Fuminori Ito

List of Publications by Year
in descending order

30 papers	819 citations	687363 13 h-index	501196 28 g-index
30 all docs	30 docs citations	30 times ranked	965 citing authors

#	Article	IF	Citations
1	Optimum conditions for efficient phagocytosis of rifampicin-loaded PLGA microspheres by alveolar macrophages. Journal of Controlled Release, 2007, 119, 69-76.	9.9	151
2	Efficient intracellular delivery of rifampicin to alveolar macrophages using rifampicin-loaded PLGA microspheres: effects of molecular weight and composition of PLGA on release of rifampicin. Colloids and Surfaces B: Biointerfaces, 2004, 36, 35-42.	5.0	121
3	Preparation and properties of monodispersed rifampicin-loaded poly(lactide-co-glycolide) microspheres. Colloids and Surfaces B: Biointerfaces, 2004, 39, 17-21.	5.0	78
4	Incorporation of water-soluble drugs in PLGA microspheres. Colloids and Surfaces B: Biointerfaces, 2007, 54, 173-178.	5.0	52
5	Selective delivery of rifampicin incorporated into poly(dl-lactic-co-glycolic) acid microspheres after phagocytotic uptake by alveolar macrophages, and the killing effect against intracellular Mycobacterium bovis Calmetteâ€"GuÃ©rin. Microbes and Infection, 2006, 8, 2484-2491.	1.9	51
6	Study of types and mixture ratio of organic solvent used to dissolve polymers for preparation of drug-containing PLGA microspheres. European Polymer Journal, 2009, 45, 658-667.	5.4	49
7	Effect of polyethylene glycol on preparation of rifampicin-loaded PLGA microspheres with membrane emulsification technique. Colloids and Surfaces B: Biointerfaces, 2008, 66, 65-70.	5.0	48
8	Factors affecting the loading efficiency of water-soluble drugs in PLGA microspheres. Colloids and Surfaces B: Biointerfaces, 2008, 61, 25-29.	5.0	44
9	Preparation and properties of PLGA microspheres containing hydrophilic drugs by the SPG (shirasu) Tj ETQq1 1 0.784314 rgBT /Overlo 20-25.	5.0	37
10	Control of drug loading efficiency and drug release behavior in preparation of hydrophilic-drug-containing monodisperse PLGA microspheres. Journal of Materials Science: Materials in Medicine, 2010, 21, 1563-1571.	3.6	20
11	Facile technique for preparing organicâ€"inorganic composite particles: Monodisperse poly(lactide-co-glycolide) (PLGA) particles having silica nanoparticles on the surface. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2010, 361, 109-117.	4.7	20
12	Development of high-performance polymer membranes for CO2 separation by combining functionalities of polyvinyl alcohol (PVA) and sodium polyacrylate (PAANa). Journal of Polymer Research, 2019, 26, 1.	2.4	20
13	Possibility for the development of cosmetics with PLGA nanospheres. Drug Development and Industrial Pharmacy, 2013, 39, 752-761.	2.0	15
14	Development of CO2 Molecular Gate Membranes for IGCC Process with CO2 Capture. Energy Procedia, 2017, 114, 613-620.	1.8	15
15	Rapid preparation of monodisperse biodegradable polymer nanospheres using a membrane emulsification technique under low gas pressure. Journal of Polymer Research, 2011, 18, 2077-2085.	2.4	12
16	Technique to encapsulate a low molecular weight hydrophilic drug in biodegradable polymer particles in a liquidâ€"liquid system. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2011, 384, 368-373.	4.7	12
17	Facile technique for the preparation of monodispersed biodegradable polymer nanospheres using a solvent evaporation method. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 482, 734-739.	4.7	10
18	Examination of Selection and Combination of Water-Absorbing Agent to Blend with Polyvinyl Alcohol (PVA) in Preparing CO2-Separation Membrane with High-Performance. Macromolecular Research, 2020, 28, 365-372.	2.4	10

#	Article	IF	Citations
19	Optimized preparation of biodegradable polymer particles encapsulating low-molecular-weight hydrophilic drugs. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 402, 29-36.	4.7	7
20	Proposition of CO₂ Removable Technology Using Membrane for Hydrogen Station. ECS Transactions, 2013, 51, 259-264.	0.5	7
21	Dermal administration of manganese porphyrin by iontophoresis. Materials Science and Engineering C, 2014, 41, 349-353.	7.3	7
22	Effects of the polymer composite composition and amine-based additives on the performance of a polymer composite CO2 separation membrane. Polymer Bulletin, 2021, 78, 513-528.	3.3	7
23	CO 2 â€facilitated transport membranes prepared by blending polyvinyl alcohol and various waterâ€absorbing agents. Journal of Applied Polymer Science, 2021, 138, 50191.	2.6	6
24	Preparation of (hydrophilic) INZ/PLGA particles (microcapsules) employing a unique frozen water phase â€" investigation of optimal formulation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 443, 356-362.	4.7	4
25	Optimization of a simple technique for preparation of monodisperse poly(lactide-co-glycolide) nanospheres. Journal of Nanoparticle Research, 2016, 18, 1.	1.9	4
26	Physical properties of microspheres prepared by blending poly(lactide-co-glycolide) and poly lactide. Bulletin of Materials Science, 2021, 44, 1.	1.7	4
27	Factors for improving the performance of the separation membranes prepared by the blending of polyvinyl alcohol and a water absorbing agent. Polymer-Plastics Technology and Materials, 2021, 60, 659-669.	1.3	3
28	Preparation of Biodegradable Polymer Nanospheres Containing Manganese Porphyrin (Mn-Porphyrin). Journal of Inorganic and Organometallic Polymers and Materials, 2019, 29, 1010-1018.	3.7	2
29	High performance CO₂-facilitated transport membrane fabricated by compounding amine-terminated dendrimer in composite of polyvinyl alcohol and water-absorbing agent. Journal of Macromolecular Science - Pure and Applied Chemistry, 2021, 58, 849-859.	2.2	2
30	Development of a polyvinyl alcohol/sodium polyacrylate composite polymer membrane with cesium carbonate as a mobile carrier for highâ€performance <scp>CO₂</scp> capture. Polymers for Advanced Technologies, 2022, 33, 1677-1684.	3.2	1