

Lajos P Balogh

List of Publications by Year in descending order

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95
papers

6,775
citations

145106

33
h-index

97045

71
g-index

109
all docs

109
docs citations

109
times ranked

9838
citing authors

#	ARTICLE	IF	CITATIONS
1	Science, Pseudo-science, False, and Fake "science": Why is this happening, and what can you do?. Precision Nanomedicine, 2022, 5, .	0.4	0
2	Evaluation of the performance of a human D-dimer test in dogs with neoplasia. Acta Veterinaria Hungarica, 2020, 68, 242-250.	0.2	3
3	The Story of Precision Nanomedicine. Precision Nanomedicine, 2018, 1, 1-4.	0.4	2
4	Balancing Interests of Science, Scientists, and the Publishing Business. Precision Nanomedicine, 2018, 1, 5-14.	0.4	1
5	Integrated pharmacokinetic modelling for accelerated nanomedicine translation. European Journal of Nanomedicine, 2017, 9, 1-3.	0.6	1
6	Beware of phosphate: evidence of specific dendrimer-phosphate interactions. Physical Chemistry Chemical Physics, 2017, 19, 11540-11548.	1.3	12
7	Diverse Applications of Nanomedicine. ACS Nano, 2017, 11, 2313-2381.	7.3	976
8	Caging cancer. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 867-869.	1.7	13
9	Fourth Annual Conference of the American Society for Nanomedicine. Journal of Neuroimmune Pharmacology, 2014, 9, 1-38.	2.1	2
10	Folate receptor targeted self-assembled chitosan-based nanoparticles for SPECT/CT imaging: Demonstrating a preclinical proof of concept. International Journal of Pharmaceutics, 2014, 474, 91-94.	2.6	18
11	Self-diffusion of water and poly(amidoamine) dendrimers in dilute aqueous solutions. Soft Matter, 2013, 9, 1645-1655.	1.2	20
12	<i>In vivo</i> toxicity evaluation of gold-dendrimer composite nanodevices with different surface charges. Nanotoxicology, 2013, 7, 441-451.	1.6	13
13	Physiologically Based Pharmacokinetic Model for Composite Nanodevices: Effect of Charge and Size on In Vivo Disposition. Pharmaceutical Research, 2012, 29, 2534-2542.	1.7	38
14	Enhanced optical breakdown in KB cells labeled with folate-targeted silver-dendrimer composite nanodevices. Nanomedicine: Nanotechnology, Biology, and Medicine, 2011, 7, 97-106.	1.7	24
15	Nanomedicine. , 2011, , .		0
16	The nanoscopic range and the effect of architecture on nanoproperties. Nanomedicine: Nanotechnology, Biology, and Medicine, 2010, 6, 501-503.	1.7	2
17	Why do we have so many definitions for nanoscience and nanotechnology?. Nanomedicine: Nanotechnology, Biology, and Medicine, 2010, 6, 397-398.	1.7	26
18	Toxicity evaluation of gold-dendrimer composite nanodevices <i>in vitro</i> difference found between tumour and proliferating endothelial cells. Nanotoxicology, 2009, 3, 139-151.	1.6	3

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19	Fabrication of {198Au0} radioactive composite nanodevices and their use for nanobrachytherapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2008, 4, 57-69.	1.7	81
20	Intracellular photodisruption with targeted silver/dendrimer nanocomposites and femtosecond lasers. , 2008, , .		0
21	Dendrimer Nanocomposites as Multifunctional X-ray Contrast Agents. <i>Materials Research Society Symposia Proceedings</i> , 2007, 1064, 6181.	0.1	1
22	Metal/dendrimer nanocomposites for enhanced optical breakdown: acoustic characterization and initial targeted cell uptake study. , 2007, , .		0
23	Synthesis and Characterization of PAMAM Dendrimer-Based Multifunctional Nanodevices for Targeting \pm^{23} Integrins. <i>Bioconjugate Chemistry</i> , 2007, 18, 1148-1154.	1.8	68
24	Dendrimer 101. <i>Advances in Experimental Medicine and Biology</i> , 2007, 620, 136-155.	0.8	9
25	Self Assembly and Optical Properties of Dendrimer Nanocomposite Multilayers. <i>Macromolecular Bioscience</i> , 2007, 7, 1032-1046.	2.1	9
26	Significant effect of size on the in vivo biodistribution of gold composite nanodevices in mouse tumor models. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2007, 3, 281-296.	1.7	186
27	Synthesis, characterization, and manipulation of dendrimer-stabilized iron sulfide nanoparticles. <i>Nanotechnology</i> , 2006, 17, 4554-4560.	1.3	61
28	Characterization of crystalline dendrimer-stabilized gold nanoparticles. <i>Nanotechnology</i> , 2006, 17, 1072-1078.	1.3	107
29	Dendrimer Nanocomposites for Cancer Therapy. , 2006, , 551-592.		0
30	Comprehensive characterization of surface-functionalized poly(amidoamine) dendrimers with acetamide, hydroxyl, and carboxyl groups. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 272, 139-150.	2.3	76
31	Electrophoretic mobility and molecular distribution studies of poly(amidoamine) dendrimers of defined charges. <i>Electrophoresis</i> , 2006, 27, 1758-1767.	1.3	55
32	Generating controllable microbubbles inside individual cells using femtosecond laser pulses. , 2006, , .		0
33	Biodistribution of Dendrimer Nanocomposites for Nano-Radiation Therapy of Cancer. , 2006, , .		0
34	Optical and acoustical monitoring of femtosecond laser-induced intracellular contrast agents: initial cell culture studies. , 2005, , .		0
35	Generational, skeletal and substitutional diversities in generation one poly(amidoamine) dendrimers. <i>Polymer</i> , 2005, 46, 3022-3034.	1.8	55
36	Capillary electrophoresis of polycationic poly(amidoamine) dendrimers. <i>Electrophoresis</i> , 2005, 26, 2949-2959.	1.3	42

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37	Analysis of poly(amidoamine)-succinamic acid dendrimers by slab-gel electrophoresis and capillary zone electrophoresis. <i>Electrophoresis</i> , 2005, 26, 2960-2967.	1.3	54
38	Nanoparticle Targeting of Anticancer Drug Improves Therapeutic Response in Animal Model of Human Epithelial Cancer. <i>Cancer Research</i> , 2005, 65, 5317-5324.	0.4	854
39	In Vivo Biodistribution of Dendrimers and Dendrimer Nanocomposites " Implications for Cancer Imaging and Therapy. <i>Technology in Cancer Research and Treatment</i> , 2005, 4, 603-613.	0.8	79
40	Acoustic detection of controlled laser-induced microbubble creation in gelatin. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2005, 52, 1962-1969.	1.7	14
41	Silver/Dendrimer Nanocomposites as Biomarkers: Fabrication, Characterization, in Vitro Toxicity, and Intracellular Detection. <i>Nano Letters</i> , 2005, 5, 2123-2130.	4.5	239
42	HPLC Separation of Different Generations of Poly(amidoamine) Dendrimers Modified with Various Terminal Groups. <i>Analytical Chemistry</i> , 2005, 77, 2063-2070.	3.2	68
43	Usefulness of (99m)Tc(V)-dimercaptosuccinic acid scintigraphy in the assessment of response to external radiation therapy in soft tissue sarcoma in Giant Snauzer dog. <i>Nuclear Medicine Review</i> , 2005, 8, 150-2.	0.3	0
44	Labeling Cells with Silver/Dendrimer Nanocomposites. <i>Materials Research Society Symposia Proceedings</i> , 2004, 845, 187.	0.1	0
45	Characterization of Dendrimer-Gold Nanocomposite Materials. <i>Materials Research Society Symposia Proceedings</i> , 2004, 847, 204.	0.1	0
46	3H Dendrimer Nanoparticle Organ/Tumor Distribution. <i>Pharmaceutical Research</i> , 2004, 21, 476-483.	1.7	134
47	Dendritic Chelating Agents. 1. Cu(II) Binding to Ethylene Diamine Core Poly(amidoamine) Dendrimers in Aqueous Solutions. <i>Langmuir</i> , 2004, 20, 2640-2651.	1.6	200
48	Potentiometric Response Characteristics of Polycation-Sensitive Membrane Electrodes toward Poly(amidoamine) and Poly(propylenimine) Dendrimers. <i>Analytical Chemistry</i> , 2004, 76, 1474-1482.	3.2	23
49	Interaction of Poly(amidoamine) Dendrimers with Supported Lipid Bilayers and Cells: Hole Formation and the Relation to Transport. <i>Bioconjugate Chemistry</i> , 2004, 15, 774-782.	1.8	556
50	Monitoring LIQB-induced bubble characteristics in gelatin using high-frequency ultrasound. , 2004, 5373, 242.		0
51	Effect of Anticoagulants and Sampling Time on Results of Progesterone Determination in Canine Blood Samples. <i>Reproduction in Domestic Animals</i> , 2003, 38, 386-389.	0.6	16
52	Acoustic detection of microbubble formation induced by enhanced optical breakdown of silver/dendrimer nanocomposites. <i>Applied Physics Letters</i> , 2003, 82, 994-996.	1.5	25
53	Enhancement of laser-induced optical breakdown using metal/dendrimer nanocomposites. <i>Applied Physics Letters</i> , 2002, 80, 1713-1715.	1.5	36
54	Internal Structure of Silver~Poly(amidoamine) Dendrimer Complexes and Nanocomposites. <i>Macromolecules</i> , 2002, 35, 5105-5115.	2.2	96

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55	Morphology of Amphiphilic Gold/Dendrimer Nanocomposite Monolayers. <i>Langmuir</i> , 2002, 18, 5927-5932.	1.6	21
56	Comparison and Stability of CdSe Nanocrystals Covered with Amphiphilic Poly(Amidoamine) Dendrimers. <i>Journal of Physical Chemistry B</i> , 2002, 106, 10316-10321.	1.2	78
57	Imaging {AuO-PAMAM} Gold-dendrimer Nanocomposites in Cells. <i>Journal of Nanoparticle Research</i> , 2002, 4, 395-403.	0.8	87
58	Ultrafast time-resolved photoluminescence from novel metal-dendrimer nanocomposites. <i>Journal of Chemical Physics</i> , 2001, 114, 1962-1965.	1.2	125
59	Imaging of gold dendrimer nanocomposites in cells. <i>Materials Research Society Symposia Proceedings</i> , 2001, 676, 931.	0.1	0
60	Dendrimer-Silver Complexes and Nanocomposites as Antimicrobial Agents. <i>Nano Letters</i> , 2001, 1, 18-21.	4.5	389
61	Magnetic Properties of Transition Metal-Dendrimer Nanocomposites. <i>Materials Research Society Symposia Proceedings</i> , 2001, 674, 1.	0.1	6
62	Large Optical Limiting from Novel Metal-Dendrimer Nanocomposite Materials. <i>Journal of the American Chemical Society</i> , 2000, 122, 11005-11006.	6.6	152
63	A small angle scattering study of dendrimer-copper sulfide nanocomposites. <i>Polymer</i> , 1999, 40, 2537-2545.	1.8	52
64	Formation of Silver and Gold Dendrimer Nanocomposites. <i>Journal of Nanoparticle Research</i> , 1999, 1, 353-368.	0.8	165
65	Architectural Copolymers of PAMAM Dendrimers and Ionic Polyacetylenes. <i>Macromolecules</i> , 1999, 32, 1036-1042.	2.2	67
66	Poly(amidoamine) Dendrimers: A New Class of High Capacity Chelating Agents for Cu(II) Ions. <i>Environmental Science & Technology</i> , 1999, 33, 820-824.	4.6	198
67	Electrostatic Multilayer Deposition of a Gold-Dendrimer Nanocomposite. <i>Chemistry of Materials</i> , 1999, 11, 3268-3274.	3.2	210
68	Synthesis, homopolymerization, and block copolymerization of N-ethyl-2-ethynyl-pyridinium trifluoromethanesulfonate with styrene and butadiene. <i>Journal of Polymer Science Part A</i> , 1998, 36, 703-712.	2.5	30
69	Poly(Amidoamine) Dendrimer-Templated Nanocomposites. 1. Synthesis of Zerovalent Copper Nanoclusters. <i>Journal of the American Chemical Society</i> , 1998, 120, 7355-7356.	6.6	686
70	Amphiphilic Block Copolymer of Styrene and Ionic Acetylene. <i>Macromolecules</i> , 1996, 29, 4180-4186.	2.2	16
71	Conjugated Ionic Polyacetylenes. 7. Oligomerization of N-Methyl-2-ethynylpyridinium (Trifluoromethyl)sulfonate in Methanol and Pyridine. <i>Macromolecules</i> , 1995, 28, 25-33.	2.2	14
72	Conjugated Ionic Polyacetylenes. 9. Polymerization of N-methyl-2-ethynylpyridinium Trifluoromethanesulfonate in Aprotic Polar Solvents. <i>Macromolecules</i> , 1995, 28, 5691-5698.	2.2	14

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73	Initiation via Haloboration in Living Cationic Polymerization. 1. The Polymerization of Isobutylene. <i>Macromolecules</i> , 1994, 27, 3453-3458.	2.2	41
74	Initiation via Haloboration in Living Cationic Polymerization. 2. Kinetic and Mechanistic Studies of Isobutylene Polymerization. <i>Macromolecules</i> , 1994, 27, 4648-4651.	2.2	24
75	Simulation of the Durability and Approach to the Stabilization of Polyolefins Undergoing Oxidative Degradation under Mechanical Stress. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 1993, 19, 101-108.	1.8	5
76	Some aspects of the living isobutylene polymerization. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1993, 67, 325-338.	0.6	4
77	Complexation of the propagating chain-end in living cationic polymerization. <i>Polymer Bulletin</i> , 1992, 29, 127-134.	1.7	9
78	Living carbocationic polymerization of isobutylene with BCl ₃ coinitaliation in the presence of di-tert-butylpyridine as proton trap. <i>Polymer Bulletin</i> , 1992, 28, 367-374.	1.7	46
79	Investigation of 1,3,5-tris(2-methoxypropane)benzene/BCl ₃ initiated living isobutylene polymerization by C13 and B11 NMR spectroscopy. <i>Polymer Bulletin</i> , 1990, 23, 335-340.	1.7	13
80	Direct monitoring of cationic polymerization by temperature, conductivity and permittivity measurements. <i>Polymer Bulletin</i> , 1990, 23, 75-82.	1.7	2
81	Cationic Initiation by Thionyl Chloride/Titanium Tetrachloride. I. Model Reactions. <i>Journal of Macromolecular Science Part A, Chemistry</i> , 1990, 27, 225-235.	0.4	0
82	Cationic Initiation by Thionyl Chloride/Titanium Tetrachloride. II. Styrene Polymerization. <i>Journal of Macromolecular Science Part A, Chemistry</i> , 1990, 27, 247-255.	0.4	0
83	Simple separation of products of glycerolysis by low-pressure column chromatography. <i>Journal of Chromatography A</i> , 1984, 286, 107-112.	1.8	0
84	Base-catalyzed transformation of a 1 ² -dicarbonyl acetal, 1-(2-hydroxyphenyl)-2-phenyl-3,3-dimethoxypropane-1-one into isoflavone and 2-hydroxydeoxybenzoin. <i>Reaction Kinetics and Catalysis Letters</i> , 1978, 8, 1-6.	0.6	5
85	Acoustic detection of controlled bubble creation by liob in tissue-mimicking gelatin phantoms. , , .		1
86	Content of all issues published in PRNANO. Updated: September 28, 2022. <i>Precision Nanomedicine</i> , 0, , .	0.4	0
87	Handling cases requiring corrections. <i>Precision Nanomedicine</i> , 0, , .	0.4	0
88	The process by which editors are selected. <i>Precision Nanomedicine</i> , 0, , .	0.4	0
89	Open access, Copyright, Deposit, and Archival Policies. <i>Precision Nanomedicine</i> , 0, , .	0.4	0
90	Research Ethics Policy. <i>Precision Nanomedicine</i> , 0, , .	0.4	1

#	ARTICLE	IF	CITATIONS
91	Case reports and similar articles. Precision Nanomedicine, 0, , .	0.4	0
92	Human and Animal Rights Statement - Informed consent. Precision Nanomedicine, 0, , .	0.4	0
93	Conflict of Interest policy. Precision Nanomedicine, 0, , .	0.4	0
94	Precision Nanomedicine Volume 3 Issue 3 Table of Contents. Precision Nanomedicine, 0, , .	0.4	0
95	Advertising policy. Precision Nanomedicine, 0, , .	0.4	0