

Assist Prof Morteza Mahmoudi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

322
papers

26,514
citations

80
h-index

158
g-index

359
ext. papers

31,769
ext. citations

10.8
avg, IF

7.47
L-index

#	Paper	IF	Citations
322	How bullying becomes a career tool.. <i>Nature Human Behaviour</i> , 2022 ,	12.8	6
321	The need for improved methodology in protein corona analysis.. <i>Nature Communications</i> , 2022 , 13, 49	17.4	7
320	In situ monitoring of photo-crosslinking reaction of water-soluble bifunctional macromers using magnetic levitation.. <i>Analytica Chimica Acta</i> , 2022 , 1195, 339369	6.6	0
319	On the issue of transparency on the internal investigation of academic bullying.. <i>BiolImpacts</i> , 2022 , 12, 1-2	3.5	
318	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	9.3	1
317	Disrupting targetsPdependency on bullies.. <i>Science</i> , 2022 , 375, 1239	33.3	2
316	Recent advances in nanoscale targeted therapy of HER2-positive breast cancer.. <i>Journal of Drug Targeting</i> , 2022 , 1-48	5.4	0
315	Development of functional hybrid scaffolds for wound healing applications.. <i>IScience</i> , 2022 , 25, 104019	6.1	1
314	Mass Spectrometry, Structural Analysis, and Anti-Inflammatory Properties of Photo-Cross-Linked Human Albumin Hydrogels.. <i>ACS Applied Bio Materials</i> , 2022 ,	4.1	3
313	Academic harassment: The need for interdependent actions of stakeholders. <i>EClinicalMedicine</i> , 2022 , 49, 101481	11.3	0
312	Global, regional, and national mortality among young people aged 10-24 years, 1950-2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2021 , 398, 1593-1618	40	8
311	Function of arteries and veins in conditions of simulated cardiac arrest. <i>BiolImpacts</i> , 2021 , 11, 157-164	3.5	4
310	3D Bioprinted Bacteriostatic Hyperelastic Bone Scaffold for Damage-Specific Bone Regeneration. <i>Polymers</i> , 2021 , 13,	4.5	8
309	The File Drawer Problem in Nanomedicine. <i>Trends in Biotechnology</i> , 2021 , 39, 425-427	15.1	5
308	Special Focus Issue Part I: Functional nanomaterials in cancer therapy. <i>Nanomedicine</i> , 2021 , 16, 879-882	5.6	3
307	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	5.6	6
306	Interdependency of influential parameters in therapeutic nanomedicine. <i>Expert Opinion on Drug Delivery</i> , 2021 , 18, 1379-1394	8	2

305	Sex as an important factor in nanomedicine. <i>Nature Communications</i> , 2021 , 12, 2984	17.4	22
304	Magnetic levitation: a physical tool to measure the density of unknown diamagnetic materials. <i>Physics Education</i> , 2021 , 56, 055020	0.8	4
303	Restoring Endogenous Repair Mechanisms to Heal Chronic Wounds with a Multifunctional Wound Dressing. <i>Molecular Pharmaceutics</i> , 2021 , 18, 3171-3180	5.6	5
302	Emerging Biomolecular Testing to Assess the Risk of Mortality from COVID-19 Infection. <i>Molecular Pharmaceutics</i> , 2021 , 18, 476-482	5.6	13
301	Nanomedicine in Healing Chronic Wounds: Opportunities and Challenges. <i>Molecular Pharmaceutics</i> , 2021 , 18, 550-575	5.6	26
300	Magnetic Levitation Systems for Disease Diagnostics. <i>Trends in Biotechnology</i> , 2021 , 39, 311-321	15.1	15
299	Filling the Space: A Framework for Coordinated Global Actions To Diminish Academic Bullying. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 3338-3344	16.4	8
298	Filling the Space: A Framework for Coordinated Global Actions To Diminish Academic Bullying. <i>Angewandte Chemie</i> , 2021 , 133, 3378-3384	3.6	6
297	Implications of Biomolecular Corona for Molecular Imaging. <i>Molecular Imaging and Biology</i> , 2021 , 23, 1-10	3.8	3
296	COVID-19 and Its Global Economic Impact. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1318, 825-837	3.6	9
295	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	7.4	1
294	Optimal centrifugal isolating of liposome-protein complexes from human plasma. <i>Nanoscale Advances</i> , 2021 , 3, 3824-3834	5.1	5
293	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	18.5	9
292	Learn from the Nobel Prize Committee: Remove the nominee from the process. <i>BioImpacts</i> , 2021 , 11, 235	3.5	
291	Academic bullying: How to be an ally. <i>Science</i> , 2021 , 373, 974	33.3	3
290	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	40	43
289	Nanotechnology for Targeted Detection and Removal of Bacteria: Opportunities and Challenges. <i>Advanced Science</i> , 2021 , 8, e2100556	13.6	7
288	The need for robust characterization of nanomaterials for nanomedicine applications. <i>Nature Communications</i> , 2021 , 12, 5246	17.4	16

287	STEM the bullying: An empirical investigation of abusive supervision in academic science. <i>EClinicalMedicine</i> , 2021 , 40, 101121	11.3	5
286	Can the biomolecular corona induce an allergic reaction?-A proof-of-concept study. <i>Biointerphases</i> , 2021 , 16, 011008	1.8	3
285	Nanoscale characterization of the biomolecular corona by cryo-electron microscopy, cryo-electron tomography, and image simulation. <i>Nature Communications</i> , 2021 , 12, 573	17.4	35
284	Ischemic cardiomyopathy 2020 , 1-8		1
283	Atherosclerosis and thrombosis heart failure 2020 , 23-42		
282	Device-based treatment of heart failure 2020 , 43-46		
281	Clinical cardiovascular medicine and lessons learned from cancer nanotechnology 2020 , 187-195		
280	Effect of cell imprinting on viability and drug susceptibility of breast cancer cells to doxorubicin. <i>Acta Biomaterialia</i> , 2020 , 113, 119-129	10.8	7
279	Gut microbiota and cardiovascular disease: opportunities and challenges. <i>Microbiome</i> , 2020 , 8, 36	16.6	92
278	Evolving Magnetically Levitated Plasma Proteins Detects Opioid Use Disorder as a Model Disease. <i>Advanced Healthcare Materials</i> , 2020 , 9, e1901608	10.1	12
277	Mapping the heterogeneity of protein corona by ex vivo magnetic levitation. <i>Nanoscale</i> , 2020 , 12, 2374-2383	7.7	19
276	The urgent need for modification of scientific ranking indexes to facilitate scientific progress and diminish academic bullying. <i>BioImpacts</i> , 2020 , 10, 5-7	3.5	8
275	Synergistic Analysis of Protein Corona and Haemoglobin Levels Detects Pancreatic Cancer. <i>Cancers</i> , 2020 , 13,	6.6	5
274	COVID-19 pandemic may fuel academic bullying. <i>BioImpacts</i> , 2020 , 10, 139-140	3.5	5
273	Impact of plasma concentration of transferrin on targeting capacity of nanoparticles. <i>Nanoscale</i> , 2020 , 12, 4935-4944	7.7	14
272	Magnetically Levitated Plasma Proteins. <i>Analytical Chemistry</i> , 2020 , 92, 1663-1668	7.8	15
271	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	3.8	4
270	Global burden of 87 risk factors in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020 , 396, 1223-1249	40	1013

269	Five insights from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020 , 396, 1135-1159	4.0	113
268	A protein corona sensor array detects breast and prostate cancers. <i>Nanoscale</i> , 2020 , 12, 16697-16704	7.7	8
267	Biomolecular Corona Affects Controlled Release of Drug Payloads from Nanocarriers. <i>Trends in Pharmacological Sciences</i> , 2020 , 41, 641-652	13.2	15
266	Opportunities and Challenges of the Management of Chronic Wounds: A Multidisciplinary Viewpoint. <i>Chronic Wound Care Management and Research</i> , 2020 , Volume 7, 27-36	1.4	14
265	COVID-19: Nanomedicine Uncovers Blood-Clot Mystery. <i>Journal of Proteome Research</i> , 2020 , 19, 4364-4378	3.7	9
264	A Healthier Peer Review Process Would Improve Diversity. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 40987-40989	9.5	6
263	Measuring universal health coverage based on an index of effective coverage of health services in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020 , 396, 1250-1284	4.0	112
262	A survivor's guide to academic bullying. <i>Nature Human Behaviour</i> , 2020 , 4, 1091	12.8	5
261	The clinical value of the delta finger to palm distance in systemic sclerosis. <i>Reumatismo</i> , 2020 , 72, 44-51	1.1	0
260	Nanoscale Technologies for Prevention and Treatment of Heart Failure: Challenges and Opportunities. <i>Chemical Reviews</i> , 2019 , 119, 11352-11390	68.1	24
259	Metal-organic framework-derived metal oxide nanoparticles@reduced graphene oxide composites as cathode materials for rechargeable aluminium-ion batteries. <i>Scientific Reports</i> , 2019 , 9, 13739	4.9	21
258	Nanoparticles affect bacterial coloniesOptical diffraction patterns. <i>Nanoscale</i> , 2019 , 11, 2594-2601	7.7	3
257	Disease-specific protein corona sensor arrays may have disease detection capacity. <i>Nanoscale Horizons</i> , 2019 , 4, 1063-1076	10.8	41
256	Stretch Induces Invasive Phenotypes in Breast Cells Due to Activation of Aerobic-Glycolysis-Related Pathways. <i>Advanced Biology</i> , 2019 , 3, e1800294	3.5	2
255	Photothermal effects on protein adsorption dynamics of PEGylated gold nanorods. <i>Applied Materials Today</i> , 2019 , 15, 599-604	6.6	15
254	Exploitation of nanoparticle-protein interactions for early disease detection. <i>Applied Physics Letters</i> , 2019 , 114, 163702	3.4	15
253	Laser irradiation affects the biological identity and cellular uptake of plasmonic nanoparticles. <i>Nanoscale</i> , 2019 , 11, 5974-5981	7.7	7
252	Impact of Gold Nanoparticles on Amyloid Induced Alzheimer's Disease in a Rat Animal Model: Involvement of STIM Proteins. <i>ACS Chemical Neuroscience</i> , 2019 , 10, 2299-2309	5.7	41

251	Molecular interaction of fibrinogen with zeolite nanoparticles. <i>Scientific Reports</i> , 2019 , 9, 1558	4.9	12
250	Immunoengineering in glioblastoma imaging and therapy. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2019 , 11, e1575	9.2	8
249	Biomaterial approaches for cardiovascular tissue engineering. <i>Emergent Materials</i> , 2019 , 2, 193-207	3.5	19
248	Interplay of protein corona and immune cells controls blood residency of liposomes. <i>Nature Communications</i> , 2019 , 10, 3686	17.4	97
247	In Vivo Tracking of Tissue Engineered Constructs. <i>Micromachines</i> , 2019 , 10,	3.3	19
246	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	5.1	10
245	Stretch-Induced Invasion: Stretch Induces Invasive Phenotypes in Breast Cells Due to Activation of Aerobic-Glycolysis-Related Pathways (Adv. Biosys. 7/2019). <i>Advanced Biology</i> , 2019 , 3, 1970075	3.5	1
244	Challenges in molecular diagnostic research in cancer nanotechnology. <i>Nano Today</i> , 2019 , 27, 6-10	17.9	31
243	Nanobiomaterial Advances in Cardiovascular Tissue Engineering 2019 , 79-106		
242	Effect of Cell Age on Uptake and Toxicity of Nanoparticles: The Overlooked Factor at the Nanobio Interface. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 39672-39687	9.5	16
241	The need for a global committee on academic behaviour ethics. <i>Lancet, The</i> , 2019 , 394, 1410	40	5
240	Tie institutionsPreputations to their anti-bullying record. <i>Nature</i> , 2019 , 572, 439	50.4	7
239	Scarcity of lab positions in high-ranked institutions creates a breeding ground for bullies. <i>BiolImpacts</i> , 2019 , 9, 251	3.5	1
238	Antibody-Drug Conjugates: Possibilities and Challenges. <i>Avicenna Journal of Medical Biotechnology</i> , 2019 , 11, 3-23	1.4	63
237	Mechanistic Understanding of the Interactions between Nano-Objects with Different Surface Properties and Synuclein. <i>ACS Nano</i> , 2019 , 13, 3243-3256	16.7	33
236	Representation of women among scientific Nobel Prize nominees. <i>Lancet, The</i> , 2019 , 394, 1905-1906	40	5
235	Nanomaterials for bone tissue regeneration: updates and future perspectives. <i>Nanomedicine</i> , 2019 , 14, 2987-3006	5.6	20
234	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	3.5	6

233	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	7	13
232	Low, but not high, dose triptolide controls neuroinflammation and improves behavioral deficits in toxic model of multiple sclerosis by dampening of NF- κ B activation and acceleration of intrinsic myelin repair. <i>Toxicology and Applied Pharmacology</i> , 2018 , 342, 86-98	4.6	16
231	Intracellular Mechanistic Understanding of 2D MoS Nanosheets for Anti-Exocytosis-Enhanced Synergistic Cancer Therapy. <i>ACS Nano</i> , 2018 , 12, 2922-2938	16.7	145
230	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	8.5	39
229	Single nucleotide polymorphisms of the genes encoding IL-10 and TGF- β 1 in Iranian children with atopic dermatitis. <i>Allergologia Et Immunopathologia</i> , 2018 , 46, 155-159	1.9	3
228	Future Perspective on the Smart Delivery of Biomolecules. <i>From Biomaterials Towards Medical Devices</i> , 2018 , 363-371		0
227	Label-free detection of Amyloid peptides (A β 0 and A β 2): a colorimetric sensor array for plasma monitoring of Alzheimer's disease. <i>Nanoscale</i> , 2018 , 10, 6361-6368	7.7	43
226	Debugging Nano-Bio Interfaces: Systematic Strategies to Accelerate Clinical Translation of Nanotechnologies. <i>Trends in Biotechnology</i> , 2018 , 36, 755-769	15.1	120
225	Disease-related metabolites affect protein-nanoparticle interactions. <i>Nanoscale</i> , 2018 , 10, 7108-7115	7.7	43
224	Engineering of Mature Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes Using Substrates with Multiscale Topography. <i>Advanced Functional Materials</i> , 2018 , 28, 1707378	15.6	27
223	Effect of Cell Sex on Uptake of Nanoparticles: The Overlooked Factor at the Nanobio Interface. <i>ACS Nano</i> , 2018 , 12, 2253-2266	16.7	65
222	The Protein Corona around Nanoparticles Facilitates Stem Cell Labeling for Clinical MR Imaging. <i>Radiology</i> , 2018 , 286, 938-947	20.5	22
221	Association of killer cell immunoglobulin-like receptor (KIR) genes and their HLA ligands with susceptibility to Behçet's disease. <i>Scandinavian Journal of Rheumatology</i> , 2018 , 47, 155-163	1.9	8
220	Two-Dimensional Antimonene-Based Photonic Nanomedicine for Cancer Theranostics. <i>Advanced Materials</i> , 2018 , 30, e1802061	24	260
219	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	9.3	17
218	Brain Targeting by Liposome-Biomolecular Corona Boosts Anticancer Efficacy of Temozolomide in Glioblastoma Cells. <i>ACS Chemical Neuroscience</i> , 2018 , 9, 3166-3174	5.7	34
217	4D Printing of Actuating Cardiac Tissue 2018 , 153-162		16
216	Detection and Discrimination of Bacterial Colonies with Mueller Matrix Imaging. <i>Scientific Reports</i> , 2018 , 8, 10815	4.9	19

215	Flat Cell Culturing Surface May Cause Misinterpretation of Cellular Uptake of Nanoparticles. <i>Advanced Biology</i> , 2018 , 2, 1800046	3.5	5
214	Biomedical Applications: Engineering of Mature Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes Using Substrates with Multiscale Topography (Adv. Funct. Mater. 19/2018). <i>Advanced Functional Materials</i> , 2018 , 28, 1870128	15.6	1
213	Antibody orientation determines corona mistargeting capability. <i>Nature Nanotechnology</i> , 2018 , 13, 775-786	28	
212	Abstract 4642: Personalized cancer-specific protein corona affects the therapeutic impact of nanoparticles 2018 ,		3
211	Imaging cellular pharmacokinetics of 18F-FDG and 6-NBDG uptake by inflammatory and stem cells. <i>PLoS ONE</i> , 2018 , 13, e0192662	3.7	1
210	Probing fibronectin conformation on a protein corona layer around nanoparticles. <i>Nanoscale</i> , 2018 , 10, 1228-1233	7.7	40
209	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	12.1	14
208	Cardiovascular tissue bioprinting: Physical and chemical processes. <i>Applied Physics Reviews</i> , 2018 , 5, 041106	24	
207	Cancer Theranostics: Two-Dimensional Antimonene-Based Photonic Nanomedicine for Cancer Theranostics (Adv. Mater. 38/2018). <i>Advanced Materials</i> , 2018 , 30, 1870283	24	3
206	Improve reporting systems for academic bullying. <i>Nature</i> , 2018 , 562, 494	50.4	11
205	Restoration of tumour-growth suppression in vivo via systemic nanoparticle-mediated delivery of PTEN mRNA. <i>Nature Biomedical Engineering</i> , 2018 , 2, 850-864	19	127
204	Bare surface of gold nanoparticle induces inflammation through unfolding of plasma fibrinogen. <i>Scientific Reports</i> , 2018 , 8, 12557	4.9	33
203	Drug-Abuse Nanotechnology: Opportunities and Challenges. <i>ACS Chemical Neuroscience</i> , 2018 , 9, 2288-2298	3.7	4
202	Engineering natural heart valves: possibilities and challenges. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017 , 11, 1675-1683	4.4	16
201	In vivo protein corona patterns of lipid nanoparticles. <i>RSC Advances</i> , 2017 , 7, 1137-1145	3.7	46
200	Personalized protein corona on nanoparticles and its clinical implications. <i>Biomaterials Science</i> , 2017 , 5, 378-387	7.4	165
199	Revisiting structure-property relationship of pH-responsive polymers for drug delivery applications. <i>Journal of Controlled Release</i> , 2017 , 253, 46-63	11.7	168
198	Development of anti-CD47 single-chain variable fragment targeted magnetic nanoparticles for treatment of human bladder cancer. <i>Nanomedicine</i> , 2017 , 12, 597-613	5.6	16

197	Time-Resolved Visual Chiral Discrimination of Cysteine Using Unmodified CdTe Quantum Dots. <i>Scientific Reports</i> , 2017 , 7, 890	4.9	26
196	Synergistic antimicrobial therapy using nanoparticles and antibiotics for the treatment of multidrug-resistant bacterial infection. <i>Nano Futures</i> , 2017 , 1, 015004	3.6	52
195	Tumor Microenvironment-Responsive Multistaged Nanoplatfom for Systemic RNAi and Cancer Therapy. <i>Nano Letters</i> , 2017 , 17, 4427-4435	11.5	104
194	Bioengineering cardiac constructs using 3D printing. <i>Journal of 3D Printing in Medicine</i> , 2017 , 1, 123-139	1.5	34
193	Correlative Super-Resolution Microscopy: New Dimensions and New Opportunities. <i>Chemical Reviews</i> , 2017 , 117, 7428-7456	68.1	105
192	M2000 (D-Mannuronic Acid) as a Novel Antagonist for Blocking the TLR2 and TLR4 Downstream Signalling Pathway. <i>Scandinavian Journal of Immunology</i> , 2017 , 85, 122-129	3.4	24
191	Mechanistic understanding of in vivo protein corona formation on polymeric nanoparticles and impact on pharmacokinetics. <i>Nature Communications</i> , 2017 , 8, 777	17.4	362
190	Placenta-specific1 (PLAC1) is a potential target for antibody-drug conjugate-based prostate cancer immunotherapy. <i>Scientific Reports</i> , 2017 , 7, 13373	4.9	16
189	An apolipoprotein-enriched biomolecular corona switches the cellular uptake mechanism and trafficking pathway of lipid nanoparticles. <i>Nanoscale</i> , 2017 , 9, 17254-17262	7.7	52
188	Tumor-associated macrophages, nanomedicine and imaging: the axis of success in the future of cancer immunotherapy. <i>Immunotherapy</i> , 2017 , 9, 819-835	3.8	37
187	Nanomedicine for safe healing of bone trauma: Opportunities and challenges. <i>Biomaterials</i> , 2017 , 146, 168-182	15.6	38
186	Multiscale technologies for treatment of ischemic cardiomyopathy. <i>Nature Nanotechnology</i> , 2017 , 12, 845-855	28.7	84
185	Nanoparticle Surface Functionality Dictates Cellular and Systemic Toxicity. <i>Chemistry of Materials</i> , 2017 , 29, 6578-6595	9.6	73
184	Targeted Nanotherapeutics Encapsulating Liver X Receptor Agonist GW3965 Enhance Antiatherogenic Effects without Adverse Effects on Hepatic Lipid Metabolism in Ldlr Mice. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1700313	10.1	46
183	Development of a Virtual Cell Model to Predict Cell Response to Substrate Topography. <i>ACS Nano</i> , 2017 , 11, 9084-9092	16.7	26
182	Cellular uptake of nanoparticles: journey inside the cell. <i>Chemical Society Reviews</i> , 2017 , 46, 4218-4244	58.5	1045
181	Paracrine Effects of the Pluripotent Stem Cell-Derived Cardiac Myocytes Salvage the Injured Myocardium. <i>Circulation Research</i> , 2017 , 121, e22-e36	15.7	90
180	Promoter hypermethylation of BCL11B gene correlates with downregulation of gene transcription in ankylosing spondylitis patients. <i>Genes and Immunity</i> , 2017 , 18, 170-175	4.4	36

179	Sensing of Alzheimer β Disease and Multiple Sclerosis Using Nano-Bio Interfaces. <i>Journal of Alzheimer's Disease</i> , 2017 , 59, 1187-1202	4.3	29
178	Advances in Alzheimer β Diagnosis and Therapy: The Implications of Nanotechnology. <i>Trends in Biotechnology</i> , 2017 , 35, 937-953	15.1	87
177	Biological Identity of Nanoparticles In Vivo: Clinical Implications of the Protein Corona. <i>Trends in Biotechnology</i> , 2017 , 35, 257-264	15.1	244
176	Restoration of tumor suppression in vivo by systemic delivery of chemically-modified PTEN mRNA nanoparticles.. <i>Journal of Clinical Oncology</i> , 2017 , 35, 11582-11582	2.2	1
175	Molecular changes in obese and depressive patients are similar to neurodegenerative disorders. <i>Iranian Journal of Neurology</i> , 2017 , 16, 192-200	0.6	1
174	An engineered cell-imprinted substrate directs osteogenic differentiation in stem cells. <i>Biomaterials Science</i> , 2017 , 6, 189-199	7.4	24
173	Impact of protein pre-coating on the protein corona composition and nanoparticle cellular uptake. <i>Biomaterials</i> , 2016 , 75, 295-304	15.6	202
172	Bypassing Protein Corona Issue on Active Targeting: Zwitterionic Coatings Dictate Specific Interactions of Targeting Moieties and Cell Receptors. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 22808-18	9.5	71
171	Emerging understanding of the protein corona at the nano-bio interfaces. <i>Nano Today</i> , 2016 , 11, 817-832	7.9	171
170	Novel MRI Contrast Agent from Magnetotactic Bacteria Enables In Vivo Tracking of iPSC-derived Cardiomyocytes. <i>Scientific Reports</i> , 2016 , 6, 26960	4.9	25
169	Zeolite Nanoparticles Inhibit A β -Fibrinogen Interaction and Formation of a Consequent Abnormal Structural Clot. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 30768-30779	9.5	38
168	Cell-Imprinted Substrates Modulate Differentiation, Redifferentiation, and Transdifferentiation. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 13777-84	9.5	40
167	Nanoparticles-cell association predicted by protein corona fingerprints. <i>Nanoscale</i> , 2016 , 8, 12755-63	7.7	63
166	Synthesis and biomedical applications of aerogels: Possibilities and challenges. <i>Advances in Colloid and Interface Science</i> , 2016 , 236, 1-27	14.3	187
165	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, 815-25	20.5	10
164	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, 826-36	20.5	8
163	Misinterpretation in Nanotoxicology: A Personal Perspective. <i>Chemical Research in Toxicology</i> , 2016 , 29, 943-8	4	36
162	Acknowledgement of manuscript reviewers 2015. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2016 , 24, 1	3.9	5

161	Protein corona: Opportunities and challenges. <i>International Journal of Biochemistry and Cell Biology</i> , 2016 , 75, 143-7	5.6	107
160	Identification of Nanoparticles with a Colorimetric Sensor Array. <i>ACS Sensors</i> , 2016 , 1, 17-21	9.2	50
159	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, 188-95	5.6	90
158	Analysis of killer cell immunoglobulin-like receptors and their human leukocyte antigen-ligands gene polymorphisms in Iranian patients with systemic lupus erythematosus. <i>Lupus</i> , 2016 , 25, 1244-53	2.6	14
157	Exploring Cellular Interactions of Liposomes Using Protein Corona Fingerprints and Physicochemical Properties. <i>ACS Nano</i> , 2016 , 10, 3723-37	16.7	108
156	Self-assembly and sequence length dependence on nanofibrils of polyglutamine peptides. <i>Neuropeptides</i> , 2016 , 57, 71-83	3.3	4
155	Identification of catecholamine neurotransmitters using fluorescence sensor array. <i>Analytica Chimica Acta</i> , 2016 , 917, 85-92	6.6	47
154	Targeted superparamagnetic iron oxide nanoparticles for early detection of cancer: Possibilities and challenges. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016 , 12, 287-307	6	112
153	Infection-resistant MRI-visible scaffolds for tissue engineering applications. <i>BioImpacts</i> , 2016 , 6, 111-5	3.5	29
152	Bioinspired Nanotechnologies for Skin Regeneration 2016 , 337-352		5
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