Abdelhamid Elaissari

List of Publications by Citations

307 papers	11,156 citations	50 h-index	94 g-index
328 ext. papers	12,740 ext. citations	4.4 avg, IF	6.72 L-index

#	Paper	IF	Citations
307	Polymer-based nanocapsules for drug delivery. *International Journal of Pharmaceutics*, **2010**, 385, 113-42	6.5	1202
306	Essential oils: from extraction to encapsulation. *International Journal of Pharmaceutics*, **2015**, 483, 220-43	6.5	473
305	Stimuli-responsive magnetic particles for biomedical applications. *International Journal of Pharmaceutics*, **2011**, 403, 139-61	6.5	354
304	Gene therapy and DNA delivery systems. *International Journal of Pharmaceutics*, **2014**, 459, 70-83	6.5	311
303	Theranostic applications of nanoparticles in cancer. *Drug Discovery Today*, **2012**, 17, 928-34	8.8	292
302	Hydrophilic magnetic polymer latexes. 1. Adsorption of magnetic iron oxide nanoparticles onto various cationic latexes. *Colloid and Polymer Science*, **1999**, 277, 846-855	2.4	257
301	Nanoprecipitation process: From encapsulation to drug delivery. *International Journal of Pharmaceutics*, **2017**, 532, 66-81	6.5	248
300	Double emulsion solvent evaporation techniques used for drug encapsulation. *International Journal of Pharmaceutics*, **2015**, 496, 173-90	6.5	237
299	Silica-based nanoparticles for biomedical applications. *Drug Discovery Today*, **2012**, 17, 1147-54	8.8	210
298	Lipid nanocarriers as skin drug delivery systems: Properties, mechanisms of skin interactions and medical applications. *International Journal of Pharmaceutics*, **2018**, 535, 1-17	6.5	200
297	Protein-based nanoparticles: From preparation to encapsulation of active molecules. *International Journal of Pharmaceutics*, **2017**, 522, 172-197	6.5	192
296	Ethanol injection method for hydrophilic and lipophilic drug-loaded liposome preparation. *Journal of Liposome Research*, **2010**, 20, 228-43	6.1	192
295	Influence of process and formulation parameters on the formation of submicron particles by solvent displacement and emulsification-diffusion methods critical comparison. *Advances in Colloid and Interface Science*, **2011**, 163, 90-122	14.3	186
294	Preparation of magnetic polymeric particles via inverse microemulsion polymerization process. *Journal of Magnetism and Magnetic Materials*, **2003**, 257, 69-78	2.8	176
293	Janus colloidal particles: preparation, properties, and biomedical applications. *ACS Applied Materials & Interfaces*, **2013**, 5, 1857-69	9.5	167
292	Carbon nanotubes from synthesis to in vivo biomedical applications. *International Journal of Pharmaceutics*, **2016**, 501, 278-99	6.5	147
291	Magnetic nanoparticles: In vivo cancer diagnosis and therapy. *International Journal of Pharmaceutics* , **2015**, 493, 313-27	6.5	129

290	Synthesis of quantum dot-tagged submicrometer polystyrene particles by miniemulsion polymerization. *Langmuir*, **2006**, 22, 1810-6	4	122
289	Highly magnetic latexes from submicrometer oil in water ferrofluid emulsions. *Journal of Polymer Science Part A*, **2006**, 44, 2642-2656	2.5	103
288	Cationic and anionic poly(N-isopropylacrylamide) based submicron gel particles: electrokinetic properties and colloidal stability. *Journal of Physical Chemistry B*, **2006**, 110, 4629-36	3.4	99
287	Cationic amino-containing N-isopropyl- acrylamide-styrene copolymer particles: 2-surface and colloidal characteristics. *Colloid and Polymer Science*, **1998**, 276, 920-929	2.4	93
286	Individual inorganic nanoparticles: preparation, functionalization and in vitro biomedical diagnostic applications. *Journal of Materials Chemistry B*, **2013**, 1, 1381-1396	7.3	91
285	Preparation of Janus colloidal particles via Pickering emulsion: An overview. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2013**, 439, 35-42	5.1	88
284	Adsorption of Single-Stranded DNA Fragments onto Cationic Aminated Latex Particles. *Langmuir*, **1997**, 13, 701-707	4	87
283	Characterization of cross-linked poly(N-isopropylmethacrylamide) microgel latexes. *Colloid and Polymer Science*, **1999**, 277, 905-913	2.4	87
282	Adsorption of Modified HIV-1 Capsid p24 Protein onto Thermosensitive and Cationic Core−Shell Poly(styrene)−Poly(N-isopropylacrylamide) Particles. *Langmuir*, **2000**, 16, 9002-9008	4	83
281	Adsorption−desorption processes in charged polymer/colloid systems; structural relaxation of adsorbed macromolecules. *Journal of Colloid and Interface Science*, **1990**, 138, 187-194	9.3	80
280	Preparation and characterization of cationic poly(n-isopropylacrylamide) copolymer latexes. *Polymers for Advanced Technologies*, **1995**, 6, 489-496	3.2	79
279	Magnetic particles: From preparation to lab-on-a-chip, biosensors, microsystems and microfluidics applications. *TrAC - Trends in Analytical Chemistry*, **2016**, 79, 344-362	14.6	78
278	Hydrophilic magnetic polymer latexes. 2. Encapsulation of adsorbed iron oxide nanoparticles. *Colloid and Polymer Science*, **1999**, 277, 1041-1050	2.4	78
277	Freeze-drying of emulsified systems: A review. *International Journal of Pharmaceutics*, **2016**, 503, 102-114	6.5	77
276	Electrokinetic Properties and Colloidal Stability of Cationic Amino-Containing N-Isopropylacrylamide−Styrene Copolymer Particles Bearing Different Shell Structures. *Langmuir*, **1998**, 14, 5062-5069	4	75
275	Polymer encapsulation of inorganic nanoparticles for biomedical applications. *International Journal of Pharmaceutics*, **2013**, 458, 230-41	6.5	69
274	Preparation and characterization of poly (N-isopropylacrylamide-co-dimethylaminoethyl methacrylate) microgel latexes. *Colloid and Polymer Science*, **2002**, 280, 1-6	2.4	68
273	Cyclodextrin containing biodegradable particles: from preparation to drug delivery applications. *International Journal of Pharmaceutics*, **2014**, 461, 351-66	6.5	67

272	Administration strategies for proteins and peptides. *International Journal of Pharmaceutics*, **2014**, 477, 578-89	6.5	67
271	Emulsifier-free emulsion copolymerization of styrene with two different amino-containing monomers: II. Surface and colloidal characterization. *Journal of Applied Polymer Science*, **1997**, 65, 2331-2342	2.9	62
270	Thermosensitive magnetic latex particles for controlling protein adsorption and desorption. *Journal of Magnetism and Magnetic Materials*, **2001**, 225, 151-155	2.8	61
269	Encapsulation of NSAIDs for inflammation management: Overview, progress, challenges and prospects. *International Journal of Pharmaceutics*, **2016**, 515, 757-773	6.5	60
268	Nanocapsules prepared via nanoprecipitation and emulsification-diffusion methods: comparative study. *European Journal of Pharmaceutics and Biopharmaceutics*, **2012**, 80, 235-9	5.7	57
267	Lipid-based carriers: manufacturing and applications for pulmonary route. *Expert Opinion on Drug Delivery*, **2012**, 9, 1111-27	8	55
266	Encapsulation of Essential Oils via Nanoprecipitation Process: Overview, Progress, Challenges and Prospects. *Pharmaceutics*, **2020**, 12,	6.4	53
265	Magnetic Fe2O3-polystyrene/PPy core/shell particles: bioreactivity and self-assembly. *Langmuir*, **2007**, 23, 10940-9	4	53
264	Hofmeister effects on poly(NIPAM) microgel particles: macroscopic evidence of ion adsorption and changes in water structure. *ChemPhysChem*, **2007**, 8, 148-56	3.2	53
263	Protein-Based Nanoparticle Preparation via Nanoprecipitation Method. *Materials*, **2018**, 11,	3.5	52
262	Anisotropic magnetic microparticles from ferrofluid emulsion. *Soft Matter*, **2011**, 7, 1483-1490	3.6	52
261	Surface modification of polystyrene latex particles via atom transfer radical polymerization. *Journal of Polymer Science Part A*, **2002**, 40, 892-900	2.5	51
260	Poly(d,l-lactic acid) nanoparticle preparation and colloidal characterization. *Colloid and Polymer Science*, **2003**, 281, 1184-1190	2.4	51
259	Advances in psoriasis physiopathology and treatments: Up to date of mechanistic insights and perspectives of novel therapies based on innovative skin drug delivery systems (ISDDS). *Journal of Controlled Release*, **2016**, 239, 182-202	11.7	51
258	Highly temperature responsive core-shell magnetic particles: synthesis, characterization and colloidal properties. *Journal of Colloid and Interface Science*, **2011**, 360, 556-64	9.3	50
257	Surface modification of iron oxide nanoparticles by a phosphate-based macromonomer and further encapsulation into submicrometer polystyrene particles by miniemulsion polymerization. *Journal of Polymer Science Part A*, **2008**, 46, 327-340	2.5	50
256	Synthesis of cationic poly(methyl methacrylate)-poly(N-isopropyl acrylamide) core-shell latexes via two-stage emulsion copolymerization. *Polymer*, **2005**, 46, 1181-1188	3.9	49
255	Modified double emulsion process as a new route to prepare submicron biodegradable magnetic/polycaprolactone particles for in vivo theranostics. *Soft Matter*, **2012**, 8, 2554	3.6	48

254	Multi-Stimuli Responsive Magnetic Core‐Shell Particles: Synthesis, Characterization and Specific RNA Recognition. *Journal of Colloid Science and Biotechnology*, **2012**, 1, 3-15		45
253	Cyclodextrin-membrane interaction in drug delivery and membrane structure maintenance. *International Journal of Pharmaceutics*, **2019**, 564, 59-76	6.5	44
252	Plant extracts: from encapsulation to application. *Expert Opinion on Drug Delivery*, **2016**, 13, 1165-75	8	44
251	Temperature and magnetic dual responsive microparticles for DNA separation. *Separation and Purification Technology*, **2011**, 81, 286-294	8.3	43
250	Preparation and characterization of cationic polystyrene latex particles of different aminated surface charges. *Polymers for Advanced Technologies*, **1995**, 6, 480-488	3.2	43
249	Polycaprolactone Based Nanoparticles Loaded with Indomethacin for Anti-Inflammatory Therapy: From Preparation to Ex Vivo Study. *Pharmaceutical Research*, **2017**, 34, 1773-1783	4.5	41
248	Multifunctional Fluorescent-Magnetic Polymeric Colloidal Particles: Preparations and Bioanalytical Applications. *ACS Applied Materials & Interfaces*, **2015**, 7, 23373-86	9.5	41
247	Drug carriers in osteoporosis: preparation, drug encapsulation and applications. *International Journal of Pharmaceutics*, **2013**, 445, 181-95	6.5	41
246	New findings on the incorporation of essential oil components into liposomes composed of lipoid S100 and cholesterol. *International Journal of Pharmaceutics*, **2019**, 561, 161-170	6.5	40
245	Conformation of weakly charged polyelectrolytes at a solid‐liquid interface. *Journal of Chemical Physics*, **1991**, 94, 6873-6878	3.9	40
244	Thermally-Sensitive and Magnetic Poly(N-Vinylcaprolactam)-Based Nanogels by Inverse Miniemulsion Polymerization. *Journal of Colloid Science and Biotechnology*, **2012**, 1, 99-112		40
243	A versatile method for the preparation of rigid submicron hollow capsules containing a temperature responsive shell. *Journal of Materials Chemistry*, **2012**, 22, 1173-1179		39
242	Synthesis of biocompatible and thermally sensitive poly(N-vinylcaprolactam) nanogels via inverse miniemulsion polymerization: Effect of the surfactant concentration. *Journal of Polymer Science Part A*, **2010**, 48, 3932-3941	2.5	39
241	Magnetic colloids for the generic capture of viruses. *Analytical Biochemistry*, **2005**, 346, 59-68	3.1	39
240	Hydrophilic and cationic latex particles for the specific extraction of nucleic acids. *Journal of Biomaterials Science, Polymer Edition*, **1999**, 10, 403-20	3.5	39
239	Effect of process and formulation parameters on polycaprolactone nanoparticles prepared by solvent displacement. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2017**, 516, 238-244	5.1	38
238	Preparation of gold nanoparticles and determination of their particles size via different methods. *Materials Research Bulletin*, **2016**, 79, 97-104	5.1	38
237	Polyelectrolyte induced aggregation of latex particles: Influence of the structural relaxation of adsorbed macromolecules on the colloid aggregation mode. *Journal of Colloid and Interface Science* , **1991**, 141, 522-533	9.3	38

236	Enhancement of alendronate encapsulation in chitosan nanoparticles. *Journal of Drug Delivery Science and Technology*, **2015**, 30, 391-396	4.5	37
235	Effects of process parameters on the colloidal properties of polycaprolactone microparticles prepared by double emulsion like process. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2014**, 445, 79-91	5.1	37
234	Aminodextran containing magnetite nanoparticles for molecular biology applications: preparation and evaluation. *Journal of Biomedical Nanotechnology*, **2009**, 5, 172-81	4	37
233	Assessment methods of inhaled aerosols: technical aspects and applications. *Expert Opinion on Drug Delivery*, **2009**, 6, 941-59	8	37
232	Structure of Adsorbed and Grafted Single-Stranded DNA Fragments on Aminated Latex Particles: A Small-Angle Neutron Scattering Study. *Langmuir*, **2000**, 16, 1261-1269	4	37
231	Development and application of a novel electrochemical immunosensor for tetracycline screening in honey using a fully integrated electrochemical Bio-MEMS. *Biosensors and Bioelectronics*, **2019**, 130, 330-337	11.8	37
230	Edible Polymers for Essential Oils Encapsulation: Application in Food Preservation. *Industrial & Engineering Chemistry Research*, **2019**, 58, 20932-20945	3.9	36
229	Preparation of biodegradable PCL particles via double emulsion evaporation method using ultrasound technique. *Colloid and Polymer Science*, **2015**, 293, 861-873	2.4	36
228	The effect of acrylic acid amount on the colloidal properties of polystyrene latex. *Colloid and Polymer Science*, **2005**, 284, 183-191	2.4	36
227	Adsorption of oligonucleotides onto negatively and positively charged latex particles. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **1994**, 83, 25-31	5.1	36
226	Kinetics of exchange processes in the adsorption of proteins on solid surfaces. *Proceedings of the National Academy of Sciences of the United States of America*, **1994**, 91, 7330-4	11.5	36
225	Nanoprecipitation Process: From Particle Preparation to In Vivo Applications **2016**, 17-53		36
224	pH-sensitive polymers: Classification and some fine potential applications. *Polymers for Advanced Technologies*, **2021**, 32, 1455-1484	3.2	35
223	Targeted delivery of poly (methyl methacrylate) particles in colon cancer cells selectively attenuates cancer cell proliferation. *Artificial Cells, Nanomedicine and Biotechnology*, **2019**, 47, 1533-1542	6.1	34
222	Adsorption of bovine serum albumin protein onto amino-containing thermosensitive core-shell latexes. *Polymer International*, **2004**, 53, 618-626	3.3	33
221	Encapsulation of alendronate sodium by nanoprecipitation and double emulsion: From preparation to in vitro studies. *Industrial Crops and Products*, **2015**, 72, 24-33	5.9	32
220	Beclomethasone-loaded lipidic nanocarriers for pulmonary drug delivery: preparation, characterization and in vitro drug release. *Journal of Nanoscience and Nanotechnology*, **2011**, 11, 1841-51	1.3	32
219	Fluorescent-magnetic Janus particles prepared via seed emulsion polymerization. *Journal of Colloid and Interface Science*, **2014**, 424, 98-103	9.3	31

218	Void closure and interdiffusion processes during latex film formation from surfactant-free polystyrene particles: a fluorescence study. *Journal of Colloid and Interface Science*, **2003**, 263, 674-83	9.3	30
217	Triazole containing magnetic core-silica shell nanoparticles for Pb2+, Cu2+ and Zn2+ removal. *Arabian Journal of Chemistry*, **2017**, 10, 1039-1051	5.9	29
216	Carboxylic acid-functionalized, core–shell polystyrene@polypyrrole microspheres as platforms for the attachment of CdS nanoparticles. *Polymer*, **2010**, 51, 2825-2835	3.9	29
215	Detection of malaria infection via latex agglutination assay. *Analytical Chemistry*, **2007**, 79, 4690-5	7.8	29
214	Preparation and biomedical application of layer-by-layer encapsulated oil in water magnetic emulsion. *Journal of Magnetism and Magnetic Materials*, **2005**, 293, 171-176	2.8	29
213	Polyelectrolyte adsorption at solid/liquid interfaces: A simple model for the structural relaxation and excluded area effects. *Journal of Colloid and Interface Science*, **1991**, 143, 85-91	9.3	29
212	Biodegradable Ingredient-Based Emulgel Loaded with Ketoprofen Nanoparticles. *AAPS PharmSciTech*, **2018**, 19, 1869-1881	3.9	28
211	Functionalization of poly(N-ethylmethacrylamide) thermosensitive particles by phenylboronic acid. *Colloid and Polymer Science*, **2002**, 280, 637-646	2.4	28
210	Colloidal and Physicochemical Characterization of Highly Magnetic O/W Magnetic Emulsions. *Journal of Dispersion Science and Technology*, **2003**, 24, 821-832	1.5	28
209	Elaboration of fluorescent and highly magnetic submicronic polymer particles via a stepwise heterocoagulation process. *Colloid and Polymer Science*, **2005**, 283, 1267-1277	2.4	28
208	Poly (ε-caprolactone) nanoparticles loaded with indomethacin and Nigella Sativa L. essential oil for the topical treatment of inflammation. *Journal of Drug Delivery Science and Technology*, **2018**, 46, 234-242	4.5	28
207	Preparation of liposomes: A comparative study between the double solvent displacement and the conventional ethanol injection from laboratory scale to large scale. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2017**, 524, 71-78	5.1	27
206	Essential Oils-Loaded Polymer Particles: Preparation, Characterization and Antimicrobial Property. *Polymers*, **2019**, 11,	4.5	27
205	Morphology control of magnetic latex particles prepared from oil in water ferrofluid emulsion. *Colloid and Polymer Science*, **2013**, 291, 193-203	2.4	27
204	Activity, conformation and dynamics of cutinase adsorbed on poly(methyl methacrylate) latex particles. *Journal of Biotechnology*, **2003**, 102, 241-9	3.7	27
203	Thermally sensitive reversible microgels formed by poly(N-Isopropylacrylamide) charged chains: a Hofmeister effect study. *Journal of Colloid and Interface Science*, **2014**, 426, 300-7	9.3	26
202	Nucleic acid sample preparation for in vitro molecular diagnosis: from conventional techniques to biotechnology. *Drug Discovery Today*, **2012**, 17, 1199-207	8.8	26
201	Reactive magnetic poly(divinylbenzene-co-glycidyl methacrylate) colloidal particles for specific antigen detection using microcontact printing technique. *Acta Biomaterialia*, **2013**, 9, 5573-82	10.8	26

200	Study of the effect of formulation parameters/variables to control the nanoencapsulation of hydrophilic drug via double emulsion technique. *Journal of Biomedical Nanotechnology*, **2011**, 7, 255-62	4	26
199	Functionalized Thermosensitive Latex Particles: Useful Tools for Diagnostics. *Journal of Dispersion Science and Technology*, **2003**, 24, 423-437	1.5	26
198	Environmental and Genetic Factors in Autism Spectrum Disorders: Special Emphasis on Data from Arabian Studies. *International Journal of Environmental Research and Public Health*, **2019**, 16,	4.6	25
197	Amphotericin B Loaded Polymeric Nanoparticles for Treatment of Infections. *Nanomaterials*, **2020**, 10,	5.4	25
196	Comparative study of conductometric glucose biosensor based on gold and on magnetic nanoparticles. *Materials Science and Engineering C*, **2013**, 33, 298-303	8.3	25
195	Electrokinetic properties of bare or nanoparticle-functionalized textile fabrics. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2012**, 397, 24-32	5.1	25
194	Amino-containing magnetic nanoemulsions: elaboration and nucleic acid extraction. *Journal of Magnetism and Magnetic Materials*, **2005**, 295, 155-163	2.8	25
193	Elaboration of Argan Oil Nanocapsules Containing Naproxen for Cosmetic and Transdermal Local Application. *Journal of Colloid Science and Biotechnology*, **2012**, 1, 218-224		25
192	Anisotropic janus magnetic polymeric nanoparticles prepared via miniemulsion polymerization. *Journal of Polymer Science Part A*, **2013**, 51, 4779-4785	2.5	24
191	Organic□horganic Hybrid Magnetic Latex. *Advances in Polymer Science*, **2010**, 237-281	1.3	24
190	Poly(N-ethylmethacrylamide) thermally-sensitive microgel latexes: effect of the nature of the crosslinker on the polymerization kinetics and physicochemical properties. *Comptes Rendus Chimie*, **2003**, 6, 1417-1424	2.7	24
189	Ultrasensitive Immunosensor Array for TNF-□Detection in Artificial Saliva using Polymer-Coated Magnetic Microparticles onto Screen-Printed Gold Electrode. *Sensors*, **2019**, 19,	3.8	24
188	Incorporation of iron oxide nanoparticles into temperature-responsive poly (N-isopropylacrylamide-co-acrylic acid) P (NIPAAm-AA) polymer hydrogel. *Journal of Polymer Research*, **2015**, 22, 1	2.7	23
187	Effect of Triton X-405 on the Adsorption and Desorption of Single-Stranded DNA Fragments onto Positively Charged Latex Particles. *Langmuir*, **1997**, 13, 7021-7029	4	23
186	Surface functionalization of oil-in-water nanoemulsion with a reactive copolymer: colloidal characterization and peptide immobilization. *Colloids and Surfaces B: Biointerfaces*, **2003**, 29, 39-52	6	23
185	Novel strategy for sulfapyridine detection using a fully integrated electrochemical Bio-MEMS: Application to honey analysis. *Biosensors and Bioelectronics*, **2017**, 93, 282-288	11.8	22
184	Facile method for preparation of anisotropic submicron magnetic Janus particles using miniemulsion. *Journal of Colloid and Interface Science*, **2013**, 409, 66-71	9.3	21
183	TGA and magnetization measurements for determination of composition and polymer conversion of magnetic hybrid particles. *Polymers for Advanced Technologies*, **2015**, 26, 1199-1208	3.2	21

182	Ferrofluids: From Preparation to Biomedical Applications. *Journal of Colloid Science and Biotechnology*, **2014**, 3, 3-18		21
181	Surface Sensitization Techniques and Recognition Receptors Immobilization on Biosensors and Microarrays **2010**, 47-134		20
180	Magnetic nanoparticles in microfluidic and sensing: From transport to detection. *Electrophoresis*, **2020**, 41, 1206-1224	3.6	19
179	Submicron magnetic core conducting polypyrrole polymer shell: Preparation and characterization. *Materials Science and Engineering C*, **2016**, 61, 688-94	8.3	19
178	Synthesis and characterization of thermally and glucose-sensitive poly N-vinylcaprolactam-Based microgels. *Journal of Biomedical Nanotechnology*, **2012**, 8, 709-19	4	19
177	Aggregation modes of colloids in the presence of block copolymer micelles. *Journal of Colloid and Interface Science*, **1991**, 143, 343-355	9.3	19
176	Improvement of skin whitening agents efficiency through encapsulation: Current state of knowledge. *International Journal of Pharmaceutics*, **2017**, 526, 50-68	6.5	18
175	Magnetic particles for in vitro molecular diagnosis: From sample preparation to integration into microsystems. *Colloids and Surfaces B: Biointerfaces*, **2017**, 158, 1-8	6	18
174	Fractal dimensions of latex aggregates: Correlation between hydrodynamic radius and cluster size. *Journal of Colloid and Interface Science*, **1990**, 140, 98-104	9.3	18
173	Smart Magnetically Engineering Colloids and Biothin Films for Diagnostics Applications. *Journal of Colloid Science and Biotechnology*, **2013**, 2, 19-26		18
172	Biodegradable Polymer Based Nanoparticles: Dermal and Transdermal Drug Delivery. *Journal of Colloid Science and Biotechnology*, **2014**, 3, 141-149		18
171	Fabrication of biocompatible and stimuli-responsive hybrid microgels with magnetic properties via aqueous precipitation polymerization. *Materials Letters*, **2016**, 175, 296-299	3.3	18
170	Elaboration of hydrophilic aminodextran containing submicron magnetic latex particles. *Colloid and Polymer Science*, **2009**, 287, 287-297	2.4	17
169	Salt effects in the cononsolvency of poly(N-isopropylacrylamide) microgels. *ChemPhysChem*, **2010**, 11, 188-94	3.2	17
168	Preparation of thermosensitive latexes by copolymerization of N-isopropylmethacrylamide with a chelating monomer. *Macromolecular Symposia*, **2000**, 150, 297-303	0.8	17
167	Adsorption of bovine serum albumin onto amphiphilic acrylic acid copolymer-stabilized polystyrene latex particles. *Colloids and Surfaces B: Biointerfaces*, **1993**, 1, 97-106	6	17
166	Synthesis and characterization of stable aqueous dispersion of functionalized double-coated iron oxide nanoparticles. *Materials Letters*, **2015**, 160, 522-525	3.3	16
165	Electrostatically driven immobilization of peptides onto (Maleic anhydride-alt-methyl vinyl ether) copolymers in aqueous media. *Bioconjugate Chemistry*, **2000**, 11, 146-52	6.3	16

164	Stimuli-Responsive and Biocompatible Poly(N-vinylcaprolactam-co-acrylic acid)-Coated Iron Oxide Nanoparticles by Nanoprecipitation Technique. *Journal of Colloid Science and Biotechnology*, **2013**, 2, 180-194		16
163	Magnetic Nanoparticles: From Synthesis to Theranostic Applications. *ACS Applied Nano Materials*, **2021**, 4, 4284-4306	5.6	16
162	Novel polymerizable surfactants: synthesis and application in the emulsion polymerization of styrene. *Polymer Journal*, **2010**, 42, 401-405	2.7	15
161	Microencapsulation of cytarabine using poly(ethylene glycol)-poly(epsilon-caprolactone) diblock copolymers as surfactant agents. *Drug Development and Industrial Pharmacy*, **2010**, 36, 456-69	3.6	15
160	Thermally Sensitive Colloidal Particles: From Preparation to Biomedical Applications **2006**, 9-14		15
159	Polyelectrolyte functionalized magnetic emulsion for specific isolation of nucleic acids. *Colloids and Surfaces B: Biointerfaces*, **2006**, 53, 78-86	6	15
158	Polymer mediated peptide immobilization onto amino-containing N-isopropylacrylamide-styrene core-shell particles. *Colloid and Polymer Science*, **2004**, 282, 215-222	2.4	15
157	Biorelevant Latexes and Microgels for the Interaction with Nucleic Acids. *Topics in Current Chemistry*, **2003**, 169-193		15
156	Surface functionalization of polystyrene latex particles with a liposaccharide monomer. *Polymers for Advanced Technologies*, **1995**, 6, 455-464	3.2	15
155	Nanoencapsulation of Essential Oils as Natural Food Antimicrobial Agents: An Overview. *Applied Sciences (Switzerland)*, **2021**, 11, 5778	2.6	15
154	Magnetic and pH-responsive magnetic nanocarriers **2019**, 37-85		14
153	Biodegradable microparticles preparation by double emulsification solvent extraction method: A Systematic study. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2016**, 492, 213-229	5.1	14
152	Elaboration of perfect core-shell submicronic magnetic latexes from oil in water ferrofluid droplets for bionanotechnology applications. *Materials Science and Engineering C*, **2009**, 29, 624-630	8.3	14
151	Fluorescent Colloidal Particles as Detection Tools in Biotechnology Systems133-168		14
150	Colloid aggregation in the presence of polymers. Effects of mobility and reactivity of clusters on the flocculation kinetics. *Journal of Chemical Physics*, **1991**, 95, 2919-2926	3.9	14
149	Magnetic monolithic polymers prepared from high internal phase emulsions and Fe3O4 triazole-functionalized nanoparticles for Pb2+, Cu2+ and Zn2+ removal. *Reactive and Functional Polymers*, **2020**, 155, 104693	4.6	14
148	Plant oils: From chemical composition to encapsulated form use. *International Journal of Pharmaceutics*, **2021**, 601, 120538	6.5	14
147	Biocompatible and multi-responsive poly(N-vinylcaprolactam)-based microgels: The role of acidic comonomers in the colloidal properties and phase transition as a function of temperature and pH. *European Polymer Journal*, **2015**, 73, 191-201	5.2	13

146	Liposomal membrane permeability assessment by fluorescence techniques: Main permeabilizing agents, applications and challenges. *International Journal of Pharmaceutics*, **2020**, 580, 119198	6.5	13
145	Aminodextran-coated potassium niobate (KNbO3) nanocrystals for second harmonic bio-imaging. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2013**, 439, 131-137	5.1	13
144	Magnetic Latex Particles in Nanobiotechnologies for Biomedical Diagnostic Applications: State of the Art. *Macromolecular Symposia*, **2009**, 281, 14-19	0.8	13
143	Development of an ImmunoFET for Analysis of Tumour Necrosis Factor-α in Artificial Saliva: Application for Heart Failure Monitoring. *Chemosensors*, **2021**, 9, 26	4	13
142	In vitro MRI of biodegradable hybrid (iron oxide/polycaprolactone) magnetic nanoparticles prepared via modified double emulsion evaporation mechanism. *Colloids and Surfaces B: Biointerfaces*, **2015**, 130, 264-71	6	12
141	Quantum dots encapsulated with curcumin inhibit the growth of colon cancer, breast cancer and bacterial cells. *Nanomedicine*, **2020**, 15, 969-980	5.6	12
140	SHG Active Fe(IO3)3 Particles: From Spherical Nanocrystals to Urchin-Like Microstructures through the Additive-Mediated Microemulsion Route. *Crystal Growth and Design*, **2012**, 12, 5387-5395	3.5	12
139	Capture of enveloped viruses using polymer tentacles containing magnetic latex particles. *Journal of Biomedical Nanotechnology*, **2010**, 6, 28-36	4	12
138	Reactive and Highly Submicron Magnetic Latexes for Bionanotechnology Applications. *Macromolecular Symposia*, **2010**, 288, 115-120	0.8	12
137	Loading and Release Studies of Proteins Using Poly(N-isopropylacrylamide) Based Nanogels. *Journal of Biomedical Nanotechnology*, **2006**, 2, 208-216	4	12
136	Synthesis of Polystyrene/Hydrophobic SiO2 Composite Particles via Oil-in-Water Pickering Emulsion Polymerization. *Polymer Engineering and Science*, **2019**, 59, E195-E199	2.3	12
135	Nanocapsules containing Saussurea lappa essential oil: Formulation, characterization, antidiabetic, anti-cholinesterase and anti-inflammatory potentials. *International Journal of Pharmaceutics*, **2021**, 593, 120138	6.5	12
134	Innovative electrochemical sensor for the precise determination of the new antiviral COVID-19 treatment Favipiravir in the presence of coadministered drugs. *Journal of Electroanalytical Chemistry*, **2021**, 895, 115422	4.1	12
133	Human serum albumin nanoparticles as nanovector carriers for proteins: Application to the antibacterial proteins "neutrophil elastase" and "secretory leukocyte protease inhibitor". *International Journal of Pharmaceutics*, **2020**, 579, 119150	6.5	11
132	Pharmacokinetic evaluation of quetiapine fumarate controlled release hybrid hydrogel: a healthier treatment of schizophrenia. *Drug Delivery*, **2018**, 25, 916-927	7	11
131	Acid–Base behavior of a colloidal clays fraction extracted from natural quartz sand: Effect of permanent surface charge. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2009**, 338, 51-60	5.1	11
130	Phase transfer and characterization of poly(epsilon-caprolactone) and poly(L-lactide) microspheres. *Journal of Biomaterials Science, Polymer Edition*, **2000**, 11, 459-80	3.5	11
129	Radical-initiated copolymers of N-vinyl pyrrolidone and N-acryloxy succinimide: kinetic and microstructure studies. *Polymer*, **1996**, 37, 1157-1165	3.9	11

128	Aminodextran Coated CoFeO Nanoparticles for Combined Magnetic Resonance Imaging and Hyperthermia. *Nanomaterials*, **2020**, 10,	5.4	11
127	Drug-in-hydroxypropyl-β-cyclodextrin-in-lipoid S100/cholesterol liposomes: Effect of the characteristics of essential oil components on their encapsulation and release. *International Journal of Pharmaceutics*, **2020**, 579, 119151	6.5	10
126	Submicron silica shell/magnetic core preparation and characterization. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2018**, 537, 318-324	5.1	10
125	Elaboration of Nanoparticles Containing Indomethacin: Argan Oil for Transdermal Local and Cosmetic Application. *Journal of Nanomaterials*, **2015**, 2015, 1-9	3.2	10
124	Film formation from nano-sized polystrene latex covered with various TiO2 layers. *Polymer Composites*, **2006**, 27, 651-659	3	10
123	Film formation from nano-sized polystyrene latex particles. *Polymers for Advanced Technologies*, **2005**, 16, 405-412	3.2	10
122	Functionalized Magnetic Emulsion for Genomic Applications. *Current Organic Chemistry*, **2005**, 9, 1099-1106	1.7	10
121	Development of anti-corrosion coating based on phosphorylated ethyl cellulose microcapsules. *Progress in Organic Coatings*, **2020**, 148, 105885	4.8	10
120	Smart gating porous particles as new carriers for drug delivery. *Advanced Drug Delivery Reviews*, **2021**, 174, 425-446	18.5	10
119	Encapsulation of doxorubicin in magnetic-polymer hybrid colloidal particles of Eudragit E100 and their hyperthermia and drug release studies. *Polymers for Advanced Technologies*, **2020**, 31, 1732-1743	3.2	9
118	Elaboration of ammonio methacrylate copolymer based spongy cationic particles via double emulsion solvent evaporation process. *Materials Science and Engineering C*, **2016**, 61, 85-96	8.3	9
117	Development and in vitro evaluation of cost effective amphotericin B polymeric emulsion. *Journal of Drug Delivery Science and Technology*, **2018**, 46, 66-73	4.5	9
116	New oil-in-water magnetic emulsion as contrast agent for in vivo magnetic resonance imaging (MRI). *Journal of Biomedical Nanotechnology*, **2013**, 9, 1579-85	4	9
115	Preparation and characterization of submicron hybrid magnetic latex particles. *Polymers for Advanced Technologies*, **2015**, 26, 1102-1108	3.2	9
114	Argan oil nanoemulsions as new hydrophobic drug-loaded delivery system for transdermal application. *Journal of Biomedical Nanotechnology*, **2012**, 8, 843-8	4	9
113	Reactive Polymer Based Colloids for Biomedical Applications. *Macromolecular Symposia*, **2005**, 229, 47-55	0.8	9
112	Antimicrobial Activity of Nano-Encapsulated Essential Oils: Comparison to Non-Encapsulated Essential Oils. *Journal of Colloid Science and Biotechnology*, **2015**, 4, 39-48		9
111	Aminodextran polymer-functionalized reactive magnetic emulsions for potential theranostic applications. *Colloids and Surfaces B: Biointerfaces*, **2016**, 145, 373-381	6	9

110	Diclofenac Loaded Lipid Nanovesicles Prepared by Double Solvent Displacement for Skin Drug Delivery. *Pharmaceutical Research*, **2017**, 34, 1908-1924	4.5	8
109	Submicron polycaprolactone particles as a carrier for imaging contrast agent for in vitro applications. *Colloids and Surfaces B: Biointerfaces*, **2015**, 136, 488-95	6	8
108	Surface charge of polymer particles in water: the role of ionic end-groups. *Langmuir*, **2013**, 29, 11244-50	4	8
107	Magnetically engineered smart thin films: toward lab-on-chip ultra-sensitive molecular imaging. *Journal of Biomedical Nanotechnology*, **2013**, 9, 467-74	4	8
106	Synthesis of New Anionic and Cationic Polymerizable Surfactants for Emulsion Polymerization of Styrene. *Macromolecular Symposia*, **2010**, 296, 100-106	0.8	8
105	Particle size effect on the film-forming process of PS/PBA composite latexes. *Polymer Composites*, **2010**, 31, 1637-1652	3	8
104	Effect of thiol-containing monomer on the preparation of temperature-sensitive hydrogel microspheres. *Colloid and Polymer Science*, **2006**, 284, 1287-1292	2.4	8
103	Covalent grafting of polythymidylic acid onto amine-containing polystyrene latex particles. *Journal of Biomaterials Science, Polymer Edition*, **2000**, 11, 931-45	3.5	8
102	Surface Functionalization of Polystyrene Nanoparticles with Liposaccharide Monomers: Preparation, Characterization and Applications. *Journal of Bioactive and Compatible Polymers*, **1999**, 14, 64-90	2	8
101	Structured Magnetic Core/Silica Internal Shell Layer and Protein Out Layer Shell (BSA@SiO2@SME): Preparation and Characterization. *Chemistry Africa*, **2020**, 3, 127-134	2.2	8
100	Development and In Vitro/In Vivo Evaluation of pH-Sensitive Polymeric Nanoparticles Loaded Hydrogel for the Management of Psoriasis.. *Nanomaterials*, **2021**, 11,	5.4	8
99	Protein-Silica Hybrid Submicron Particles: Preparation and Characterization. *Chemistry Africa*, **2020**, 3, 793-801	2.2	7
98	Synthesis and mesomorphic behaviour of unsymmetrical tetracatenar [1,2,3]-triazole derivatives. *Liquid Crystals*, **2016**, 43, 505-516	2.3	7
97	Removal of bisphenol A and some heavy metal ions by polydivinylbenzene magnetic latex particles. *Environmental Science and Pollution Research*, **2016**, 23, 15807-19	5.1	7
96	Polymer particle adsorption at textile/liquid interfaces: a simple approach for a new functionalization route. *Polymer International*, **2012**, 61, 1127-1135	3.3	7
95	Film formation from polystyrene–poly(butyl acrylate-co-methyl methacrylate) latex blends. *Polymer Composites*, **2006**, 27, 431-442	3	7
94	Preparation and characterization of carboxylic-containing poly(methyl methacrylate) nanolatexes. *Colloid and Polymer Science*, **2004**, 282, 661-669	2.4	7
93	Magnetic Nanoadsorbents for Metal Remediation. *Journal of Colloid Science and Biotechnology*, **2016**, 5, 111-133		7

92	Combination of PCR and dual nanoparticles for detection of Plasmodium falciparum. *Colloids and Surfaces B: Biointerfaces*, **2017**, 159, 888-897	6	7
91	Nile Red-Poly(Methyl Methacrylate)/Silica Nanocomposite Particles Increase the Sensitivity of Cervical Cancer Cells to Tamoxifen. *Polymers*, **2020**, 12,	4.5	7
90	Exploiting proteases for cancer theranostic through molecular imaging and drug delivery. *International Journal of Pharmaceutics*, **2020**, 587, 119712	6.5	7
89	The influence of pH, hydrolysis and degree of substitution on the temperature-sensitive properties of polyaspartamides. *Polymer International*, **2019**, 68, 88-93	3.3	7
88	Poly(ethyl acrylate--methyl Methacrylate--trimethylammoniethyl methacrylate chloride) (Eudragit RS100) Nanocapsules as Nanovector Carriers for L. Seeds Oil: a Versatile Antidiabetic Agent. *Biomacromolecules*, **2020**, 21, 4442-4456	6.9	7
87	Multi-step synthesis of core□shell magnetic nanoparticles bearing acid-chelating functional moieties. *Research on Chemical Intermediates*, **2019**, 45, 4847-4861	2.8	6
86	Elaboration of sponge-like particles for textile functionalization and skin penetration. *Colloid and Polymer Science*, **2015**, 293, 2967-2977	2.4	6
85	Hydroxypropyl Methylcellulose-Based Hydrogel Copolymeric for Controlled Delivery of Galantamine Hydrobromide in Dementia. *Processes*, **2020**, 8, 1350	2.9	6
84	Development of a Perchlorate Chemical Sensor Based on Magnetic Nanoparticles and Silicon Nitride Capacitive Transducer. *Electroanalysis*, **2018**, 30, 901-909	3	6
83	Colloidal particles containing labeling agents and cyclodextrins for theranostic applications. *International Journal of Pharmaceutics*, **2014**, 472, 118-29	6.5	6
82	DNA Encapsulation via Double Emulsion Like Process. *Journal of Colloid Science and Biotechnology*, **2013**, 2, 328-333		6
81	pH-Sensitive methacrylic acid□methyl methacrylate copolymer Eudragit L100 and dimethylaminoethyl methacrylate, butyl methacrylate, and methyl methacrylate tri-copolymer Eudragit E100. *Polymers for Advanced Technologies*, **2020**, 31, 440-450	3.2	6
80	A silicon nitride ISFET based immunosensor for tumor necrosis factor-alpha detection in saliva. A promising tool for heart failure monitoring. *Analytica Chimica Acta*, **2021**, 1161, 338468	6.6	6
79	Preparation and Characterization of Poly(methyl methacrylate) Particles by Combined Dispersion and Emulsion Polymerization. *Macromolecular Research*, **2018**, 26, 819-824	1.9	6
78	Effect of secondary polymer on self-precipitation of pH-sensitive polymethylmethacrylate derivatives Eudragit E100 and Eudragit L100. *Polymers for Advanced Technologies*, **2020**, 31, 1270-1279	3.2	5
77	Preparation and Characterization of Albumin-Loaded Polycaprolactone Nanoparticles for In Vivo Applications. *Journal of Colloid Science and Biotechnology*, **2014**, 3, 160-166		5
76	Magnetic Colloidal Particles in Combinatorial Thin-Film Gradients for Magnetic Resonance Imaging and Hyperthermia. *Advances in Polymer Technology*, **2020**, 2020, 1-18	1.9	5
75	Polymethylmethacrylate derivatives Eudragit E100 and L100 : Interactions and complexation with surfactants. *Polymers for Advanced Technologies*, **2021**, 32, 379-390	3.2	5

74	Gd3+ Doped CoFe2O4 Nanoparticles for Targeted Drug Delivery and Magnetic Resonance Imaging. *Magnetochemistry*, **2021**, 7, 47	3.1	5
73	Capacitance Electrochemical pH Sensor Based on Different Hafnium Dioxide (HfO2) Thicknesses. *Chemosensors*, **2021**, 9, 13	4	5
72	Tailoring of carboxyl-decorated magnetic latex particles using seeded emulsion polymerization. *Polymers for Advanced Technologies*, **2017**, 28, 1088-1096	3.2	4
71	Polystyrene latex particles bearing primary amine groups via soap-free emulsion polymerization. *Polymer International*, **2020**, 69, 1038-1044	3.3	4
70	Electrochemical Sensor Based on Thioether Oligomer Poly(N-vinylpyrrolidone)-modified Gold Electrode for Bisphenol A Detection. *Electroanalysis*, **2019**, 31, 2112-2119	3	4
69	Spectroscopic study of film formation from polystyrene latex/TiO2 nanocomposites prepared by dip-coating method. *Polymer Engineering and Science*, **2014**, 54, 288-302	2.3	4
68	Advances in the biomedical applications of reactive colloids. *Brazilian Journal of Physics*, **2009**, 39,	1.2	4
67	Oxygen Diffusion into Polymer-Clay Composite Films as a Function of Clay Content and Temperature. *Macromolecular Symposia*, **2009**, 281, 168-173	0.8	4
66	Oligodeoxyribonucleotide Activation with 2,4-Phenylenediisothiocyanate and Their Covalent Grafting onto Amine-Functionalized Latex Microspheres. *Journal of Dispersion Science and Technology*, **2001**, 22, 473-484	1.5	4
65	Surface Area Exclusion Chromatography of Diblock Copolymers from Micellar Solutions. *Macromolecules*, **1994**, 27, 5277-5284	5.5	4
64	Surface Area Exclusion Chromatography: Influence of Localized and Mobile Adsorption Processes. *Journal of Colloid and Interface Science*, **1995**, 173, 221-230	9.3	4
63	Preparation of Medical Cotton Textile Activated by Thymus leptobotrys Essential Oil Colloidal Particles: Evaluation of Antifungal Properties. *Journal of Colloid Science and Biotechnology*, **2014**, 3, 253-261		4
62	Aminodextran Magnetic Colloidal Particles for Heavy Metals Removal. *Science of Advanced Materials*, **2013**, 5, 854-864	2.3	4
61	Itaconic Acid-Functionalized Magnetic Latex Particles for Pb2+ Removal. *Science of Advanced Materials*, **2015**, 7, 558-570	2.3	4
60	Sponge like microparticles for drug delivery and cosmeto-textile use: Formulation and human skin penetration. *International Journal of Pharmaceutics*, **2017**, 532, 623-634	6.5	4
59	A facile one-pot synthesis of poly(acrylic acid)-functionalized magnetic iron oxide nanoparticles for suppressing reactive oxygen species generation and adsorption of biocatalyst. *Materials Research Express*, **2020**, 7, 016102	1.7	4
58	Magnetic-responsive polysaccharide-inorganic composite materials for cancer therapeutics **2019**, 179-216		3
57	Multistimuli-responsive magnetic assemblies **2019**, 155-193		3

56	Combination of PDMS microfilters and micromixers based on flexible thermoplastic films for size sorting and mixing of microparticles. *Journal of Applied Polymer Science*, **2015**, 132, n/a-n/a	2.9	3
55	Development of Novel Magneto-Biosensor for Sulfapyridine Detection. *Biosensors*, **2020**, 10,	5.9	3
54	Enhanced response of a proteinase K-based conductometric biosensor using nanoparticles. *Sensors*, **2014**, 14, 13298-307	3.8	3
53	Force measurements between emulsion droplets-ssDNA conjugates: a new tool for medical diagnostics. *Journal of Nanoscience and Nanotechnology*, **2006**, 6, 2312-9	1.3	3
52	Preparation and agglutination of immuno-nanolatex for malaria diagnosis. *Journal of Biomedical Nanotechnology*, **2009**, 5, 486-92	4	3
51	Temperature, pH and Diol Tri-Sensing Magnetic Particles for Specific Ribonucleic Acid Recognition. *Journal of Colloid Science and Biotechnology*, **2014**, 3, 46-57		3
50	TOPICAL CO-DELIVERY OF INDOMETHACIN AND NIGELLA SATIVA L. ESSENTIAL OIL IN POLY-?-CAPROLACTONE NANOPARTICLES: IN VIVO STUDY OF ANTI-INFLAMMATORY ACTIVITY.. *International Journal of Advanced Research*, **2018**, 6, 801-816	1.5	3
49	Preparation and Characterization of Glued Corn Flakes-Like Protein-Based Magnetic Particles. *Chemistry Africa*, **2020**, 3, 803-811	2.2	3
48	Reactive Extrusion of Maleic-Anhydride-Grafted Polypropylene by Torque Rheometer and Its Application as Compatibilizer. *Polymers*, **2021**, 13,	4.5	3
47	Development and Use of Polymeric Nanoparticles for the Encapsulation and Administration of Plant Extracts **2018**, 391-463		3
46	Heat-enhancing aggregation of gold nanoparticles combined with loop-mediated isothermal amplification (HAG-LAMP) for Plasmodium falciparum detection. *Journal of Pharmaceutical and Biomedical Analysis*, **2021**, 203, 114178	3.5	3
45	Elaboration of sponge-like biodegradable cationic particles via double-emulsion solvent evaporation. *Journal of Dispersion Science and Technology*, **2017**, 38, 577-583	1.5	2
44	Hydrophilic Submicron Nanogel Particles for Specific Recombinant Proteins Extraction and Purification. *Polymers*, **2020**, 12,	4.5	2
43	Occurrence and Enhanced Removal of Heavy Metals in Industrial Wastewater Treatment Plant Using Coagulation-Flocculation Process. *Advances in Science, Technology and Innovation*, **2018**, 535-538	0.3	2
42	Quantitative Aspect of Fraction before and after Encapsulation in Polymeric Nanoparticles. *Journal of Analytical Methods in Chemistry*, **2017**, 2017, 9086467	2	2
41	Polymerization Kinetics of Microgel Particles **2011**, 33-51		2
40	Elaboration of stimuli responsive core-shell magnetic latexes from oil in water ferrofluid emulsion. *E-Polymers*, **2009**, 9,	2.7	2
39	Thermally Sensitive Latex Particles **2008**, 539-566		2

38	Biofunctionalized Magnetic Micro/Nanoparticles for Biosensing Technologies169-197		2
37	Contribution of magnetic particles in molecular diagnosis of human viruses.. *Talanta*, **2022**, 241, 123243	6.2	2
36	Poly(1,2,3-triazole) Latex Particles: Synthesis and Chelating Properties. *Journal of Colloid Science and Biotechnology*, **2015**, 4, 64-70		2
35	Elaboration of Submicron Particles for Biomedical Imaging and Drug Delivery: Specific Review. *Journal of Colloid Science and Biotechnology*, **2016**, 5, 16-31		2
34	Vancomycin conjugated iron oxide nanoparticles for magnetic targeting and efficient capture of Gram-positive and Gram-negative bacteria.. *RSC Advances*, **2021**, 11, 36319-36328	3.7	2
33	Polysaccharide Chemistry in Drug Delivery, Endocrinology, and Vaccines. *Chemistry - A European Journal*, **2021**, 27, 8437-8451	4.8	2
32	Impact of Poly (Styrene-Acrylic Acid) Latex Nanoparticles on Colorectal and Cervical Cancer Cells. *Polymers*, **2021**, 13,	4.5	2
31	Towards smart self-healing coatings: Advances in micro/nano-encapsulation processes as carriers for anti-corrosion coatings development. *Journal of Molecular Liquids*, **2022**, 354, 118862	6	2
30	Hydrogel Containing Solid Lipid Nanoparticles Loaded with Argan Oil and Simvastatin: Preparation, In Vitro and Ex Vivo Assessment. *Gels*, **2022**, 8, 277	4.2	2
29	1,2,3-triazole functionalized polystyrene and perdeuterated polystyrene chelating latexes. *Colloid and Polymer Science*, **2019**, 297, 1119-1131	2.4	1
28	Poly(p-phenylenediamine)-coated magnetic particles: Preparation and electrochemical properties. *Polymers for Advanced Technologies*, **2019**, 30, 2017-2025	3.2	1
27	Polymer-based nanocontainers for drug delivery **2020**, 271-285		1
26	Enrichment of human V□V□ T lymphocytes by magnetic poly(divinylbenzene--glycidyl methacrylate) colloidal particles conjugated with specific antibody.. *RSC Advances*, **2018**, 8, 14393-14400	3.7	1
25	Carboxylic Magnetic Latex Particles Using Seeded Emulsion Polymerization for Wastewater Treatment. *Advances in Science, Technology and Innovation*, **2018**, 179-182	0.3	1
24	Elaboration of Sterically Stabilized Liposomes for S-Nitrosoglutathione Targeting to Macrophages. *Journal of Biomedical Nanotechnology*, **2016**, 12, 217-30	4	1
23	Novel Strategy for Sulfapyridine Detection Using a Fully Integrated Bio-MEMS: Application to Honey Analysis. *Procedia Technology*, **2017**, 27, 254-255		1
22	Hybrid Fluorescent-Magnetic Polymeric Particles for Biomedical Applications. *Advanced Materials Research*, **2014**, 893, 329-336	0.5	1
21	Self-assembly of amphiphilic poly(styrene--acrylic acid) on magnetic latex particles and their application as a reusable scale inhibitor.. *RSC Advances*, **2020**, 10, 41187-41196	3.7	1

20	A simple in situ synthesis of iron oxide magnetic nanoparticles embedded in thermosensitive polymer for DNA capture. *Journal of Materials Research*, **2020**, 35, 2441-2450	2.5	1
19	Magnetic Nanoparticles Fishing for Biomarkers in Artificial Saliva. *Molecules*, **2020**, 25,	4.8	1
18	Sensor Based on a Poly[2-(Dimethylamino)ethyl Methacrylate--Styrene], Gold Nanoparticles, and Methylene Blue-Modified Glassy Carbon Electrode for Melamine Detection. *Sensors*, **2021**, 21,	3.8	1
17	eHealth system with ISFET-based immunosensor for heart failure biomarker detection in saliva **2021**,		1
16	Electrokinetic properties of bare and particles containing textile. *Polymers for Advanced Technologies*, **2016**, 27, 1637-1641	3.2	1
15	Nanoparticles/nanoplatform to carry and deliver the drug molecules to the target site **2021**, 249-266		1
14	A model of modified -iodobenzylguanidine conjugated gold nanoparticles for neuroblastoma treatment.. *RSC Advances*, **2021**, 11, 25199-25206	3.7	1
13	Encapsulation methods of active molecules for drug delivery **2021**, 289-306		1
12	Poly(styrene-b-acrylic Acid) Nanoparticles with High Magnetic Loading for Magnetic Hyperthermia Cancer Therapy. *ACS Applied Nano Materials*, **2021**, 4, 1841-1848	5.6	1
11	Effect of carrier oil on the properties of sodium caseinate stabilized O/W nanoemulsions containing Trans-cinnamaldehyde. *LWT - Food Science and Technology*, **2021**, 146, 111655	5.4	1
10	Spatially hierarchical nano-architecture for real time detection of Interleukin-8 cancer biomarker.. *Talanta*, **2022**, 246, 123436	6.2	1
9	Food Applications of Nigella sativa Essential Oil. *Food Bioactive Ingredients*, **2021**, 433-455	0.2	0
8	Protein/ Hormone Based Nanoparticles as Carriers for Drugs Targeting Protein-Protein Interactions. *Current Topics in Medicinal Chemistry*, **2019**, 19, 444-456	3	0
7	Liposome Permeability to Essential Oil Components: A Focus on Cholesterol Content. *Journal of Membrane Biology*, **2021**, 254, 381-395	2.3	0
6	Magnetic Polymer Colloids for Ultrasensitive Molecular Imaging **2021**, 135-150		0
5	Evolution in Malaria Disease Detection: From Parasite Visualization to Colloidal-Based Rapid Diagnostic65-93		
4	Force Measurements Between Emulsion Droplets As a New Tool for Medical Diagnostics247-274		
3	Cubic Gold Nanoparticles Synthesis in the Presence of an Thioether Oligomer DDT-Poly(4-Vinylpyridine). *Chemistry Africa*, **2022**, 5, 405	2.2	

2	Low-Cost Magnetic Adsorbents for Water Remediation. *Environmental Science and Engineering*, **2021**, 103-106	0.2
1	Thermally Sensitive Colloidal Particles: From Preparation to Biomedical Applications	9-14