Cuticle Cells from Human Hair Shafts. Journal of Natural Fibers, 0, , 1-14.	1.7	0