

# Marc Schneider

## List of Publications by Year in descending order

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147  
papers

6,288  
citations

57758

44  
h-index

76900

74  
g-index

151  
all docs

151  
docs citations

151  
times ranked

9121  
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation of Fluorescent Metal (Au, Ag) Nanoclusters Capped in Bovine Serum Albumin Followed by Fluorescence and Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2011, 115, 10955-10963.	3.1	365
2	Nanoparticles and their interactions with the dermal barrier. <i>Dermato-Endocrinology</i> , 2009, 1, 197-206.	1.8	322
3	Chitosan-coated PLGA nanoparticles for DNA/RNA delivery: effect of the formulation parameters on complexation and transfection of antisense oligonucleotides. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2007, 3, 173-183.	3.3	224
4	Synthesis and characterization of human transferrin-stabilized gold nanoclusters. <i>Nanotechnology</i> , 2011, 22, 275103.	2.6	169
5	Optical tweezers reveal relationship between microstructure and nanoparticle penetration of pulmonary mucus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 18355-18360.	7.1	160
6	Antibiotic-free nanotherapeutics: Ultra-small, mucus-penetrating solid lipid nanoparticles enhance the pulmonary delivery and anti-virulence efficacy of novel quorum sensing inhibitors. <i>Journal of Controlled Release</i> , 2014, 192, 131-140.	9.9	160
7	Relevance of the colloidal stability of chitosan/PLGA nanoparticles on their cytotoxicity profile. <i>International Journal of Pharmaceutics</i> , 2009, 381, 130-139.	5.2	149
8	Highly fluorescent silver nanoclusters stabilized by glutathione: a promising fluorescent label for bioimaging. <i>Nano Research</i> , 2012, 5, 379-387.	10.4	149
9	Shortwave Infrared in Vivo Imaging with Gold Nanoclusters. <i>Nano Letters</i> , 2017, 17, 6330-6334.	9.1	149
10	Interaction of inorganic nanoparticles with the skin barrier: current status and critical review. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2013, 9, 39-54.	3.3	144
11	Influence of Nanoencapsulation on Human Skin Transport of Flufenamic Acid. <i>Skin Pharmacology and Physiology</i> , 2006, 19, 190-197.	2.5	133
12	PLGA Nanoparticles Stabilized with Cationic Surfactant: Safety Studies and Application in Oral Delivery of Paclitaxel to Treat Chemical-Induced Breast Cancer in Rat. <i>Pharmaceutical Research</i> , 2009, 26, 2495-2503.	3.5	133
13	Multiphoton Microscopy for the Investigation of Dermal Penetration of Nanoparticle-Borne Drugs. <i>Journal of Investigative Dermatology</i> , 2006, 126, 2224-2233.	0.7	131
14	Mechanism and determinants of nanoparticle penetration through human skin. <i>Nanoscale</i> , 2011, 3, 4989.	5.6	127
15	Key for crossing the BBB with nanoparticles: the rational design. <i>Beilstein Journal of Nanotechnology</i> , 2020, 11, 866-883.	2.8	122
16	In vitro assessment of transferrin-conjugated liposomes as drug delivery systems for inhalation therapy of lung cancer. <i>European Journal of Pharmaceutical Sciences</i> , 2006, 29, 367-374.	4.0	121
17	Uptake of nanoparticles by alveolar macrophages is triggered by surfactant protein A. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011, 7, 690-693.	3.3	117
18	High photostability and enhanced fluorescence of gold nanoclusters by silver doping. <i>Nanoscale</i> , 2012, 4, 7624.	5.6	102

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19	Two-Photon Activation and Excitation Properties of PA-GFP in the 720–920-nm Region. <i>Biophysical Journal</i> , 2005, 89, 1346-1352.	0.5	100
20	Ciprofloxacin-loaded PLGA nanoparticles against cystic fibrosis <i>P. aeruginosa</i> lung infections. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 117, 363-371.	4.3	100
21	Novel approaches for drug delivery systems in nanomedicine: effects of particle design and shape. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2012, 4, 52-65.	6.1	93
22	NIR-emitting fluorescent gold nanoclusters doped in silica nanoparticles. <i>Journal of Materials Chemistry</i> , 2011, 21, 2974.	6.7	87
23	Improvement of Nanoprecipitation Technique for Preparation of Gelatin Nanoparticles and Potential Macromolecular Drug Loading. <i>Macromolecular Bioscience</i> , 2013, 13, 455-463.	4.1	87
24	Gold Nanoparticle Penetration and Reduced Metabolism in Human Skin by Toluene. <i>Pharmaceutical Research</i> , 2011, 28, 2931-2944.	3.5	81
25	Mucociliary clearance of micro- and nanoparticles is independent of size, shape and charge—an <i>ex vivo</i> and <i>in silico</i> approach. <i>Journal of Controlled Release</i> , 2012, 159, 128-134.	9.9	79
26	Influence of Particle Size and Material Properties on Mucociliary Clearance from the Airways. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2010, 23, 233-241.	1.4	78
27	Selective Antimicrobial Activity Associated with Sulfur Nanoparticles. <i>Journal of Biomedical Nanotechnology</i> , 2011, 7, 395-405.	1.1	76
28	Dissolution Techniques for <i>In Vitro</i> Testing of Dry Powders for Inhalation. <i>Pharmaceutical Research</i> , 2012, 29, 2157-2166.	3.5	75
29	Multilayer Coating of Gold Nanoparticles with Drug-Polymer Coadsorbates. <i>Langmuir</i> , 2010, 26, 16901-16908.	3.5	64
30	Synthesis of Yellow-Emitting Platinum Nanoclusters by Ligand Etching. <i>Journal of Physical Chemistry C</i> , 2012, 116, 6047-6051.	3.1	64
31	The influence of chitosan content in cationic chitosan/PLGA nanoparticles on the delivery efficiency of antisense 2'-O-methyl-RNA directed against telomerase in lung cancer cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 72, 358-369.	4.3	62
32	Penetration of Quantum Dot Particles Through Human Skin. <i>Journal of Biomedical Nanotechnology</i> , 2010, 6, 586-595.	1.1	60
33	Ciprofloxacin-loaded lipid-core nanocapsules as mucus penetrating drug delivery system intended for the treatment of bacterial infections in cystic fibrosis. <i>International Journal of Pharmaceutics</i> , 2017, 527, 92-102.	5.2	58
34	DNA Alignment at Cationic Lipid Monolayers at the Air/Water Interface. <i>Macromolecules</i> , 2004, 37, 3865-3873.	4.8	56
35	Tailor-made biofunctionalized nanoparticles using layer-by-layer technology. <i>International Journal of Pharmaceutics</i> , 2010, 395, 236-242.	5.2	53
36	A Comparative Evaluation of Corneal Epithelial Cell Cultures for Assessing Ocular Permeability. <i>ATLA Alternatives To Laboratory Animals</i> , 2008, 36, 33-44.	1.0	50

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37	Microfluidics as tool to prepare size-tunable PLGA nanoparticles with high curcumin encapsulation for efficient mucus penetration. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 2280-2293.	2.8	49
38	Inhalative nanomedicine—Opportunities and challenges. <i>Inhalation Toxicology</i> , 2009, 21, 137-143.	1.6	48
39	The influence of mannitol on morphology and disintegration of spray-dried nano-embedded microparticles. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 104, 171-179.	4.0	48
40	Combined multiphoton imaging-pixel analysis for semiquantitation of skin penetration of gold nanoparticles. <i>International Journal of Pharmaceutics</i> , 2011, 413, 279-282.	5.2	47
41	Antigen delivery via hydrophilic PEG- b -PAGE- b -PLGA nanoparticles boosts vaccination induced T cell immunity. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 102, 20-31.	4.3	47
42	Coupling of Biotin~(poly(ethylene glycol))amine to Poly(D,L-lactide-co-glycolide) Nanoparticles for Versatile Surface Modification. <i>Bioconjugate Chemistry</i> , 2007, 18, 1087-1094.	3.6	46
43	Nanoparticles of anionic starch and cationic cyclodextrin derivatives for the targeted delivery of drugs. <i>Polymer Chemistry</i> , 2011, 2, 209-215.	3.9	45
44	The buccal mucosa as a route for TiO <sub>2</sub> nanoparticle uptake. <i>Nanotoxicology</i> , 2015, 9, 253-261.	3.0	45
45	Mucus-penetrating solid lipid nanoparticles for the treatment of cystic fibrosis: Proof of concept, challenges and pitfalls. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 124, 125-137.	4.3	44
46	PEGylation Improves Nanoparticle Formation and Transfection Efficiency of Messenger RNA. <i>Pharmaceutical Research</i> , 2011, 28, 2223-2232.	3.5	43
47	Dissolution Testing of Powders for Inhalation: Influence of Particle Deposition and Modeling of Dissolution Profiles. <i>Pharmaceutical Research</i> , 2014, 31, 3211-3224.	3.5	41
48	Template-Assisted Polyelectrolyte Encapsulation of Nanoparticles into Dispersible, Hierarchically Nanostructured Microfibers. <i>Advanced Materials</i> , 2011, 23, 1376-1379.	21.0	40
49	Cellular delivery of polynucleotides by cationic cyclodextrin polyrotaxanes. <i>Journal of Controlled Release</i> , 2012, 164, 387-393.	9.9	38
50	Transdermal iontophoresis of flufenamic acid loaded PLGA nanoparticles. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 89, 154-162.	4.0	37
51	Optimization of ciprofloxacin complex loaded PLGA nanoparticles for pulmonary treatment of cystic fibrosis infections: Design of experiments approach. <i>International Journal of Pharmaceutics</i> , 2016, 515, 343-351.	5.2	36
52	Impact of PEG and PEG- b -PAGE modified PLGA on nanoparticle formation, protein loading and release. <i>International Journal of Pharmaceutics</i> , 2016, 500, 187-195.	5.2	36
53	Dry powder aerosols of polyethylenimine (PEI)-based gene vectors mediate efficient gene delivery to the lung. <i>Journal of Controlled Release</i> , 2011, 154, 69-76.	9.9	35
54	Spray dried curcumin loaded nanoparticles for antimicrobial photodynamic therapy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 142, 531-539.	4.3	35

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55	Customized fast-separable microneedles prepared with the aid of 3D printing for nanoparticle delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 154, 166-174.	4.3	33
56	Spray-drying of inhalable, multifunctional formulations for the treatment of biofilms formed in cystic fibrosis. <i>Journal of Controlled Release</i> , 2019, 314, 62-71.	9.9	32
57	Mechanical properties of gelatin nanoparticles in dependency of crosslinking time and storage. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 175, 713-720.	5.0	32
58	Chemical Pulsed-Force Microscopy of Single Polyethyleneimine Molecules in Aqueous Solution. <i>Langmuir</i> , 2002, 18, 602-606.	3.5	31
59	Nano spray dried antibacterial coatings for dental implants. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 139, 59-67.	4.3	31
60	Adsorption of Polyethylenimine on Graphite: An Atomic Force Microscopy Study. <i>Macromolecules</i> , 2003, 36, 9510-9518.	4.8	30
61	Development of inhalable curcumin loaded Nano-in-Microparticles for bronchoscopic photodynamic therapy. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 132, 63-71.	4.0	30
62	Effect of physical stimuli on hair follicle deposition of clobetasol-loaded Lipid Nanocarriers. <i>Scientific Reports</i> , 2020, 10, 176.	3.3	30
63	Improved delivery of the natural anticancer drug tetrandrine. <i>International Journal of Pharmaceutics</i> , 2015, 479, 41-51.	5.2	29
64	Inhibition of the cancer-associated TASK 3 channels by magnetically induced thermal release of Tetrandrine from a polymeric drug carrier. <i>Journal of Controlled Release</i> , 2016, 237, 50-60.	9.9	29
65	Treatment of lung cancer via telomerase inhibition: Self-assembled nanoplexes versus polymeric nanoparticles as vectors for 2'-O-Methyl-RNA. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 80, 478-489.	4.3	28
66	Spray-dried multidrug particles for pulmonary co-delivery of antibiotics with N-acetylcysteine and curcumin-loaded PLGA-nanoparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 157, 200-210.	4.3	27
67	Advances in biomedical and pharmaceutical applications of protein-stabilized gold nanoclusters. <i>Journal of Materials Chemistry B</i> , 2020, 8, 8952-8971.	5.8	27
68	Controlling the Adsorption of Single Poly(styrenesulfonate) Sodium on NH <sub>3</sub> <sup>+</sup> -Modified Gold Surfaces on a Molecular Scale. <i>Langmuir</i> , 2001, 17, 6471-6476.	3.5	25
69	Depth profiling of gold nanoparticles and characterization of point spread functions in reconstructed and human skin using multiphoton microscopy. <i>Journal of Biophotonics</i> , 2012, 5, 85-96.	2.3	24
70	Design and Characterization of Surface-Crosslinked Gelatin Nanoparticles for the Delivery of Hydrophilic Macromolecular Drugs. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900260.	2.2	24
71	NIR-Emitting Gold Nanoclusters-Modified Gelatin Nanoparticles as a Bioimaging Agent in Tissue. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900993.	7.6	24
72	Characterization of structure and mechanism of transfection-active peptide-DNA complexes. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2002, 1576, 45-52.	2.4	23

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73	Semi-Automated Nanoprecipitation-System“An Option for Operator Independent, Scalable and Size Adjustable Nanoparticle Synthesis. <i>Pharmaceutical Research</i> , 2015, 32, 1859-1863.	3.5	23
74	Pulmonary Drug Delivery: Medicines for Inhalation. <i>Handbook of Experimental Pharmacology</i> , 2010, , 171-192.	1.8	22
75	Embryonic Chicken Trachea as a New In Vitro Model for the Investigation of Mucociliary Particle Clearance in the Airways. <i>AAPS PharmSciTech</i> , 2008, 9, 521-527.	3.3	21
76	Aspherical, Nanostructured Microparticles for Targeted Gene Delivery to Alveolar Macrophages. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700478.	7.6	21
77	Counter-ion complexes for enhanced drug loading in nanocarriers: Proof-of-concept and beyond. <i>International Journal of Pharmaceutics</i> , 2016, 511, 994-1001.	5.2	20
78	Crossing biological barriers for advanced drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 84, 239-241.	4.3	19
79	Macrophage uptake of cylindrical microparticles investigated with correlative microscopy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 95, 151-155.	4.3	19
80	Structure of transfection-active histone H1/DNA complexes. <i>Molecular Biology Reports</i> , 2001, 28, 157-165.	2.3	18
81	Synthesis of amphiphilic seleninic acid derivatives with considerable activity against cellular membranes and certain pathogenic microbes. <i>Journal of Hazardous Materials</i> , 2014, 269, 74-82.	12.4	18
82	Surface-modified yeast cells: A novel eukaryotic carrier for oral application. <i>Journal of Controlled Release</i> , 2016, 224, 1-7.	9.9	18
83	Functionalized multifunctional nanovaccine for targeting dendritic cells and modulation of immune response. <i>International Journal of Pharmaceutics</i> , 2021, 593, 120123.	5.2	18
84	Photo-responsive tetraether lipids based vesicles for prophyrin mediated vascular targeting and direct phototherapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 159, 720-728.	5.0	18
85	Could Chemical Enhancement of Gold Nanoparticle Penetration Be Extrapolated from Established Approaches for Drug Permeation?. <i>Skin Pharmacology and Physiology</i> , 2012, 25, 208-218.	2.5	17
86	Quantitative evaluation and visualization of size effect on cellular uptake of gold nanoparticles by multiphoton imaging-LV/Vis spectroscopic analysis. <i>Journal of Biomedical Optics</i> , 2014, 19, 101505.	2.6	17
87	Ketoconazole-loaded PLGA nanoparticles and their synergism against <i>Candida albicans</i> when combined with silver nanoparticles. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 56, 101574.	3.0	17
88	Testing of aerosolized ciprofloxacin nanocarriers on cystic fibrosis airway cells infected with <i>P. aeruginosa</i> biofilms. <i>Drug Delivery and Translational Research</i> , 2021, 11, 1752-1765.	5.8	15
89	Structure of drug delivery DPPA and DPPC liposomes with ligands and their permeability through cells. <i>Journal of Liposome Research</i> , 2015, 25, 20-31.	3.3	14
90	Stabilized tetraether lipids based particles guided prophyrins photodynamic therapy. <i>Drug Delivery</i> , 2018, 25, 1526-1536.	5.7	14

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91	Stabilization of Gelatin Nanoparticles Without Crosslinking. <i>Macromolecular Bioscience</i> , 2014, 14, 1627-1638.	4.1	13
92	Focused Ultrasound as a Scalable and Contact-Free Method to Manufacture Protein-Loaded PLGA Nanoparticles. <i>Pharmaceutical Research</i> , 2015, 32, 2995-3006.	3.5	13
93	A foam model highlights the differences of the macro- and microrheology of respiratory horse mucus. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017, 71, 216-222.	3.1	13
94	Preparation of maltodextrin nanoparticles and encapsulation of bovine serum albumin – Influence of formulation parameters. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 142, 405-410.	4.3	13
95	Cylindrical Microparticles Composed of Mesoporous Silica Nanoparticles for the Targeted Delivery of a Small Molecule and a Macromolecular Drug to the Lungs: Exemplified with Curcumin and siRNA. <i>Pharmaceutics</i> , 2021, 13, 844.	4.5	13
96	Miniature In Vitro Dissolution Testing of Powders for Inhalation. <i>Dissolution Technologies</i> , 2015, 22, 40-51.	0.6	13
97	Computational fluid dynamics of nanoparticle disposition in the airways: mucus interactions and mucociliary clearance. <i>Computing and Visualization in Science</i> , 2011, 14, 301-308.	1.2	12
98	A comparison of spherical and cylindrical microparticles composed of nanoparticles for pulmonary application. <i>Aerosol Science and Technology</i> , 2019, 53, 53-62.	3.1	12
99	Development of a fast and precise method for simultaneous quantification of the PLGA monomers lactic and glycolic acid by HPLC. <i>Journal of Pharmaceutical Analysis</i> , 2019, 9, 100-107.	5.3	12
100	Reliable release testing for nanoparticles with the NanoDis System, an innovative sample and separate technique. <i>International Journal of Pharmaceutics</i> , 2021, 609, 121215.	5.2	12
101	Spray-dried carvedilol-loaded nanocapsules for sublingual administration: Mucoadhesive properties and drug permeability. <i>Powder Technology</i> , 2019, 354, 348-357.	4.2	11
102	Photodynamic inactivation of circulating tumor cells: An innovative approach against metastatic cancer. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 157, 38-46.	4.3	11
103	Efficient Photoconversion Distorts the Fluorescence Lifetime of GFP in Confocal Microscopy: A Model Kinetic Study on Mutant Thr203Val. <i>ChemPhysChem</i> , 2008, 9, 1867-1874.	2.1	10
104	Polyester-idarubicin nanoparticles and a polymer-photosensitizer complex as potential drug formulations for cell-mediated drug delivery. <i>International Journal of Pharmaceutics</i> , 2014, 474, 70-79.	5.2	10
105	Following fast adsorption processes with surface plasmon spectroscopy: reflectivity versus mismatch tracking. <i>Sensors and Actuators B: Chemical</i> , 2005, 104, 276-281.	7.8	9
106	Calorimetric and spectrophotometric investigation of PLGA nanoparticles and their complex with DNA. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 99, 337-348.	3.6	9
107	In Vitro Human Skin Segmentation and Drug Concentration – Skin Depth Profiles. <i>Methods in Molecular Biology</i> , 2011, 763, 33-50.	0.9	9
108	Setup for investigating gold nanoparticle penetration through reconstructed skin and comparison to published human skin data. <i>Journal of Biomedical Optics</i> , 2012, 18, 061218.	2.6	9

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109	A photosensitizer delivered by bispecific antibody redirected T lymphocytes enhances cytotoxicity against EpCAM-expressing carcinoma cells upon light irradiation. <i>Journal of Controlled Release</i> , 2015, 197, 58-68.	9.9	9
110	Evaluation of novel organosilane modifications of paper spray mass spectrometry substrates for analyzing polar compounds. <i>Talanta</i> , 2019, 204, 677-684.	5.5	9
111	Targeted delivery of functionalized PLGA nanoparticles to macrophages by complexation with the yeast <i>Saccharomyces cerevisiae</i> . <i>Biotechnology and Bioengineering</i> , 2020, 117, 776-788.	3.3	9
112	Visualization of the structure of native human pulmonary mucus. <i>International Journal of Pharmaceutics</i> , 2021, 597, 120238.	5.2	9
113	Human Skin Permeation Enhancement Using PLGA Nanoparticles Is Mediated by Local pH Changes. <i>Pharmaceutics</i> , 2021, 13, 1608.	4.5	9
114	Quantitative measurement of chromium's ability to promote adhesion. <i>Journal of Adhesion</i> , 2003, 79, 597-607.	3.0	8
115	Characterization of uniform ultrathin layer for z-response measurements in three-dimensional section fluorescence microscopy. <i>Journal of Microscopy</i> , 2007, 225, 88-95.	1.8	8
116	Synthesis and characterization of superparamagnetic nanoparticles coated with fluorescent gold nanoclusters. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	1.9	8
117	Influence of different stabilizers on the encapsulation of desmopressin acetate into PLGA nanoparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 118, 48-55.	4.3	8
118	Multiphoton excitation and photodynamic activity of macromolecular derivatized mTHPC. , 2000, 3909, 60.		7
119	Biological barriers – A need for novel tools in nanotoxicology and nanomedicine. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 77, 337.	4.3	7
120	Combining cryo-TEM and energy-filtered TEM for imaging organic core-shell nanoparticles and defining the polymer distribution. <i>International Journal of Pharmaceutics</i> , 2019, 570, 118650.	5.2	7
121	siRNA delivery to macrophages using aspherical, nanostructured microparticles as delivery system for pulmonary administration. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 158, 284-293.	4.3	7
122	Inhalable Antibiotic Nanoformulations for the Treatment of Pseudomonas Aeruginosa Infection in Cystic Fibrosis – A Review. <i>Drug Delivery Letters</i> , 2014, 4, 193-207.	0.5	7
123	Two-Photon Excitation Fluorescence Microscopy. , 2007, , 751-789.		6
124	Nanoprecipitation versus two step desolvation technique for the preparation of gelatin nanoparticles. , 2013, , .		6
125	Interaction of surfactant coated PLGA nanoparticles with in vitro human brain-like endothelial cells. <i>International Journal of Pharmaceutics</i> , 2022, 621, 121780.	5.2	6
126	Towards a Continuous Manufacturing Process of Protein-Loaded Polymeric Nanoparticle Powders. <i>AAPS PharmSciTech</i> , 2020, 21, 269.	3.3	5



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127	Enhanced intraperitoneal delivery of charged, aerosolized curcumin nanoparticles by electrostatic precipitation. <i>Nanomedicine</i> , 2021, 16, 109-120.	3.3	5
128	Pulmonary in vitro instruments for the replacement of animal experiments. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 168, 62-75.	4.3	5
129	A comparison of acyl-moieties for noncovalent functionalization of PLGA and PEG-PLGA nanoparticles with a cell-penetrating peptide. <i>RSC Advances</i> , 2021, 11, 36116-36124.	3.6	5
130	Formulation attributes, acid tunable degradability and cellular interaction of acetalated maltodextrin nanoparticles. <i>Carbohydrate Polymers</i> , 2022, 288, 119378.	10.2	5
131	Silica nanoparticles of microrods enter lung epithelial cells. <i>Biomedical Reports</i> , 2018, 9, 156-160.	2.0	4
132	In Vitro, Ex Vivo, and In Vivo Evaluation of Nanoparticle-Based Topical Formulation Against <i>Candida albicans</i> Infection. <i>Frontiers in Pharmacology</i> , 0, 13, .	3.5	4
133	Nanosizing Nigella: A Cool Alternative to Liberate Biological Activity. <i>Current Nutraceuticals</i> , 2021, 2, 37-46.	0.1	3
134	Multiphoton versus single-photon excitation of photosensitizers for laser-induced fluorescence diagnosis and photodynamic therapy of cancer cells. , 2001, 4262, 259.		2
135	Towards a versatile technique for tracking nanoparticle-mucus interaction: a step on the road. <i>Proceedings of SPIE</i> , 2014, , .	0.8	2
136	Biological barriers “ Advanced drug delivery, in vitro modelling, and their implications for infection research. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 95, 1-2.	4.3	2
137	Stability of various PLGA and lipid nanoparticles in temperature and in time and new technology for the preparation of liposomes for anticancer and antibiotic loading. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 139, 1131-1140.	3.6	2
138	Laser Scanning Microscopy Approach for Semiquantitation of In Vitro Dermal Particle Penetration. <i>Methods in Molecular Biology</i> , 2013, 961, 151-164.	0.9	2
139	Incredible edible selenium nanoparticles produced by food-grade microorganisms. <i>Current Nutraceuticals</i> , 2020, 01, .	0.1	2
140	T2P-GFP: two-photon photoactivation of PA-GFP in the 720-840 nm spectral region.. , 2006, 6089, 175.		1
141	Nano-structured microparticles for inhalation. , 2020, , 119-160.		1
142	TRANSPORT ACROSS BIOLOGICAL BARRIERS. , 0, , 39-66.		1
143	Insights Into Interactions of Gold Nanoparticles With the Skin and Potential Dermatological Applications. , 2016, , 99-113.		0
144	Barriers and motivations for non-invasive drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 118, 1-2.	4.3	0

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145	Editorial to "Biological Barriers to Drug Delivery"™. Advanced Drug Delivery Reviews, 2021, 177, 113963.	13.7	0
146	Multiphoton Microscopy for the Investigation of trans-cutaneous drug delivery. , 2007, , .		0
147	A precise nanoparticle quantification approach using microfluidics and single-particle tracking. Journal of Drug Delivery Science and Technology, 2022, 75, 103579.	3.0	0