

John Tsibouklis

List of Publications by Year in descending order

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73
papers

2,716
citations

159585

30
h-index

197818

49
g-index

74
all docs

74
docs citations

74
times ranked

3675
citing authors

#	ARTICLE	IF	CITATIONS
1	Nano carriers for drug transport across the blood–brain barrier. <i>Journal of Drug Targeting</i> , 2017, 25, 17-28.	4.4	187
2	The potential for nanoparticle-based drug delivery to the brain: overcoming the blood–brain barrier. <i>Expert Opinion on Drug Delivery</i> , 2009, 6, 553-565.	5.0	183
3	Mucin/Poly(acrylic acid) Interactions: A Spectroscopic Investigation of Mucoadhesion. <i>Biomacromolecules</i> , 2003, 4, 1184-1190.	5.4	133
4	Preventing bacterial adhesion onto surfaces: the low-surface-energy approach. <i>Biomaterials</i> , 1999, 20, 1229-1235.	11.4	128
5	Polymeric Microspheres for Drug Delivery to the Oral Cavity: An In Vitro Evaluation of Mucoadhesive Potential. <i>Journal of Pharmaceutical Sciences</i> , 2003, 92, 1614-1623.	3.3	110
6	Poly(perfluoroalkyl methacrylate) Film Structures: Surface Organization Phenomena, Surface Energy Determinations, and Force of Adhesion Measurements. <i>Macromolecules</i> , 2000, 33, 8460-8465.	4.8	108
7	An investigation of mucus/polymer rheological synergism using synthesised and characterised poly(acrylic acid)s. <i>International Journal of Pharmaceutics</i> , 2001, 217, 87-100.	5.2	92
8	Azo compounds in colon-specific drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2007, 4, 547-560.	5.0	80
9	Polymeric materials for ophthalmic drug delivery: trends and perspectives. <i>Journal of Materials Chemistry</i> , 2006, 16, 3439.	6.7	75
10	Mapping the Surface Heterogeneity of a Polymer Blend: An Adhesion-Force-Distribution Study Using the Atomic Force Microscope. <i>Langmuir</i> , 2000, 16, 7887-7890.	3.5	74
11	Towards carborane-functionalised structures for the treatment of brain cancer. <i>Drug Discovery Today</i> , 2018, 23, 63-75.	6.4	68
12	Mucoadhesive, triclosan-loaded polymer microspheres for application to the oral cavity: preparation and controlled release characteristics. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2005, 59, 207-216.	4.3	67
13	Surface Energy Characteristics of Polymer Film Structures: A Further Insight into the Molecular Design Requirements. <i>Langmuir</i> , 1999, 15, 7076-7079.	3.5	65
14	Azocrosslinked poly(acrylic acid) for colonic delivery and adhesion specificity: in vitro degradation and preliminary ex vivo bioadhesion studies. <i>Journal of Controlled Release</i> , 1998, 54, 95-109.	9.9	53
15	A direct-staining method to evaluate the mucoadhesion of polymers from aqueous dispersion. <i>Journal of Controlled Release</i> , 2001, 77, 1-6.	9.9	53
16	Fluoropolymers with very low surface energy characteristics. <i>Journal of Fluorine Chemistry</i> , 2000, 104, 29-36.	1.7	51
17	Functionalized chitosan/NIPAM (HEMA) hybrid polymer networks as inserts for ocular drug delivery: Synthesis, in vitro assessment, and in vivo evaluation. <i>Journal of Biomedical Materials Research - Part A</i> , 2006, 77A, 726-735.	4.0	50
18	The formulation of polyhedral boranes for the boron neutron capture therapy of cancer. <i>Drug Discovery Today</i> , 2012, 17, 153-159.	6.4	43

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19	Hybrid polymeric hydrogels for ocular drug delivery: nanoparticulate systems from copolymers of acrylic acid-functionalized chitosan and <i>N</i> -isopropylacrylamide or 2-hydroxyethyl methacrylate. <i>Nanotechnology</i> , 2009, 20, 225108.	2.6	42
20	Nanoparticles of alkylglyceryl-dextran-graft-poly(lactic acid) for drug delivery to the brain: Preparation and in vitro investigation. <i>Acta Biomaterialia</i> , 2015, 23, 250-262.	8.3	42
21	Inhibiting bacterial adhesion onto surfaces: the non-stick coating approach. <i>International Journal of Adhesion and Adhesives</i> , 2000, 20, 91-96.	2.9	38
22	The gastrointestinal transit profile of ¹⁴ C-labelled poly(acrylic acids):. <i>Biomaterials</i> , 2001, 22, 1861-1867.	11.4	38
23	In Vitro Assessment of Alkylglyceryl-Functionalized Chitosan Nanoparticles as Permeating Vectors for the Blood-Brain Barrier. <i>Biomacromolecules</i> , 2012, 13, 1067-1073.	5.4	38
24	Poly(methylpropenoxyfluoroalkylsiloxane)s: a class of fluoropolymers capable of inhibiting bacterial adhesion onto surfaces. <i>Journal of Fluorine Chemistry</i> , 2000, 104, 37-45.	1.7	36
25	Impact of Fluorination and Side-Chain Length on Poly(methylpropenoxyalkylsiloxane) and Poly(alkyl) Tj ETQq1 1 0.784314 rgBT /Overbo 4.8 36	4.8	36
26	Inkjet printing of a thermolabile model drug onto FDM-printed substrates: formulation and evaluation. <i>Drug Development and Industrial Pharmacy</i> , 2020, 46, 1253-1264.	2.0	36
27	Adhesion Force Mapping of Polymer Surfaces: Factors Influencing Force of Adhesion. <i>Langmuir</i> , 2002, 18, 3387-3389.	3.5	35
28	Azocross-linked poly(acrylic acid) for colonic delivery and adhesion specificity: synthesis and characterisation. <i>Journal of Controlled Release</i> , 1998, 52, 291-300.	9.9	34
29	The surface properties of some silicone and fluorosilicone coating materials immersed in seawater. <i>Biofouling</i> , 2000, 16, 263-275.	2.2	31
30	Biotinylated chitosan-based SPIONs with potential in blood-contacting applications. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	1.9	31
31	Docosanoyl itaconate/1-docosylamine alternate-layer Langmuir-Blodgett films: polymerisation, pyroelectric properties and infrared spectroscopic studies. <i>Journal of Materials Chemistry</i> , 1991, 1, 819-826.	6.7	28
32	In situ evaluation of drug-loaded microspheres on a mucosal surface under dynamic test conditions. <i>International Journal of Pharmaceutics</i> , 2004, 276, 51-58.	5.2	27
33	Surface energy characteristics of poly(methylpropenoxyfluoroalkylsiloxane) film structures. <i>Applied Surface Science</i> , 1998, 136, 99-104.	6.1	26
34	AFM friction and adhesion mapping of the substructures of human hair cuticles. <i>Applied Surface Science</i> , 2013, 285, 638-644.	6.1	24
35	Combined Nanoindentation and Adhesion Force Mapping Using the Atomic Force Microscope: Investigations of a Filled Polysiloxane Coating. <i>Langmuir</i> , 2002, 18, 10011-10015.	3.5	22
36	Vinylpyrrolidone-co-(meth)acrylic acid inserts for ocular drug delivery: Synthesis and evaluation. <i>Journal of Biomedical Materials Research - Part A</i> , 2005, 74A, 598-606.	4.0	22

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37	Fluoropolymers as low-surface-energy tooth coatings for oral care. <i>International Journal of Pharmaceutics</i> , 2008, 352, 44-49.	5.2	22
38	The liquid-crystalline-state polymerization of diacetylenes. <i>Advanced Materials</i> , 1995, 7, 407-408.	21.0	21
39	Liposome formulations of o-carborane for the boron neutron capture therapy of cancer. <i>Biophysical Chemistry</i> , 2019, 247, 25-33.	2.8	21
40	Pentacosanoic acid/hexadecylamine alternating Langmuir-Blodgett films: synthesis, polymerisation and electrical properties. <i>Journal of Materials Chemistry</i> , 1993, 3, 97-104.	6.7	20
41	Unsymmetrically substituted aliphatic diacetylenes. <i>Tetrahedron Letters</i> , 1996, 37, 5023-5026.	1.4	20
42	The retention of ¹⁴ C-labelled poly(acrylic acids) on gastric and oesophageal mucosa: an in vitro study. <i>European Journal of Pharmaceutical Sciences</i> , 2003, 20, 83-90.	4.0	20
43	Carborane-based derivatives of delocalised lipophilic cations for boron neutron capture therapy: synthesis and preliminary in vitro evaluation. <i>Journal of Materials Chemistry</i> , 2008, 18, 4864.	6.7	20
44	Towards boron neutron capture therapy: The formulation and preliminary in vitro evaluation of liposomal vehicles for the therapeutic delivery of the dequalinium salt of bis-nido-carborane. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 6161-6166.	2.2	20
45	An in vitro model for investigating the gastric mucosal retention of ¹⁴ C-labelled poly(acrylic acid) dispersions. <i>International Journal of Pharmaceutics</i> , 2002, 236, 87-96.	5.2	19
46	Intestine-Specific, Oral Delivery of Captopril/Montmorillonite: Formulation and Release Kinetics. <i>Nanoscale Research Letters</i> , 2011, 6, 15.	5.7	19
47	Toward Drug Delivery into the Brain: Synthesis, Characterization, and Preliminary In Vitro Assessment of Alkylglyceryl-Functionalized Chitosan Nanoparticles. <i>Biomacromolecules</i> , 2010, 11, 2880-2889.	5.4	19
48	Pharmacological Development of Target-Specific Delocalized Lipophilic Cation-Functionalized Carboranes for Cancer Therapy. <i>Pharmaceutical Research</i> , 2016, 33, 1945-1958.	3.5	18
49	Surface energy characteristics of poly(methylpropenoxyalkylsiloxane) film structures. <i>Applied Surface Science</i> , 1999, 137, 1-10.	6.1	17
50	Solubility of Poly(perfluoromonooxalates) and Poly(perfluorodioxalates) in Supercritical CO ₂ . <i>Industrial & Engineering Chemistry Research</i> , 2003, 42, 6499-6504.	3.7	17
51	Poly(di-1H,1H,2H,2H-perfluoroalkylitaconate) films: surface organisation phenomena, surface energy determinations and force of adhesion measurements. <i>Polymer</i> , 2002, 43, 1727-1734.	3.8	16
52	Facile fabrication of mesoporous ZnO nanospheres for the controlled delivery of captopril. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	16
53	Self-assembled structures of alkanethiols on gold-coated cantilever tips and substrates for atomic force microscopy: Molecular organisation and conditions for reproducible deposition. <i>Applied Surface Science</i> , 2010, 256, 1961-1968.	6.1	15
54	A comparative study of surface energy data from atomic force microscopy and from contact angle goniometry. <i>Applied Surface Science</i> , 2010, 256, 5082-5087.	6.1	15

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55	Hydrogels in mucosal delivery. <i>Therapeutic Delivery</i> , 2012, 3, 535-555.	2.2	15
56	Synthesis and characterization of low surface energy fluoropolymers as potential barrier coatings in oral care. <i>Journal of Biomedical Materials Research - Part A</i> , 2008, 84A, 994-1005.	4.0	13
57	An in vitro model for the evaluation of the adhesion of solid oral dosage forms to the oesophagus. <i>International Journal of Pharmaceutics</i> , 2013, 447, 199-203.	5.2	13
58	Toward mucoadhesive hydrogel formulations for the management of xerostomia: The physicochemical, Biological, and Pharmacological Considerations. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101, 3327-3338.	4.0	13
59	Multifunctional poly(alkyl methacrylate) films for dental care. <i>Biomedical Materials (Bristol)</i> , 2011, 6, 015003.	3.3	12
60	An evaluation of the adhesion of solid oral dosage form coatings to the oesophagus. <i>International Journal of Pharmaceutics</i> , 2015, 496, 299-303.	5.2	12
61	Polymer-Lipid Microparticles for Pulmonary Delivery. <i>Langmuir</i> , 2018, 34, 3438-3448.	3.5	12
62	Adsorbed pluronics on the skin of human volunteers: effects on bacterial adhesion. <i>International Journal of Pharmaceutics</i> , 2003, 251, 155-163.	5.2	11
63	Synthesis of radiolabeled congeners of the carbomers: ¹⁴ C-labeled poly(acrylic acid)s. <i>Journal of Biomedical Materials Research Part B</i> , 2001, 58, 102-107.	3.1	10
64	Nanocomposites based on copolymers of fluorinated imide and polyhedral oligomeric silsesquioxane macromonomer: microstructure and morphology studies. <i>Polymer International</i> , 2013, 62, 190-195.	3.1	9
65	Nanoparticles of alkylglyceryl dextran and poly(ethyl cyanoacrylate) for applications in drug delivery: Preparation and characterization. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2017, 66, 265-279.	3.4	9
66	Tricos-22-enoic acid/1-docosylamine alternate-layer Langmuir-Blodgett films: polymerisation, pyroelectric properties and infrared spectroscopic studies. <i>Journal of Materials Chemistry</i> , 1992, 2, 87-91.	6.7	8
67	Bacterial colonisation and settlement of algal spores and barnacle larvae on low surface energy materials. <i>Biofouling</i> , 2000, 16, 289-299.	2.2	7
68	Unsymmetrically Substituted Aliphatic Diacetylenes Containing Amine Functionalities. <i>Synthetic Communications</i> , 1998, 28, 4333-4338.	2.1	6
69	The Effects of Incorporated Silicone Oils and Calcium Carbonate on the Resistance to Settlement and the Antifouling Performance of a Silicone Elastomer. <i>Journal of Adhesion Science and Technology</i> , 2011, 25, 2183-2198.	2.6	6
70	Orally administered, colon-specific mucoadhesive azopolymer particles for the treatment of inflammatory bowel disease: An in vivo study. <i>Journal of Biomedical Materials Research - Part A</i> , 2006, 79A, 706-715.	4.0	5
71	Self-assembled alkanethiol structures on gold: A further insight into the origins of structural rearrangement phenomena. <i>Surface Science</i> , 2010, 604, 541-547.	1.9	4
72	A thermogravimetric method for assessing the substantivity of polymer films on dentally relevant substrates. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 102, 121-126.	3.6	3

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73	Poly(alkyl methacrylate) Tooth Coatings for Dental Care: Evaluation of the Demineralisation-Protection Benefit Using a Time-Resolved In Vitro Method. <i>Polymers</i> , 2011, 3, 314-329.	4.5	1