

Motoki Inoue

List of Publications by Citations

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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.

50
papers

752
citations

15
h-index

26
g-index

52
ext. papers

859
ext. citations

4.4
avg, IF

3.94
L-index

#	Paper	IF	Citations
50	In vitro and in vivo biocompatibility and corrosion behaviour of a bioabsorbable magnesium alloy coated with octacalcium phosphate and hydroxyapatite. <i>Acta Biomaterialia</i> , 2015 , 11, 520-30	10.8	144
49	Quick self-healing and thermo-reversible liposome gel. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011 , 82, 196-202	6	60
48	Preparation and characterization of n-alkane/water emulsion stabilized by cyclodextrin. <i>Journal of Oleo Science</i> , 2009 , 58, 85-90	1.6	40
47	Enhanced tissue penetration-induced high bonding strength of a novel tissue adhesive composed of cholesteryl group-modified gelatin and disuccinimidyl tartarate. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012 , 91, 48-56	6	37
46	Characterization and Quality Control of Pharmaceutical Cocrystals. <i>Chemical and Pharmaceutical Bulletin</i> , 2016 , 64, 1421-1430	1.9	34
45	Emulsifying Ability of Cyclodextrins for Common Oils. <i>Journal of Dispersion Science and Technology</i> , 2010 , 31, 1648-1651	1.5	30
44	Emulsion preparation using beta-cyclodextrin and its derivatives acting as an emulsifier. <i>Chemical and Pharmaceutical Bulletin</i> , 2008 , 56, 1335-7	1.9	30
43	Study on preparation and formation mechanism of n-alkanol/water emulsion using alpha-cyclodextrin. <i>Chemical and Pharmaceutical Bulletin</i> , 2007 , 55, 1620-5	1.9	30
42	In Situ Monitoring of Crystalline Transformation of Carbamazepine Using Probe-Type Low-Frequency Raman Spectroscopy. <i>Organic Process Research and Development</i> , 2017 , 21, 262-265	3.9	27
41	Direct High-Resolution Imaging of Crystalline Components in Pharmaceutical Dosage Forms Using Low-Frequency Raman Spectroscopy. <i>Organic Process Research and Development</i> , 2015 , 19, 1796-1798	3.9	25
40	CO ₂ Fixation Process with Waste Cement Powder via Regeneration of Alkali and Acid by Electrodialysis: Effect of Operation Conditions. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 6569-6577	3.9	23
39	The effect of VEGF-immobilized nickel-free high-nitrogen stainless steel on viability and proliferation of vascular endothelial cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012 , 92, 1-8	6	23
38	Adhesive properties and biocompatibility of tissue adhesives composed of various hydrophobically modified gelatins and disuccinimidyl tartrate. <i>Journal of Bioactive and Compatible Polymers</i> , 2012 , 27, 481-498	2	20
37	Formation and characterization of emulsions using beta-cyclodextrin as an emulsifier. <i>Chemical and Pharmaceutical Bulletin</i> , 2008 , 56, 668-71	1.9	20
36	An antithrombogenic citric acid-crosslinked gelatin with endothelialization activity. <i>Advanced Healthcare Materials</i> , 2012 , 1, 573-81	10.1	16
35	Enhanced bonding strength of a novel tissue adhesive consisting of cholesteryl group-modified gelatin and disuccinimidyl tartarate. <i>Journal of Bioactive and Compatible Polymers</i> , 2012 , 27, 31-44	2	15
34	Unusual degradation behavior of citric acid-crosslinked gelatin in vitro and in vivo. <i>Polymer Degradation and Stability</i> , 2010 , 95, 2088-2092	4.7	13

33	Solid dispersions of efonidipine hydrochloride ethanolate with improved physicochemical and pharmacokinetic properties prepared with microwave treatment. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016 , 108, 25-31	5.7	13
32	Transmission Low-Frequency Raman Spectroscopy for Quantification of Crystalline Polymorphs in Pharmaceutical Tablets. <i>Analytical Chemistry</i> , 2019 , 91, 1997-2003	7.8	13
31	Real-Time Formation Monitoring of Cocrystals with Different Stoichiometries Using Probe-Type Low-Frequency Raman Spectroscopy. <i>Industrial & Engineering Chemistry Research</i> , 2017 , 56, 12693-12697	3.9	11
30	Discrimination and quantification of sulfathiazole polytypes using low-frequency Raman spectroscopy. <i>CrystEngComm</i> , 2018 , 20, 1928-1934	3.3	11
29	Identification of Pseudopolymorphism of Magnesium Stearate by Using Low-Frequency Raman Spectroscopy. <i>Organic Process Research and Development</i> , 2016 , 20, 1906-1910	3.9	11
28	UV irradiation enhances the bonding strength between citric acid-crosslinked gelatin and stainless steel. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011 , 88, 260-4	6	10
27	Quantitative biocompatibility evaluation of nickel-free high-nitrogen stainless steel in vitro/in vivo. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2014 , 102, 68-72	3.5	9
26	Preparation and Characterization of Cycloalkanol/Water Emulsion Using β -Cyclodextrin as an Emulsifier. <i>Journal of Dispersion Science and Technology</i> , 2009 , 30, 852-856	1.5	9
25	Solid-State Quantification of Cocrystals in Pharmaceutical Tablets Using Transmission Low-Frequency Raman Spectroscopy. <i>Analytical Chemistry</i> , 2019 , 91, 13427-13432	7.8	8
24	Poly-(L-lactic acid) and citric acid-crosslinked gelatin composite matrices as a drug-eluting stent coating material with endothelialization, antithrombogenic, and drug release properties. <i>Journal of Biomedical Materials Research - Part A</i> , 2013 , 101, 2049-57	5.4	8
23	Nickel-free stainless steel avoids neointima formation following coronary stent implantation. <i>Science and Technology of Advanced Materials</i> , 2012 , 13, 064218	7.1	8
22	Pharmaceutical evaluation of atorvastatin calcium tablets available on the Internet: A preliminary investigation of substandard medicines in Japan. <i>Journal of Drug Delivery Science and Technology</i> , 2016 , 31, 35-40	4.5	7
21	Correlation between drug dissolution and resistance to water-induced phase separation in solid dispersion formulations revealed by solid-state NMR spectroscopy. <i>International Journal of Pharmaceutics</i> , 2020 , 577, 119086	6.5	6
20	Quantification of a cocrystal and its dissociated compounds in solid dosage form using transmission Raman spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 177, 112886	3.5	6
19	Preparation and biological evaluation of hydroxyapatite-coated nickel-free high-nitrogen stainless steel. <i>Science and Technology of Advanced Materials</i> , 2012 , 13, 064213	7.1	5
18	Novel amino acid-based surfactant for silicone emulsification and its application in hair care products: a promising alternative to quaternary ammonium cationic surfactants. <i>International Journal of Cosmetic Science</i> , 2017 , 39, 556-563	2.7	4
17	Pharmaceutical quantification with univariate analysis using transmission Raman spectroscopy. <i>Drug Development and Industrial Pharmacy</i> , 2019 , 45, 1430-1436	3.6	3
16	Developmental considerations for ethanolates with regard to stability and physicochemical characterization of efonidipine hydrochloride ethanolate. <i>CrystEngComm</i> , 2015 , 17, 7430-7436	3.3	3

15	Prevention of catheter infection using a biodegradable tissue adhesive composed of human serum albumin and disuccinimidyl tartrate. <i>Journal of Bioactive and Compatible Polymers</i> , 2014 , 29, 284-297	2	3
14	Microanalysis of pharmaceutical cocrystals using a nano-spot method coupled with Raman spectroscopy. <i>CrystEngComm</i> , 2016 , 18, 8004-8009	3.3	2
13	Fabrication of precious metals recovery materials using grape seed-waste. <i>Sustainable Materials and Technologies</i> , 2015 , 3, 14-16	5.3	2
12	Fabrication of reactive poly(vinyl alcohol) membranes for prevention of bone cement leakage. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2014 , 102, 1786-91	3.5	2
11	Effects of ultraviolet irradiation on bonding strength between Co-Cr alloy and citric acid-crosslinked gelatin matrix. <i>Journal of Biomaterials Applications</i> , 2014 , 28, 880-6	2.9	2
10	Molecular State of Active Pharmaceutical Ingredients in Ketoprofen Dermal Patches Characterized by Pharmaceutical Evaluation. <i>Biological and Pharmaceutical Bulletin</i> , 2018 , 41, 1348-1354	2.3	2
9	Analysis of inline-filter blockage with trastuzumab formulation using scanning-electron microscopy. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 112, 108711	7.5	1
8	Tamibarotene-loaded citric acid-crosslinked alkali-treated collagen matrix as a coating material for a drug-eluting stent. <i>Science and Technology of Advanced Materials</i> , 2012 , 13, 064208	7.1	1
7	Biodegradable organic acid-crosslinked alkali-treated gelatins with anti-thrombogenic and endothelialization properties. <i>Science and Technology of Advanced Materials</i> , 2012 , 13, 064215	7.1	1
6	Mechanistic study of preparation of drug/polymer/surfactant ternary hot extrudates to obtain small and stable drug nanocrystal suspensions. <i>International Journal of Pharmaceutics</i> , 2020 , 591, 120003	6.5	1
5	Raman monitoring of semi-continuously manufactured orodispersible films for individualized dosing. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 61, 102224	4.5	1
4	In Situ Monitoring of Lipid Phase State Make Target Lipid Mixtures Similar to Intercellular Lipid in the Stratum Corneum. <i>European Journal of Lipid Science and Technology</i> , 2020 , 122, 1900171	3	0
3	Solid-State Analysis of Alpha-Cyclodextrin Inclusion Complexes Using Low-Frequency Raman Spectroscopy. <i>Analytical Chemistry</i> , 2021 , 93, 704-708	7.8	0
2	Promotion of initial cell adhesion on trisuccinimidyl citrate-modified nickel-free high-nitrogen stainless steel. <i>Journal of Materials Science: Materials in Medicine</i> , 2013 , 24, 951-8	4.5	
1	Formation of Hydroxyapatite on Nickel-Free High-Nitrogen Stainless Steel by Chemical Solution Deposition Method in Neutral/Alkaline Solution. <i>Key Engineering Materials</i> , 2012 , 529-530, 237-242	0.4	