

# Assistâ€™Prof Morteza Mahmoudi

## List of Publications by Year in descending order

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340  
papers

37,071  
citations

4370

86  
h-index

3394

183  
g-index

359  
all docs

359  
docs citations

359  
times ranked

45727  
citing authors

#	ARTICLE	IF	CITATIONS
1	Conformation- and phosphorylation-dependent electron tunnelling across self-assembled monolayers of tau peptides. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 2038-2050.	5.0	2
2	The need for improved methodology in protein corona analysis. <i>Nature Communications</i> , 2022, 13, 49.	5.8	43
3	In situ monitoring of photo-crosslinking reaction of water-soluble bifunctional macromers using magnetic levitation. <i>Analytica Chimica Acta</i> , 2022, 1195, 339369.	2.6	3
4	How bullying becomes a career tool. <i>Nature Human Behaviour</i> , 2022, 6, 475-475.	6.2	49
5	Disrupting targetsâ€™ dependency on bullies. <i>Science</i> , 2022, 375, 1239-1239.	6.0	4
6	Recent advances in nanoscale targeted therapy of HER2-positive breast cancer. <i>Journal of Drug Targeting</i> , 2022, 30, 687-708.	2.1	5
7	Development of functional hybrid scaffolds for wound healing applications. <i>IScience</i> , 2022, 25, 104019.	1.9	13
8	Mass Spectrometry, Structural Analysis, and Anti-Inflammatory Properties of Photo-Cross-Linked Human Albumin Hydrogels. <i>ACS Applied Bio Materials</i> , 2022, 5, 2643-2663.	2.3	8
9	Tissue engineered drug delivery vehicles: Methods to monitor and regulate the release behavior. <i>Journal of Controlled Release</i> , 2022, 349, 143-155.	4.8	14
10	A 3D Bioprinted in vitro Model of Neuroblastoma Recapitulates Dynamic Tumorâ€™Endothelial Cell Interactions Contributing to Solid Tumor Aggressive Behavior. <i>Advanced Science</i> , 2022, 9, .	5.6	15
11	Academic harassment: The need for interdependent actions of stakeholders. <i>EClinicalMedicine</i> , 2022, 49, 101481.	3.2	2
12	Emerging Biomolecular Testing to Assess the Risk of Mortality from COVID-19 Infection. <i>Molecular Pharmaceutics</i> , 2021, 18, 476-482.	2.3	19
13	Nanomedicine in Healing Chronic Wounds: Opportunities and Challenges. <i>Molecular Pharmaceutics</i> , 2021, 18, 550-575.	2.3	84
14	Magnetic Levitation Systems for Disease Diagnostics. <i>Trends in Biotechnology</i> , 2021, 39, 311-321.	4.9	31
15	Gender parity among the Altmetric Top 100 publications on COVID-19. <i>Future Science OA</i> , 2021, 7, FSO651.	0.9	1
16	Filling the Space: A Framework for Coordinated Global Actions To Diminish Academic Bullying. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3338-3344.	7.2	15
17	Filling the Space: A Framework for Coordinated Global Actions To Diminish Academic Bullying. <i>Angewandte Chemie</i> , 2021, 133, 3378-3384.	1.6	13
18	Implications of Biomolecular Corona for Molecular Imaging. <i>Molecular Imaging and Biology</i> , 2021, 23, 1-10.	1.3	3

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19	COVID-19 and Its Global Economic Impact. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1318, 825-837.	0.8	54
20	Protein corona profile of graphene oxide allows detection of glioblastoma multiforme using a simple one-dimensional gel electrophoresis technique: a proof-of-concept study. <i>Biomaterials Science</i> , 2021, 9, 4671-4678.	2.6	11
21	Optimal centrifugal isolating of liposome-protein complexes from human plasma. <i>Nanoscale Advances</i> , 2021, 3, 3824-3834.	2.2	12
22	Function of arteries and veins in conditions of simulated cardiac arrest. <i>BiolImpacts</i> , 2021, 11, 157-164.	0.7	5
23	3D Bioprinted Bacteriostatic Hyperelastic Bone Scaffold for Damage-Specific Bone Regeneration. <i>Polymers</i> , 2021, 13, 1099.	2.0	22
24	A missing, but essential, platform for multidisciplinary scientific discussion: understanding the "elephant". <i>Future Science OA</i> , 2021, 7, FSO666.	0.9	0
25	The File Drawer Problem in Nanomedicine. <i>Trends in Biotechnology</i> , 2021, 39, 425-427.	4.9	12
26	Special Focus Issue Part I: Functional nanomaterials in cancer therapy. <i>Nanomedicine</i> , 2021, 16, 879-882.	1.7	3
27	The Possible Role of Sex As an Important Factor in Development and Administration of Lipid Nanomedicine-Based COVID-19 Vaccine. <i>Molecular Pharmaceutics</i> , 2021, 18, 2448-2453.	2.3	11
28	Interdependency of influential parameters in therapeutic nanomedicine. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 1379-1394.	2.4	8
29	Sex as an important factor in nanomedicine. <i>Nature Communications</i> , 2021, 12, 2984.	5.8	47
30	Magnetic levitation: a physical tool to measure the density of unknown diamagnetic materials. <i>Physics Education</i> , 2021, 56, 055020.	0.3	6
31	Restoring Endogenous Repair Mechanisms to Heal Chronic Wounds with a Multifunctional Wound Dressing. <i>Molecular Pharmaceutics</i> , 2021, 18, 3171-3180.	2.3	17
32	The role of sex as a biological variable in the efficacy and toxicity of therapeutic nanomedicine. <i>Advanced Drug Delivery Reviews</i> , 2021, 174, 337-347.	6.6	21
33	Learn from the Nobel Prize Committee: Remove the nominee from the process. <i>BiolImpacts</i> , 2021, 11, 235-235.	0.7	0
34	Academic bullying: How to be an ally. <i>Science</i> , 2021, 373, 974-974.	6.0	9
35	Global, regional, and national progress towards Sustainable Development Goal 3.2 for neonatal and child health: all-cause and cause-specific mortality findings from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2021, 398, 870-905.	6.3	229
36	Nanotechnology for Targeted Detection and Removal of Bacteria: Opportunities and Challenges. <i>Advanced Science</i> , 2021, 8, e2100556.	5.6	38

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37	The need for robust characterization of nanomaterials for nanomedicine applications. Nature Communications, 2021, 12, 5246.	5.8	43
38	On the issue of transparency on the internal investigation of academic bullying. Biolmpacts, 2021, 12, 1-2.	0.7	0
39	STEM the bullying: An empirical investigation of abusive supervision in academic science. Eclinicalmedicine, 2021, 40, 101121.	3.2	33
40	Can the biomolecular corona induce an allergic reaction?â€”A proof-of-concept study. Biointerphases, 2021, 16, 011008.	0.6	5
41	Nanoscale characterization of the biomolecular corona by cryo-electron microscopy, cryo-electron tomography, and image simulation. Nature Communications, 2021, 12, 573.	5.8	61
42	Synergistic Analysis of Protein Corona and Haemoglobin Levels Detects Pancreatic Cancer. Cancers, 2021, 13, 93.	1.7	21
43	Global, regional, and national mortality among young people aged 10â€“24 years, 1950â€“2019: a systematic analysis for the Global Burden of Disease Study 2019. Lancet, The, 2021, 398, 1593-1618.	6.3	92
44	Abstract P392: The Effect Of Cell Sex On Magnetic Nanoparticle Uptake Of Human Induced Pluripotent Stem Cell-derived Cardiomyocytes. Circulation Research, 2021, 129, .	2.0	1
45	Abstract 109: The Effect Of Cell Sex On Cardiogenic Differentiation Of Human Induced Pluripotent Stem Cells And Their Maturation Processes. Circulation Research, 2021, 129, .	2.0	0
46	Ventricular arrhythmias in patients with immune checkpoint inhibitor myocarditis. European Heart Journal, 2021, 42, .	1.0	0
47	You Are a Target, Not a Victim. , 2021, , 1-11.		0
48	Mobbing in Academia. , 2021, , 45-59.		0
49	Possible Solutions to Academic Bullying in Higher Education. , 2021, , 77-95.		0
50	Magnetically Levitated Plasma Proteins. Analytical Chemistry, 2020, 92, 1663-1668.	3.2	27
51	A mechanistic explanation of the inhibitory role of the protein corona on liposomal gene expression. Biochimica Et Biophysica Acta - Biomembranes, 2020, 1862, 183159.	1.4	10
52	Global burden of 87 risk factors in 204 countries and territories, 1990â€“2019: a systematic analysis for the Global Burden of Disease Study 2019. Lancet, The, 2020, 396, 1223-1249.	6.3	3,928
53	Five insights from the Global Burden of Disease Study 2019. Lancet, The, 2020, 396, 1135-1159.	6.3	335
54	A protein corona sensor array detects breast and prostate cancers. Nanoscale, 2020, 12, 16697-16704.	2.8	17

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55	Biomolecular Corona Affects Controlled Release of Drug Payloads from Nanocarriers. Trends in Pharmacological Sciences, 2020, 41, 641-652.	4.0	38
56	COVID-19: Nanomedicine Uncovers Blood-Clot Mystery. Journal of Proteome Research, 2020, 19, 4364-4373.	1.8	11
57	A Healthier Peer Review Process Would Improve Diversity. ACS Applied Materials & Interfaces, 2020, 12, 40987-40989.	4.0	9
58	Measuring universal health coverage based on an index of effective coverage of health services in 204 countries and territories, 1990â€“2019: a systematic analysis for the Global Burden of Disease Study 2019. Lancet, The, 2020, 396, 1250-1284.	6.3	330
59	A survivorâ€™s guide to academic bullying. Nature Human Behaviour, 2020, 4, 1091-1091.	6.2	12
60	Ischemic cardiomyopathy. , 2020, , 1-8.		1
61	Atherosclerosis and thrombosis heart failure. , 2020, , 23-42.		0
62	Device-based treatment of heart failure. , 2020, , 43-46.		0
63	Clinical cardiovascular medicine and lessons learned from cancer nanotechnology. , 2020, , 187-195.		0
64	Effect of cell imprinting on viability and drug susceptibility of breast cancer cells to doxorubicin. Acta Biomaterialia, 2020, 113, 119-129.	4.1	13
65	Gut microbiota and cardiovascular disease: opportunities and challenges. Microbiome, 2020, 8, 36.	4.9	213
66	Evolving Magnetically Levitated Plasma Proteins Detects Opioid Use Disorder as a Model Disease. Advanced Healthcare Materials, 2020, 9, 1901608.	3.9	22
67	Mapping the heterogeneity of protein corona by <i>ex vivo</i> magnetic levitation. Nanoscale, 2020, 12, 2374-2383.	2.8	31
68	The clinical value of the delta finger to palm distance in systemic sclerosis. Reumatismo, 2020, 72, 44-51.	0.4	1
69	Impact of plasma concentration of transferrin on targeting capacity of nanoparticles. Nanoscale, 2020, 12, 4935-4944.	2.8	23
70	The urgent need for modification of scientific ranking indexes to facilitate scientific progress and diminish academic bullying. BiolImpacts, 2020, 10, 5-7.	0.7	9
71	The absence of legal remedies following academic bullying. BiolImpacts, 2020, 10, 63-64.	0.7	2
72	COVID-19 pandemic may fuel academic bullying. BiolImpacts, 2020, 10, 139-140.	0.7	9

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73	Immunoengineering in glioblastoma imaging and therapy. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2019, 11, e1575.	3.3	16
74	Biomaterial approaches for cardiovascular tissue engineering. Emergent Materials, 2019, 2, 193-207.	3.2	29
75	Interplay of protein corona and immune cells controls blood residency of liposomes. Nature Communications, 2019, 10, 3686.	5.8	160
76	In Vivo Tracking of Tissue Engineered Constructs. Micromachines, 2019, 10, 474.	1.4	32
77	Effect of molecular crowding on the biological identity of liposomes: an overlooked factor at the bio-nano interface. Nanoscale Advances, 2019, 1, 2518-2522.	2.2	17
78	Stretch-Induced Invasion: Stretch Induces Invasive Phenotypes in Breast Cells Due to Activation of Aerobic-Glycolysis-Related Pathways (Adv. Biosys. 7/2019). Advanced Biology, 2019, 3, 1970075.	3.0	1
79	Challenges in molecular diagnostic research in cancer nanotechnology. Nano Today, 2019, 27, 6-10.	6.2	45
80	Nanobiomaterial Advances in Cardiovascular Tissue Engineering. , 2019, , 79-106.		0
81	Effect of Cell Age on Uptake and Toxicity of Nanoparticles: The Overlooked Factor at the Nanobio Interface. ACS Applied Materials & Interfaces, 2019, 11, 39672-39687.	4.0	30
82	The need for a global committee on academic behaviour ethics. Lancet, The, 2019, 394, 1410.	6.3	7
83	Tie institutionsâ€™ reputations to their anti-bullying record. Nature, 2019, 572, 439-439.	13.7	9
84	Nanoscale Technologies for Prevention and Treatment of Heart Failure: Challenges and Opportunities. Chemical Reviews, 2019, 119, 11352-11390.	23.0	46
85	Metal-organic framework-derived metal oxide nanoparticles@reduced graphene oxide composites as cathode materials for rechargeable aluminium-ion batteries. Scientific Reports, 2019, 9, 13739.	1.6	28
86	Nanoparticles affect bacterial coloniesâ€™ optical diffraction patterns. Nanoscale, 2019, 11, 2594-2601.	2.8	6
87	Disease-specific protein corona sensor arrays may have disease detection capacity. Nanoscale Horizons, 2019, 4, 1063-1076.	4.1	68
88	Stretch Induces Invasive Phenotypes in Breast Cells Due to Activation of Aerobicâ€™Glycolysisâ€™Related Pathways. Advanced Biology, 2019, 3, e1800294.	3.0	5
89	Photothermal effects on protein adsorption dynamics of PEGylated gold nanorods. Applied Materials Today, 2019, 15, 599-604.	2.3	23
90	Exploitation of nanoparticle-protein interactions for early disease detection. Applied Physics Letters, 2019, 114, 163702.	1.5	25

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91	Laser irradiation affects the biological identity and cellular uptake of plasmonic nanoparticles. <i>Nanoscale</i> , 2019, 11, 5974-5981.	2.8	8
92	Impact of Gold Nanoparticles on Amyloid $\beta$ -Induced Alzheimer's Disease in a Rat Animal Model: Involvement of STIM Proteins. <i>ACS Chemical Neuroscience</i> , 2019, 10, 2299-2309.	1.7	74
93	Molecular interaction of fibrinogen with zeolite nanoparticles. <i>Scientific Reports</i> , 2019, 9, 1558.	1.6	21
94	Mechanistic Understanding of the Interactions between Nano-Objects with Different Surface Properties and $\beta$ -Synuclein. <i>ACS Nano</i> , 2019, 13, 3243-3256.	7.3	51
95	Representation of women among scientific Nobel Prize nominees. <i>Lancet, The</i> , 2019, 394, 1905-1906.	6.3	13
96	Nanomaterials for bone tissue regeneration: updates and future perspectives. <i>Nanomedicine</i> , 2019, 14, 2987-3006.	1.7	35
97	Effect of Glucose on Liposome-Plasma Protein Interactions: Relevance for the Physiological Response of Clinically Approved Liposomal Formulations. <i>Advanced Biology</i> , 2019, 3, e1800221.	3.0	11
98	Nanoparticle-biomolecular corona: A new approach for the early detection of non-small cell lung cancer. <i>Journal of Cellular Physiology</i> , 2019, 234, 9378-9386.	2.0	22
99	Academic bullies leave no trace. <i>BiolImpacts</i> , 2019, 9, 129-130.	0.7	23
100	Scarcity of lab positions in high-ranked institutions creates a breeding ground for bullies. <i>BiolImpacts</i> , 2019, 9, 251-251.	0.7	1
101	Antibody-Drug Conjugates: Possibilities and Challenges. <i>Avicenna Journal of Medical Biotechnology</i> , 2019, 11, 3-23.	0.2	83
102	Low, but not high, dose triptolide controls neuroinflammation and improves behavioral deficits in toxic model of multiple sclerosis by dampening of NF- $\kappa$ B activation and acceleration of intrinsic myelin repair. <i>Toxicology and Applied Pharmacology</i> , 2018, 342, 86-98.	1.3	31
103	Intracellular Mechanistic Understanding of 2D MoS <sub>2</sub> Nanosheets for Anti-Exocytosis-Enhanced Synergistic Cancer Therapy. <i>ACS Nano</i> , 2018, 12, 2922-2938.	7.3	188
104	A new strategy to design colorful ratiometric probes and its application to fluorescent detection of Hg(II). <i>Sensors and Actuators B: Chemical</i> , 2018, 259, 894-899.	4.0	50
105	Single nucleotide polymorphisms of the genes encoding IL-10 and TGF- $\beta$ 1 in Iranian children with atopic dermatitis. <i>Allergologia Et Immunopathologia</i> , 2018, 46, 155-159.	1.0	7
106	Future Perspective on the Smart Delivery of Biomolecules. From Biomaterials Towards Medical Devices, 2018, , 363-371.	0.0	2
107	Label-free detection of $\beta$ -amyloid peptides ( $A\beta$ <sub>40</sub> and $A\beta$ <sub>42</sub> ): a colorimetric sensor array for plasma monitoring of Alzheimer's disease. <i>Nanoscale</i> , 2018, 10, 6361-6368.	2.8	68
108	Debugging Nano-Bio Interfaces: Systematic Strategies to Accelerate Clinical Translation of Nanotechnologies. <i>Trends in Biotechnology</i> , 2018, 36, 755-769.	4.9	145

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109	Disease-related metabolites affect proteinâ€“nanoparticle interactions. <i>Nanoscale</i> , 2018, 10, 7108-7115.	2.8	61
110	Engineering of Mature Human Induced Pluripotent Stem Cellâ€“Derived Cardiomyocytes Using Substrates with Multiscale Topography. <i>Advanced Functional Materials</i> , 2018, 28, 1707378.	7.8	43
111	Effect of Cell Sex on Uptake of Nanoparticles: The Overlooked Factor at the Nanobio Interface. <i>ACS Nano</i> , 2018, 12, 2253-2266.	7.3	87
112	The Protein Corona around Nanoparticles Facilitates Stem Cell Labeling for Clinical MR Imaging. <i>Radiology</i> , 2018, 286, 938-947.	3.6	27
113	Association of killer cell immunoglobulin-like receptor (<i>KIR</i>) genes and their<i>HLA</i>ligands with susceptibility to Behâ€“etâ€“sâ€“ disease. <i>Scandinavian Journal of Rheumatology</i> , 2018, 47, 155-163.	0.6	11
114	Probing fibronectin conformation on a protein corona layer around nanoparticles. <i>Nanoscale</i> , 2018, 10, 1228-1233.	2.8	55
115	An engineered cell-imprinted substrate directs osteogenic differentiation in stem cells. <i>Biomaterials Science</i> , 2018, 6, 189-199.	2.6	38
116	Nanoparticles targeting extra domain B of fibronectin-specific to the atherosclerotic lesion types III, IV, and V-enhance plaque detection and cargo delivery. <i>Theranostics</i> , 2018, 8, 6008-6024.	4.6	19
117	Cardiovascular tissue bioprinting: Physical and chemical processes. <i>Applied Physics Reviews</i> , 2018, 5, 041106.	5.5	36
118	Cancer Theranostics: Twoâ€“Dimensional Antimoneneâ€“Based Photonic Nanomedicine for Cancer Theranostics ( <i>Adv. Mater.</i> 38/2018). <i>Advanced Materials</i> , 2018, 30, 1870283.	11.1	3
119	Improve reporting systems for academic bullying. <i>Nature</i> , 2018, 562, 494-494.	13.7	16
120	Restoration of tumour-growth suppression in vivo via systemic nanoparticle-mediated delivery of PTEN mRNA. <i>Nature Biomedical Engineering</i> , 2018, 2, 850-864.	11.6	214
121	Bare surface of gold nanoparticle induces inflammation through unfolding of plasma fibrinogen. <i>Scientific Reports</i> , 2018, 8, 12557.	1.6	43
122	Drug-Abuse Nanotechnology: Opportunities and Challenges. <i>ACS Chemical Neuroscience</i> , 2018, 9, 2288-2298.	1.7	7
123	Twoâ€“Dimensional Antimoneneâ€“Based Photonic Nanomedicine for Cancer Theranostics. <i>Advanced Materials</i> , 2018, 30, e1802061.	11.1	314
124	Cell shape affects nanoparticle uptake and toxicity: An overlooked factor at the nanobio interfaces. <i>Journal of Colloid and Interface Science</i> , 2018, 531, 245-252.	5.0	21
125	Brain Targeting by Liposomeâ€“Biomolecular Corona Boosts Anticancer Efficacy of Temozolomide in Glioblastoma Cells. <i>ACS Chemical Neuroscience</i> , 2018, 9, 3166-3174.	1.7	53
126	4D Printing of Actuating Cardiac Tissue. , 2018, , 153-162.		18



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127	Detection and Discrimination of Bacterial Colonies with Mueller Matrix Imaging. Scientific Reports, 2018, 8, 10815.	1.6	31
128	Flat Cell Culturing Surface May Cause Misinterpretation of Cellular Uptake of Nanoparticles. Advanced Biology, 2018, 2, 1800046.	3.0	7
129	Biomedical Applications: Engineering of Mature Human Induced Pluripotent Stem Cellâ€Derived Cardiomyocytes Using Substrates with Multiscale Topography (Adv. Funct. Mater. 19/2018). Advanced Functional Materials, 2018, 28, 1870128.	7.8	1
130	Antibody orientation determines corona mistargeting capability. Nature Nanotechnology, 2018, 13, 775-776.	15.6	35
131	Abstract 4642: Personalized cancer-specific protein corona affects the therapeutic impact of nanoparticles. Cancer Research, 2018, 78, 4642-4642.	0.4	6
132	Imaging cellular pharmacokinetics of 18F-FDG and 6-NBDG uptake by inflammatory and stem cells. PLoS ONE, 2018, 13, e0192662.	1.1	1
133	Engineering natural heart valves: possibilities and challenges. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 1675-1683.	1.3	20
134	In vivo protein corona patterns of lipid nanoparticles. RSC Advances, 2017, 7, 1137-1145.	1.7	59
135	Personalized protein corona on nanoparticles and its clinical implications. Biomaterials Science, 2017, 5, 378-387.	2.6	227
136	Revisiting structure-property relationship of pH-responsive polymers for drug delivery applications. Journal of Controlled Release, 2017, 253, 46-63.	4.8	231
137	Development of anti-CD47 single-chain variable fragment targeted magnetic nanoparticles for treatment of human bladder cancer. Nanomedicine, 2017, 12, 597-613.	1.7	17
138	Cancer immunotherapy: Wound-bound checkpoint blockade. Nature Biomedical Engineering, 2017, 1, .	11.6	15
139	Time-Resolved Visual Chiral Discrimination of Cysteine Using Unmodified CdTe Quantum Dots. Scientific Reports, 2017, 7, 890.	1.6	29
140	Synergistic antimicrobial therapy using nanoparticles and antibiotics for the treatment of multidrug-resistant bacterial infection. Nano Futures, 2017, 1, 015004.	1.0	75
141	Tumor Microenvironment-Responsive Multistaged Nanoplatform for Systemic RNAi and Cancer Therapy. Nano Letters, 2017, 17, 4427-4435.	4.5	119
142	Bioengineering cardiac constructs using 3D printing. Journal of 3D Printing in Medicine, 2017, 1, 123-139.	1.0	44
143	Editorial preface: A special issue on themes (i) Nano-energy / Environmental for a better Society and (iii) Nano-catalysis for Green technology. Materials Today: Proceedings, 2017, 4, 1-8.	0.9	1
144	Correlative Super-Resolution Microscopy: New Dimensions and New Opportunities. Chemical Reviews, 2017, 117, 7428-7456.	23.0	141

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145	M2000 ( <i>Î²</i> -Mannuronic Acid) as a Novel Antagonist for Blocking the TLR2 and TLR4 Downstream Signalling Pathway. Scandinavian Journal of Immunology, 2017, 85, 122-129.	1.3	28
146	Mechanistic understanding of in vivo protein corona formation on polymeric nanoparticles and impact on pharmacokinetics. Nature Communications, 2017, 8, 777.	5.8	507
147	Placenta-specific1 (PLAC1) is a potential target for antibody-drug conjugate-based prostate cancer immunotherapy. Scientific Reports, 2017, 7, 13373.	1.6	22
148	An apolipoprotein-enriched biomolecular corona switches the cellular uptake mechanism and trafficking pathway of lipid nanoparticles. Nanoscale, 2017, 9, 17254-17262.	2.8	73
149	Tumor-associated macrophages, nanomedicine and imaging: the axis of success in the future of cancer immunotherapy. Immunotherapy, 2017, 9, 819-835.	1.0	41
150	Nanomedicine for safe healing of bone trauma: Opportunities and challenges. Biomaterials, 2017, 146, 168-182.	5.7	57
151	Multiscale technologies for treatment of ischemic cardiomyopathy. Nature Nanotechnology, 2017, 12, 845-855.	15.6	104
152	Nanoparticle Surface Functionality Dictates Cellular and Systemic Toxicity. Chemistry of Materials, 2017, 29, 6578-6595.	3.2	99
153	Targeted Nanotherapeutics Encapsulating Liver X Receptor Agonist GW3965 Enhance Antiatherogenic Effects without Adverse Effects on Hepatic Lipid Metabolism in LDLr <sup>Δ</sup> Mice. Advanced Healthcare Materials, 2017, 6, 1700313.	3.9	63
154	Development of a Virtual Cell Model to Predict Cell Response to Substrate Topography. ACS Nano, 2017, 11, 9084-9092.	7.3	33
155	Cellular uptake of nanoparticles: journey inside the cell. Chemical Society Reviews, 2017, 46, 4218-4244.	18.7	1,709
156	Paracrine Effects of the Pluripotent Stem Cell-Derived Cardiac Myocytes Salvage the Injured Myocardium. Circulation Research, 2017, 121, e22-e36.	2.0	124
157	Promoter hypermethylation of BCL11B gene correlates with downregulation of gene transcription in ankylosing spondylitis patients. Genes and Immunity, 2017, 18, 170-175.	2.2	41
158	Sensing of Alzheimer's Disease and Multiple Sclerosis Using Nano-Bio Interfaces. Journal of Alzheimer's Disease, 2017, 59, 1187-1202.	1.2	38
159	Advances in Alzheimer's Disease Diagnosis and Therapy: The Implications of Nanotechnology. Trends in Biotechnology, 2017, 35, 937-953.	4.9	121
160	Biological Identity of Nanoparticles In Vivo : Clinical Implications of the Protein Corona. Trends in Biotechnology, 2017, 35, 257-264.	4.9	313
161	Restoration of tumor suppression in vivo by systemic delivery of chemically-modified PTEN mRNA nanoparticles.. Journal of Clinical Oncology, 2017, 35, 11582-11582.	0.8	3
162	Abstract 1231: Restoration of tumor suppression in vivo by systemic delivery of PTEN mRNA nanoparticles. , 2017, , .		0

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163	Molecular changes in obese and depressive patients are similar to neurodegenerative disorders. Iranian Journal of Neurology, 2017, 16, 192-200.	0.5	1
164	Bioinspired Nanotechnologies for Skin Regeneration. , 2016, , 337-352.		7
165	Protein corona: The golden gate to clinical applications of nanoparticles. International Journal of Biochemistry and Cell Biology, 2016, 75, 141-142.	1.2	25
166	Exploitation of nanoparticleâ€“protein corona for emerging therapeutic and diagnostic applications. Journal of Materials Chemistry B, 2016, 4, 4376-4381.	2.9	32
167	Cell-SELEX-based selection and characterization of a G-quadruplex DNA aptamer against mouse dendritic cells. International Immunopharmacology, 2016, 36, 324-332.	1.7	28
168	Regulation of Macrophage Recognition through the Interplay of Nanoparticle Surface Functionality and Protein Corona. ACS Nano, 2016, 10, 4421-4430.	7.3	264
169	Association of interleukin-2 and interferon-Î³ single nucleotide polymorphisms with Juvenile systemic lupus erythematosus. Allergologia Et Immunopathologia, 2016, 44, 422-426.	1.0	13
170	Iron oxide nanoparticles inhibit tumour growth by inducing pro-inflammatory macrophage polarization in tumour tissues. Nature Nanotechnology, 2016, 11, 986-994.	15.6	1,223
171	Bypassing Protein Corona Issue on Active Targeting: Zwitterionic Coatings Dictate Specific Interactions of Targeting Moieties and Cell Receptors. ACS Applied Materials & Interfaces, 2016, 8, 22808-22818.	4.0	92
172	Emerging understanding of the protein corona at the nano-bio interfaces. Nano Today, 2016, 11, 817-832.	6.2	205
173	Novel MRI Contrast Agent from Magnetotactic Bacteria Enables In Vivo Tracking of iPSC-derived Cardiomyocytes. Scientific Reports, 2016, 6, 26960.	1.6	33
174	Zeolite Nanoparticles Inhibit Al <sup>2+</sup> â€“Fibrinogen Interaction and Formation of a Consequent Abnormal Structural Clot. ACS Applied Materials & Interfaces, 2016, 8, 30768-30779.	4.0	47
175	Cell-Imprinted Substrates Modulate Differentiation, Redifferentiation, and Transdifferentiation. ACS Applied Materials & Interfaces, 2016, 8, 13777-13784.	4.0	52
176	Nanoparticles-cell association predicted by protein corona fingerprints. Nanoscale, 2016, 8, 12755-12763.	2.8	75
177	Synthesis and biomedical applications of aerogels: Possibilities and challenges. Advances in Colloid and Interface Science, 2016, 236, 1-27.	7.0	270
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