

## List of Publications by Year in descending order

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251  
papers

29,800  
citations

6254

80  
h-index

4991

167  
g-index

257  
all docs

257  
docs citations

257  
times ranked

37506  
citing authors

#	ARTICLE	IF	CITATIONS
1	The need for improved methodology in protein corona analysis. <i>Nature Communications</i> , 2022, 13, 49.	12.8	43
2	In situ monitoring of photo-crosslinking reaction of water-soluble bifunctional macromers using magnetic levitation. <i>Analytica Chimica Acta</i> , 2022, 1195, 339369.	5.4	3
3	Disrupting targets'™ dependency on bullies. <i>Science</i> , 2022, 375, 1239-1239.	12.6	4
4	Development of functional hybrid scaffolds for wound healing applications. <i>IScience</i> , 2022, 25, 104019.	4.1	13
5	Tissue engineered drug delivery vehicles: Methods to monitor and regulate the release behavior. <i>Journal of Controlled Release</i> , 2022, 349, 143-155.	9.9	14
6	Academic harassment: The need for interdependent actions of stakeholders. <i>EClinicalMedicine</i> , 2022, 49, 101481.	7.1	2
7	Emerging Biomolecular Testing to Assess the Risk of Mortality from COVID-19 Infection. <i>Molecular Pharmaceutics</i> , 2021, 18, 476-482.	4.6	19
8	Nanomedicine in Healing Chronic Wounds: Opportunities and Challenges. <i>Molecular Pharmaceutics</i> , 2021, 18, 550-575.	4.6	84
9	Magnetic Levitation Systems for Disease Diagnostics. <i>Trends in Biotechnology</i> , 2021, 39, 311-321.	9.3	31
10	Gender parity among the Altmetric Top 100 publications on COVID-19. <i>Future Science OA</i> , 2021, 7, FSO651.	1.9	1
11	Filling the Space: A Framework for Coordinated Global Actions To Diminish Academic Bullying. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3338-3344.	13.8	15
12	Filling the Space: A Framework for Coordinated Global Actions To Diminish Academic Bullying. <i>Angewandte Chemie</i> , 2021, 133, 3378-3384.	2.0	13
13	Implications of Biomolecular Corona for Molecular Imaging. <i>Molecular Imaging and Biology</i> , 2021, 23, 1-10.	2.6	3
14	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.	5.4	11
15	Optimal centrifugal isolating of liposome'™ protein complexes from human plasma. <i>Nanoscale Advances</i> , 2021, 3, 3824-3834.	4.6	12
16	Function of arteries and veins in conditions of simulated cardiac arrest. <i>BiolImpacts</i> , 2021, 11, 157-164.	1.5	5
17	3D Bioprinted Bacteriostatic Hyperelastic Bone Scaffold for Damage-Specific Bone Regeneration. <i>Polymers</i> , 2021, 13, 1099.	4.5	22
18	The File Drawer Problem in Nanomedicine. <i>Trends in Biotechnology</i> , 2021, 39, 425-427.	9.3	12

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19	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.	4.6	11
20	Interdependency of influential parameters in therapeutic nanomedicine. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 1379-1394.	5.0	8
21	Sex as an important factor in nanomedicine. <i>Nature Communications</i> , 2021, 12, 2984.	12.8	47
22	Magnetic levitation: a physical tool to measure the density of unknown diamagnetic materials. <i>Physics Education</i> , 2021, 56, 055020.	0.5	6
23	Restoring Endogenous Repair Mechanisms to Heal Chronic Wounds with a Multifunctional Wound Dressing. <i>Molecular Pharmaceutics</i> , 2021, 18, 3171-3180.	4.6	17
24	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.	13.7	21
25	Learn from the Nobel Prize Committee: Remove the nominee from the process. <i>BiolImpacts</i> , 2021, 11, 235-235.	1.5	0
26	Academic bullying: How to be an ally. <i>Science</i> , 2021, 373, 974-974.	12.6	9
27	Nanotechnology for Targeted Detection and Removal of Bacteria: Opportunities and Challenges. <i>Advanced Science</i> , 2021, 8, e2100556.	11.2	38
28	The need for robust characterization of nanomaterials for nanomedicine applications. <i>Nature Communications</i> , 2021, 12, 5246.	12.8	43
29	On the issue of transparency on the internal investigation of academic bullying. <i>BiolImpacts</i> , 2021, 12, 1-2.	1.5	0
30	STEM the bullying: An empirical investigation of abusive supervision in academic science. <i>EClinicalMedicine</i> , 2021, 40, 101121.	7.1	33
31	Can the biomolecular corona induce an allergic reaction?â€”A proof-of-concept study. <i>Biointerphases</i> , 2021, 16, 011008.	1.6	5
32	Nanoscale characterization of the biomolecular corona by cryo-electron microscopy, cryo-electron tomography, and image simulation. <i>Nature Communications</i> , 2021, 12, 573.	12.8	61
33	Synergistic Analysis of Protein Corona and Haemoglobin Levels Detects Pancreatic Cancer. <i>Cancers</i> , 2021, 13, 93.	3.7	21
34	Magnetically Levitated Plasma Proteins. <i>Analytical Chemistry</i> , 2020, 92, 1663-1668.	6.5	27
35	A mechanistic explanation of the inhibitory role of the protein corona on liposomal gene expression. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183159.	2.6	10
36	A protein corona sensor array detects breast and prostate cancers. <i>Nanoscale</i> , 2020, 12, 16697-16704.	5.6	17

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37	Biomolecular Corona Affects Controlled Release of Drug Payloads from Nanocarriers. Trends in Pharmacological Sciences, 2020, 41, 641-652.	8.7	38
38	COVID-19: Nanomedicine Uncovers Blood-Clot Mystery. Journal of Proteome Research, 2020, 19, 4364-4373.	3.7	11
39	A Healthier Peer Review Process Would Improve Diversity. ACS Applied Materials & Interfaces, 2020, 12, 40987-40989.	8.0	9
40	A survivor's guide to academic bullying. Nature Human Behaviour, 2020, 4, 1091-1091.	12.0	12
41	Ischemic cardiomyopathy. , 2020, , 1-8.		1
42	Atherosclerosis and thrombosis heart failure. , 2020, , 23-42.		0
43	Device-based treatment of heart failure. , 2020, , 43-46.		0
44	Clinical cardiovascular medicine and lessons learned from cancer nanotechnology. , 2020, , 187-195.		0
45	Effect of cell imprinting on viability and drug susceptibility of breast cancer cells to doxorubicin. Acta Biomaterialia, 2020, 113, 119-129.	8.3	13
46	Gut microbiota and cardiovascular disease: opportunities and challenges. Microbiome, 2020, 8, 36.	11.1	213
47	Evolving Magnetically Levitated Plasma Proteins Detects Opioid Use Disorder as a Model Disease. Advanced Healthcare Materials, 2020, 9, 1901608.	7.6	22
48	Mapping the heterogeneity of protein corona by <i>ex vivo</i> magnetic levitation. Nanoscale, 2020, 12, 2374-2383.	5.6	31
49	Impact of plasma concentration of transferrin on targeting capacity of nanoparticles. Nanoscale, 2020, 12, 4935-4944.	5.6	23
50	The urgent need for modification of scientific ranking indexes to facilitate scientific progress and diminish academic bullying. BiImpacts, 2020, 10, 5-7.	1.5	9
51	The absence of legal remedies following academic bullying. BiImpacts, 2020, 10, 63-64.	1.5	2
52	COVID-19 pandemic may fuel academic bullying. BiImpacts, 2020, 10, 139-140.	1.5	9
53	Immunoengineering in glioblastoma imaging and therapy. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2019, 11, e1575.	6.1	16
54	Biomaterial approaches for cardiovascular tissue engineering. Emergent Materials, 2019, 2, 193-207.	5.7	29

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55	Interplay of protein corona and immune cells controls blood residency of liposomes. <i>Nature Communications</i> , 2019, 10, 3686.	12.8	160
56	In Vivo Tracking of Tissue Engineered Constructs. <i>Micromachines</i> , 2019, 10, 474.	2.9	32
57	Effect of molecular crowding on the biological identity of liposomes: an overlooked factor at the bio-nano interface. <i>Nanoscale Advances</i> , 2019, 1, 2518-2522.	4.6	17
58	Challenges in molecular diagnostic research in cancer nanotechnology. <i>Nano Today</i> , 2019, 27, 6-10.	11.9	45
59	Nanobiomaterial Advances in Cardiovascular Tissue Engineering. , 2019, , 79-106.		0
60	Effect of Cell Age on Uptake and Toxicity of Nanoparticles: The Overlooked Factor at the Nanobio Interface. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 39672-39687.	8.0	30
61	The need for a global committee on academic behaviour ethics. <i>Lancet, The</i> , 2019, 394, 1410.	13.7	7
62	Tie institutions' reputations to their anti-bullying record. <i>Nature</i> , 2019, 572, 439-439.	27.8	9
63	Nanoscale Technologies for Prevention and Treatment of Heart Failure: Challenges and Opportunities. <i>Chemical Reviews</i> , 2019, 119, 11352-11390.	47.7	46
64	Nanoparticles affect bacterial colonies' optical diffraction patterns. <i>Nanoscale</i> , 2019, 11, 2594-2601.	5.6	6
65	Disease-specific protein corona sensor arrays may have disease detection capacity. <i>Nanoscale Horizons</i> , 2019, 4, 1063-1076.	8.0	68
66	Stretch Induces Invasive Phenotypes in Breast Cells Due to Activation of Aerobic Glycolysis-Related Pathways. <i>Advanced Biology</i> , 2019, 3, e1800294.	3.0	5
67	Photothermal effects on protein adsorption dynamics of PEGylated gold nanorods. <i>Applied Materials Today</i> , 2019, 15, 599-604.	4.3	23
68	Exploitation of nanoparticle-protein interactions for early disease detection. <i>Applied Physics Letters</i> , 2019, 114, 163702.	3.3	25
69	Laser irradiation affects the biological identity and cellular uptake of plasmonic nanoparticles. <i>Nanoscale</i> , 2019, 11, 5974-5981.	5.6	8
70	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.	3.5	74
71	Molecular interaction of fibrinogen with zeolite nanoparticles. <i>Scientific Reports</i> , 2019, 9, 1558.	3.3	21
72	Mechanistic Understanding of the Interactions between Nano-Objects with Different Surface Properties and $\beta$ -Synuclein. <i>ACS Nano</i> , 2019, 13, 3243-3256.	14.6	51

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73	Representation of women among scientific Nobel Prize nominees. <i>Lancet, The</i> , 2019, 394, 1905-1906.	13.7	13
74	Nanomaterials for bone tissue regeneration: updates and future perspectives. <i>Nanomedicine</i> , 2019, 14, 2987-3006.	3.3	35
75	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
76	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.	4.1	22
77	Antibody-Drug Conjugates: Possibilities and Challenges. <i>Avicenna Journal of Medical Biotechnology</i> , 2019, 11, 3-23.	0.3	83
78	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.	14.6	188
79	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.	7.8	50
80	Future Perspective on the Smart Delivery of Biomolecules. <i>From Biomaterials Towards Medical Devices</i> , 2018, , 363-371.	0.0	2
81	Label-free detection of A $\beta$ -amyloid peptides (A $\beta$ <sup>240</sup> and A $\beta$ <sup>242</sup> ): a colorimetric sensor array for plasma monitoring of Alzheimer's disease. <i>Nanoscale</i> , 2018, 10, 6361-6368.	5.6	68
82	Debugging Nano-Bio Interfaces: Systematic Strategies to Accelerate Clinical Translation of Nanotechnologies. <i>Trends in Biotechnology</i> , 2018, 36, 755-769.	9.3	145
83	Disease-related metabolites affect protein-nanoparticle interactions. <i>Nanoscale</i> , 2018, 10, 7108-7115.	5.6	61
84	Engineering of Mature Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes Using Substrates with Multiscale Topography. <i>Advanced Functional Materials</i> , 2018, 28, 1707378.	14.9	43
85	Effect of Cell Sex on Uptake of Nanoparticles: The Overlooked Factor at the Nanobio Interface. <i>ACS Nano</i> , 2018, 12, 2253-2266.	14.6	87
86	The Protein Corona around Nanoparticles Facilitates Stem Cell Labeling for Clinical MR Imaging. <i>Radiology</i> , 2018, 286, 938-947.	7.3	27
87	Probing fibronectin conformation on a protein corona layer around nanoparticles. <i>Nanoscale</i> , 2018, 10, 1228-1233.	5.6	55
88	An engineered cell-imprinted substrate directs osteogenic differentiation in stem cells. <i>Biomaterials Science</i> , 2018, 6, 189-199.	5.4	38
89	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.	10.0	19
90	Cardiovascular tissue bioprinting: Physical and chemical processes. <i>Applied Physics Reviews</i> , 2018, 5, 041106.	11.3	36

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91	Improve reporting systems for academic bullying. <i>Nature</i> , 2018, 562, 494-494.	27.8	16
92	Bare surface of gold nanoparticle induces inflammation through unfolding of plasma fibrinogen. <i>Scientific Reports</i> , 2018, 8, 12557.	3.3	43
93	Drug-Abuse Nanotechnology: Opportunities and Challenges. <i>ACS Chemical Neuroscience</i> , 2018, 9, 2288-2298.	3.5	7
94	Two-Dimensional Antimonene-Based Photonic Nanomedicine for Cancer Theranostics. <i>Advanced Materials</i> , 2018, 30, e1802061.	21.0	314
95	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.	9.4	21
96	Brain Targeting by Liposome-Biomolecular Corona Boosts Anticancer Efficacy of Temozolomide in Glioblastoma Cells. <i>ACS Chemical Neuroscience</i> , 2018, 9, 3166-3174.	3.5	53
97	4D Printing of Actuating Cardiac Tissue. , 2018, , 153-162.		18
98	Detection and Discrimination of Bacterial Colonies with Mueller Matrix Imaging. <i>Scientific Reports</i> , 2018, 8, 10815.	3.3	31
99	Flat Cell Culturing Surface May Cause Misinterpretation of Cellular Uptake of Nanoparticles. <i>Advanced Biology</i> , 2018, 2, 1800046.	3.0	7
100	Antibody orientation determines corona mistargeting capability. <i>Nature Nanotechnology</i> , 2018, 13, 775-776.	31.5	35
101	Imaging cellular pharmacokinetics of 18F-FDG and 6-NBDG uptake by inflammatory and stem cells. <i>PLoS ONE</i> , 2018, 13, e0192662.	2.5	1
102	Personalized protein corona on nanoparticles and its clinical implications. <i>Biomaterials Science</i> , 2017, 5, 378-387.	5.4	227
103	Revisiting structure-property relationship of pH-responsive polymers for drug delivery applications. <i>Journal of Controlled Release</i> , 2017, 253, 46-63.	9.9	231
104	Development of anti-CD47 single-chain variable fragment targeted magnetic nanoparticles for treatment of human bladder cancer. <i>Nanomedicine</i> , 2017, 12, 597-613.	3.3	17
105	Cancer immunotherapy: Wound-bound checkpoint blockade. <i>Nature Biomedical Engineering</i> , 2017, 1, .	22.5	15
106	Time-Resolved Visual Chiral Discrimination of Cysteine Using Unmodified CdTe Quantum Dots. <i>Scientific Reports</i> , 2017, 7, 890.	3.3	29
107	Synergistic antimicrobial therapy using nanoparticles and antibiotics for the treatment of multidrug-resistant bacterial infection. <i>Nano Futures</i> , 2017, 1, 015004.	2.2	75
108	Tumor Microenvironment-Responsive Multistaged Nanoplatform for Systemic RNAi and Cancer Therapy. <i>Nano Letters</i> , 2017, 17, 4427-4435.	9.1	119

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109	Bioengineering cardiac constructs using 3D printing. <i>Journal of 3D Printing in Medicine</i> , 2017, 1, 123-139.	2.0	44
110	Correlative Super-Resolution Microscopy: New Dimensions and New Opportunities. <i>Chemical Reviews</i> , 2017, 117, 7428-7456.	47.7	141
111	Mechanistic understanding of in vivo protein corona formation on polymeric nanoparticles and impact on pharmacokinetics. <i>Nature Communications</i> , 2017, 8, 777.	12.8	507
112	Placenta-specific1 (PLAC1) is a potential target for antibody-drug conjugate-based prostate cancer immunotherapy. <i>Scientific Reports</i> , 2017, 7, 13373.	3.3	22
113	Tumor-associated macrophages, nanomedicine and imaging: the axis of success in the future of cancer immunotherapy. <i>Immunotherapy</i> , 2017, 9, 819-835.	2.0	41
114	Nanomedicine for safe healing of bone trauma: Opportunities and challenges. <i>Biomaterials</i> , 2017, 146, 168-182.	11.4	57
115	Multiscale technologies for treatment of ischemic cardiomyopathy. <i>Nature Nanotechnology</i> , 2017, 12, 845-855.	31.5	104
116	Nanoparticle Surface Functionality Dictates Cellular and Systemic Toxicity. <i>Chemistry of Materials</i> , 2017, 29, 6578-6595.	6.7	99
117	Targeted Nanotherapeutics Encapsulating Liver X Receptor Agonist GW3965 Enhance Antiatherogenic Effects without Adverse Effects on Hepatic Lipid Metabolism in <i>Ldlr</i> <sup>-/-</sup> Mice. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700313.	7.6	63
118	Development of a Virtual Cell Model to Predict Cell Response to Substrate Topography. <i>ACS Nano</i> , 2017, 11, 9084-9092.	14.6	33
119	Cellular uptake of nanoparticles: journey inside the cell. <i>Chemical Society Reviews</i> , 2017, 46, 4218-4244.	38.1	1,709
120	Paracrine Effects of the Pluripotent Stem Cell-Derived Cardiac Myocytes Salvage the Injured Myocardium. <i>Circulation Research</i> , 2017, 121, e22-e36.	4.5	124
121	Sensing of Alzheimer's Disease and Multiple Sclerosis Using Nano-Bio Interfaces. <i>Journal of Alzheimer's Disease</i> , 2017, 59, 1187-1202.	2.6	38
122	Advances in Alzheimer's Disease Diagnosis and Therapy: The Implications of Nanotechnology. <i>Trends in Biotechnology</i> , 2017, 35, 937-953.	9.3	121
123	Biological Identity of Nanoparticles In Vivo : Clinical Implications of the Protein Corona. <i>Trends in Biotechnology</i> , 2017, 35, 257-264.	9.3	313
124	Molecular changes in obese and depressive patients are similar to neurodegenerative disorders. <i>Iranian Journal of Neurology</i> , 2017, 16, 192-200.	0.5	1
125	Protein corona: The golden gate to clinical applications of nanoparticles. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 75, 141-142.	2.8	25
126	Regulation of Macrophage Recognition through the Interplay of Nanoparticle Surface Functionality and Protein Corona. <i>ACS Nano</i> , 2016, 10, 4421-4430.	14.6	264



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127	Iron oxide nanoparticles inhibit tumour growth by inducing pro-inflammatory macrophage polarization in tumour tissues. <i>Nature Nanotechnology</i> , 2016, 11, 986-994.	31.5	1,223
128	Bypassing Protein Corona Issue on Active Targeting: Zwitterionic Coatings Dictate Specific Interactions of Targeting Moieties and Cell Receptors. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 22808-22818.	8.0	92
129	Emerging understanding of the protein corona at the nano-bio interfaces. <i>Nano Today</i> , 2016, 11, 817-832.	11.9	205
130	Novel MRI Contrast Agent from Magnetotactic Bacteria Enables In Vivo Tracking of iPSC-derived Cardiomyocytes. <i>Scientific Reports</i> , 2016, 6, 26960.	3.3	33
131	Zeolite Nanoparticles Inhibit $\text{A}\beta$ Fibrinogen Interaction and Formation of a Consequent Abnormal Structural Clot. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 30768-30779.	8.0	47
132	Cell-Imprinted Substrates Modulate Differentiation, Redifferentiation, and Transdifferentiation. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 13777-13784.	8.0	52
133	Multimodality Molecular Imaging of Cardiac Cell Transplantation: Part I. Reporter Gene Design, Characterization, and Optical in Vivo Imaging of Bone Marrow Stromal Cells after Myocardial Infarction. <i>Radiology</i> , 2016, 280, 815-825.	7.3	12
134	Multimodality Molecular Imaging of Cardiac Cell Transplantation: Part II. In Vivo Imaging of Bone Marrow Stromal Cells in Swine with PET/CT and MR Imaging. <i>Radiology</i> , 2016, 280, 826-836.	7.3	12
135	Misinterpretation in Nanotoxicology: A Personal Perspective. <i>Chemical Research in Toxicology</i> , 2016, 29, 943-948.	3.3	38
136	Protein corona: Opportunities and challenges. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 75, 143-147.	2.8	143
137	Identification of Nanoparticles with a Colorimetric Sensor Array. <i>ACS Sensors</i> , 2016, 1, 17-21.	7.8	55
138	The importance of selecting a proper biological milieu for protein corona analysis in vitro: Human plasma versus human serum. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 75, 188-195.	2.8	112
139	Exploring Cellular Interactions of Liposomes Using Protein Corona Fingerprints and Physicochemical Properties. <i>ACS Nano</i> , 2016, 10, 3723-3737.	14.6	130
140	Self-assembly and sequence length dependence on nanofibrils of polyglutamine peptides. <i>Neuropeptides</i> , 2016, 57, 71-83.	2.2	4
141	Identification of catecholamine neurotransmitters using fluorescence sensor array. <i>Analytica Chimica Acta</i> , 2016, 917, 85-92.	5.4	58
142	Targeted superparamagnetic iron oxide nanoparticles for early detection of cancer: Possibilities and challenges. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 287-307.	3.3	145
143	Impact of protein pre-coating on the protein corona composition and nanoparticle cellular uptake. <i>Biomaterials</i> , 2016, 75, 295-304.	11.4	256
144	Infection-resistant MRI-visible scaffolds for tissue engineering applications. <i>BiolImpacts</i> , 2016, 6, 111-115.	1.5	55

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145	Superparamagnetic iron oxide nanoparticles for <i>in vivo</i> molecular and cellular imaging. Contrast Media and Molecular Imaging, 2015, 10, 329-355.	0.8	109
146	Protein Corona Influences Cell-Biomaterial Interactions in Nanostructured Tissue Engineering Scaffolds. Advanced Functional Materials, 2015, 25, 4379-4389.	14.9	57
147	Direct Evaluation of Myocardial Viability and Stem Cell Engraftment Demonstrates Salvage of the Injured Myocardium. Circulation Research, 2015, 116, e40-50.	4.5	49
148	Protein corona composition of gold nanoparticles/nanorods affects amyloid beta fibrillation process. Nanoscale, 2015, 7, 5004-5013.	5.6	107
149	Micropatterned nanostructures: a bioengineered approach to mass-produce functional myocardial grafts. Nanotechnology, 2015, 26, 060501.	2.6	2
150	Crucial role of the protein corona for the specific targeting of nanoparticles. Nanomedicine, 2015, 10, 215-226.	3.3	96
151	Determination of nanoparticles using UV-Vis spectra. Nanoscale, 2015, 7, 5134-5139.	5.6	37
152	Personalized disease-specific protein corona influences the therapeutic impact of graphene oxide. Nanoscale, 2015, 7, 8978-8994.	5.6	199
153	Engineering the Nanoparticle-Protein Interface for Cancer Therapeutics. Cancer Treatment and Research, 2015, 166, 245-273.	0.5	20
154	Regulation of stem cell fate by nanomaterial substrates. Nanomedicine, 2015, 10, 829-847.	3.3	65
155	A colorimetric sensor array for detection and discrimination of biothiols based on aggregation of gold nanoparticles. Analytica Chimica Acta, 2015, 882, 58-67.	5.4	114
156	Nanotoxicology: advances and pitfalls in research methodology. Nanomedicine, 2015, 10, 2931-2952.	3.3	70
157	Epicardial FSTL1 reconstitution regenerates the adult mammalian heart. Nature, 2015, 525, 479-485.	27.8	402
158	On-chip synthesis of fine-tuned bone-seeking hybrid nanoparticles. Nanomedicine, 2015, 10, 3431-3449.	3.3	43
159	Monoclonal antibody conjugated magnetic nanoparticles could target MUC1-positive cells <i>in vitro</i> but not <i>in vivo</i> . Contrast Media and Molecular Imaging, 2015, 10, 225-236.	0.8	50
160	A single-cell correlative nanoelectromechanosensing approach to detect cancerous transformation: monitoring the function of F-actin microfilaments in the modulation of the ion channel activity. Nanoscale, 2015, 7, 1879-1887.	5.6	13
161	[Pyr1]-Apelin-13 delivery via nano-liposomal encapsulation attenuates pressure overload-induced cardiac dysfunction. Biomaterials, 2015, 37, 289-298.	11.4	44
162	Significance of surface charge and shell material of superparamagnetic iron oxide nanoparticle (SPION) based core/shell nanoparticles on the composition of the protein corona. Biomaterials Science, 2015, 3, 265-278.	5.4	133

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163	Nanoparticles-induced inflammatory cytokines in human plasma concentration manner: an ignored factor at the nanobio-interface. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 317-323.	2.2	12
164	Biomedical Applications of Superparamagnetic Nanoparticles in Molecular Scale. <i>Current Organic Chemistry</i> , 2015, 19, 982-990.	1.6	10
165	Use of bio-mimetic three-dimensional technology in therapeutics for heart disease. <i>Bioengineered</i> , 2014, 5, 193-197.	3.2	20
166	Personalized protein coronas: a "key" factor at the nanobiointerface. <i>Biomaterials Science</i> , 2014, 2, 1210.	5.4	238
167	Global warming and neurodegenerative disorders: speculations on their linkage. <i>BioImpacts</i> , 2014, 4, 167-170.	1.5	9
168	Double-doped TiO <sub>2</sub> nanoparticles as an efficient visible-light-active photocatalyst and antibacterial agent under solar simulated light. <i>Applied Surface Science</i> , 2014, 301, 338-345.	6.1	88
169	Variation of Protein Corona Composition of Gold Nanoparticles Following Plasmonic Heating. <i>Nano Letters</i> , 2014, 14, 6-12.	9.1	184
170	Interaction of stable colloidal nanoparticles with cellular membranes. <i>Biotechnology Advances</i> , 2014, 32, 679-692.	11.7	62
171	Hyperthermia-induced protein corona improves the therapeutic effects of zinc ferrite spinel-graphene sheets against cancer. <i>RSC Advances</i> , 2014, 4, 62557-62565.	3.6	50
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