

Jean-Pierre Majoral

List of Publications by Year in descending order

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354
papers

18,463
citations

8755

75
h-index

23530

111
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369
all docs

369
docs citations

369
times ranked

11224
citing authors

#	ARTICLE	IF	CITATIONS
1	Dendrimers Containing Heteroatoms (Si, P, B, Ge, or Bi). <i>Chemical Reviews</i> , 1999, 99, 845-880.	47.7	560
2	Construction of iron oxide nanoparticle-based hybrid platforms for tumor imaging and therapy. <i>Chemical Society Reviews</i> , 2018, 47, 1874-1900.	38.1	300
3	A General Synthetic Strategy for Neutral Phosphorus-Containing Dendrimers. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 1589-1592.	4.4	288
4	Expand classical drug administration ways by emerging routes using dendrimer drug delivery systems: A concise overview. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 1316-1330.	13.7	271
5	Characterization of dendrimers. <i>Advanced Drug Delivery Reviews</i> , 2005, 57, 2130-2146.	13.7	248
6	A Phosphorus-Based Dendrimer Targets Inflammation and Osteoclastogenesis in Experimental Arthritis. <i>Science Translational Medicine</i> , 2011, 3, 81ra35.	12.4	207
7	Dendrimer Surface Chemistry. Facile Route to Polyphosphines and Their Gold Complexes. <i>Journal of the American Chemical Society</i> , 1995, 117, 9764-9765.	13.7	204
8	Preparation of Water-Soluble Cationic Phosphorus-Containing Dendrimers as DNA Transfecting Agents. <i>Chemistry - A European Journal</i> , 1999, 5, 3644-3650.	3.3	189
9	Synthesis of Phosphorus-Containing Macrocycles and Cryptands. <i>Chemical Reviews</i> , 1994, 94, 1183-1213.	47.7	185
10	Nanomaterials Based on Phosphorus Dendrimers. <i>Accounts of Chemical Research</i> , 2004, 37, 341-348.	15.6	184
11	Enhanced Catalytic Properties of Copper in O- and N-Arylation and Vinylation Reactions, Using Phosphorus Dendrimers as Ligands. <i>Journal of the American Chemical Society</i> , 2006, 128, 15990-15991.	13.7	182
12	Dendrimers and nanomedicine: multivalency in action. <i>New Journal of Chemistry</i> , 2009, 33, 1809.	2.8	176
13	Regioselective Stepwise Growth of Dendrimer Units in the Internal Voids of a Main Dendrimer. <i>Science</i> , 1997, 277, 1981-1984.	12.6	175
14	Dendrimeric coating of glass slides for sensitive DNA microarrays analysis. <i>Nucleic Acids Research</i> , 2003, 31, 88e-88.	14.5	172
15	Cationic phosphorus-containing dendrimers reduce prion replication both in cell culture and in mice infected with scrapie. <i>Journal of General Virology</i> , 2004, 85, 1791-1799.	2.9	172
16	Synthesis and Reactivity of Unusual Phosphorus Dendrimers. A Useful Divergent Growth Approach Up to the Seventh Generation. <i>Journal of the American Chemical Society</i> , 1995, 117, 3282-3283.	13.7	169
17	Dendrimers in combination with natural products and analogues as anti-cancer agents. <i>Chemical Society Reviews</i> , 2018, 47, 514-532.	38.1	156
18	Water-Soluble Dendrimeric Two-Photon Tracers for In Vivo Imaging. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4645-4648.	13.8	154

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19	Rapid Synthesis of Phosphorus-Containing Dendrimers with Controlled Molecular Architectures: First Example of Surface-Block, Layer-Block, and Segment-Block Dendrimers Issued from the Same Dendron. <i>Journal of the American Chemical Society</i> , 2000, 122, 2499-2511.	13.7	152
20	Simultaneous Excitation of Propagating and Localized Surface Plasmon Resonance in Nanoporous Gold Membranes. <i>Analytical Chemistry</i> , 2006, 78, 7346-7350.	6.5	151
21	Large Dipole Moments of Phosphorus-Containing Dendrimers. <i>Macromolecules</i> , 1997, 30, 7335-7337.	4.8	149
22	Designing dendrimers for ocular drug delivery. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 326-334.	5.5	149
23	Synthesis of bowl-shaped dendrimers from generation 1 to generation 8. <i>Journal of Organometallic Chemistry</i> , 1997, 529, 51-58.	1.8	148
24	Dendrimeric phosphines in asymmetric catalysis. <i>Chemical Society Reviews</i> , 2008, 37, 56-67.	38.1	143
25	Multiplication of Human Natural Killer Cells by Nanosized Phosphonate-Capped Dendrimers. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2523-2526.	13.8	138
26	Phosphorus-Containing Dendrimers and Their Transition Metal Complexes as Efficient Recoverable Multicenter Homogeneous Catalysts in Organic Synthesis. <i>Organometallics</i> , 2000, 19, 4025-4029.	2.3	136
27	The key role of the scaffold on the efficiency of dendrimer nanodrugs. <i>Nature Communications</i> , 2015, 6, 7722.	12.8	133
28	Design of phosphorylated dendritic architectures to promote human monocyte activation. <i>FASEB Journal</i> , 2006, 20, 2339-2351.	0.5	132
29	Janus-dendrimers: syntheses and properties. <i>New Journal of Chemistry</i> , 2012, 36, 217-226.	2.8	129
30	Water-soluble phosphorus-containing dendrimers. <i>Progress in Polymer Science</i> , 2005, 30, 491-505.	24.7	125
31	Dendrimers and DNA: Combinations of Two Special Topologies for Nanomaterials and Biology. <i>Chemistry - A European Journal</i> , 2008, 14, 7422-7432.	3.3	125
32	Organocatalysis with dendrimers. <i>Chemical Society Reviews</i> , 2012, 41, 4113.	38.1	124
33	The dendritic effect illustrated with phosphorus dendrimers. <i>Chemical Society Reviews</i> , 2015, 44, 3890-3899.	38.1	118
34	Advances in Combination Therapies Based on Nanoparticles for Efficacious Cancer Treatment: An Analytical Report. <i>Biomacromolecules</i> , 2015, 16, 1-27.	5.4	117
35	Water-Soluble Polycationic Dendrimers with a Phosphoramidothioate Backbone: Preliminary Studies of Cytotoxicity and Oligonucleotide/Plasmid Delivery in Human Cell Culture. <i>Oligonucleotides</i> , 2003, 13, 193-205.	2.7	113
36	Organophosphorus Dendrimers as New Gelators for Hydrogels. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2626-2629.	13.8	112

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37	Mannodendrimers prevent acute lung inflammation by inhibiting neutrophil recruitment. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 8795-8800.	7.1	112
38	The specific contribution of phosphorus in dendrimer chemistry. Chemical Communications, 2002, , 2929-2942.	4.1	111
39	New Mesotextured Hybrid Materials Made from Assemblies of Dendrimers and Titanium(IV)-Oxo-Organo Clusters. Angewandte Chemie - International Edition, 2000, 39, 4249-4254.	13.8	110
40	Immobilization of Redox-Active Ligands on an Electrode: The Dendrimer Route. Angewandte Chemie - International Edition, 2001, 40, 224-227.	13.8	110
41	Nanometric Sponges Made of Water-Soluble Hydrophobic Dendrimers. Journal of the American Chemical Society, 2004, 126, 2304-2305.	13.7	104
42	Dendrimer space concept for innovative nanomedicine: A futuristic vision for medicinal chemistry. Progress in Polymer Science, 2013, 38, 993-1008.	24.7	104
43	A modular approach to two-photon absorbing organic nanodots: brilliant dendrimers as an alternative to semiconductor quantum dots?. Chemical Communications, 2006, , 915.	4.1	103
44	Tailored Control and Optimisation of the Number of Phosphonic Acid Termini on Phosphorus-Containing Dendrimers for the Ex Vivo Activation of Human Monocytes. Chemistry - A European Journal, 2008, 14, 4836-4850.	3.3	102
45	Phosphorus Dendrimers Affect Alzheimer's (A β) ²⁸ Peptide and MAP-Tau Protein Aggregation. Molecular Pharmaceutics, 2012, 9, 458-469.	4.6	98
46	Dendrimer Design: How to Circumvent the Dilemma of a Reduction of Steps or an Increase of Function Multiplicity?. Angewandte Chemie - International Edition, 2003, 42, 1822-1826.	13.8	96
47	Formation of Dendrimer Nanotubes by Layer-by-Layer Deposition. Small, 2004, 1, 99-102.	10.0	96
48	Dendrimers and nanotubes: a fruitful association. Chemical Society Reviews, 2010, 39, 2034.	38.1	96
49	Pyrene-Tagged Dendritic Catalysts Noncovalently Grafted onto Magnetic Co/C Nanoparticles: An Efficient and Recyclable System for Drug Synthesis. Angewandte Chemie - International Edition, 2013, 52, 3626-3629.	13.8	94
50	First Divergent Strategy Using Two AB ₂ Unprotected Monomers for the Rapid Synthesis of Dendrimers. Journal of the American Chemical Society, 2001, 123, 6698-6699.	13.7	93
51	MALDI TOF Mass Spectrometry for the Characterization of Phosphorus-Containing Dendrimers. Scope and Limitations. Analytical Chemistry, 2000, 72, 5097-5105.	6.5	92
52	Organometallic Derivatives of Phosphorus-containing Dendrimers. Synthesis, Properties and Applications in Catalysis.. Current Organic Chemistry, 2002, 6, 739-774.	1.6	92
53	Optimisation of dendrimer-mediated gene transfer by anionic oligomers. Journal of Gene Medicine, 2003, 5, 61-71.	2.8	89
54	Anti-inflammatory and immunosuppressive activation of human monocytes by a bioactive dendrimer. Journal of Leukocyte Biology, 2009, 85, 553-562.	3.3	89

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55	Polyaminophosphine Containing Dendrimers. Syntheses and Characterization. Journal of the American Chemical Society, 1995, 117, 5470-5476.	13.7	88
56	Original Multivalent Copper(II)-Conjugated Phosphorus Dendrimers and Corresponding Mononuclear Copper(II) Complexes with Antitumoral Activities. Molecular Pharmaceutics, 2013, 10, 1459-1464.	4.6	88
57	Biological properties of phosphorus dendrimers. New Journal of Chemistry, 2010, 34, 1512.	2.8	87
58	Dendrilsides, dendrichips: a simple chemical functionalization of glass slides with phosphorus dendrimers as an effective means for the preparation of biochips. New Journal of Chemistry, 2003, 27, 1713-1719.	2.8	86
59	Palladium(0) Nanoparticles Stabilized by Phosphorus Dendrimers Containing Coordinating 15-Membered Triolefinic Macrocycles in Periphery. Langmuir, 2008, 24, 2090-2101.	3.5	85
60	Multicharged and/or Water-Soluble Fluorescent Dendrimers: Properties and Uses. Chemistry - A European Journal, 2009, 15, 9270-9285.	3.3	85
61	Biological Properties of New Viologen-Phosphorus Dendrimers. Molecular Pharmaceutics, 2012, 9, 448-457.	4.6	85
62	Coordination chemistry with phosphorus dendrimers. Applications as catalysts, for materials, and in biology. Coordination Chemistry Reviews, 2016, 308, 478-497.	18.8	85
63	Synthesis and Characterization of Linear, Hyperbranched, and Dendrimer-Like Polymers Constituted of the Same Repeating Unit. Chemistry - A European Journal, 2001, 7, 3095-3105.	3.3	84
64	“Lego”-Chemistry for the Straightforward Synthesis of Dendrimers. Journal of Organic Chemistry, 2003, 68, 6043-6046.	3.2	84
65	Octasubstituted Metal-Free Phthalocyanine as Core of Phosphorus Dendrimers: A Probe for the Properties of the Internal Structure. Journal of the American Chemical Society, 2005, 127, 15762-15770.	13.7	84
66	Water-Soluble Group 8 and 9 Transition Metal Complexes Containing a Trihydrazinophosphaadamantane Ligand: Catalytic Applications in Isomerization of Allylic Alcohols and Cycloisomerization of (Z)-Enynols in Aqueous Medium. Advanced Synthesis and Catalysis, 2006, 348, 1671-1679.	4.3	84
67	Synthesis and Application of Phosphorus Dendrimer Immobilized Azabis(oxazolines). Organic Letters, 2007, 9, 2895-2898.	4.6	84
68	Synthesis and structure of the first cyclodiphosphazene. Dimerization of a phosphonitrile :P≡N. Journal of the American Chemical Society, 1984, 106, 6088-6089.	13.7	83
69	The specific functionalization of cyclotriphosphazene for the synthesis of smart dendrimers. Dalton Transactions, 2016, 45, 1810-1822.	3.3	82
70	EPR Study of the Interactions between Dendrimers and Peptides Involved in Alzheimer's and Prion Diseases. Macromolecular Bioscience, 2007, 7, 1065-1074.	4.1	81
71	Functional Quantum Dot/Dendrimer Nanotubes for Sensitive Detection of DNA Hybridization. Small, 2008, 4, 566-571.	10.0	80
72	Regioselective Gold Complexation within the Cascade Structure of Phosphorus-Containing Dendrimers. Chemistry - A European Journal, 1998, 4, 2031-2036.	3.3	79

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73	Phosphorus-Containing Dendrimers: Synthesis of Macromolecules with Multiple Tri- and Tetrafunctionalization. <i>Chemistry - A European Journal</i> , 1996, 2, 1417-1426.	3.3	78
74	Chemistry within Megamolecules: Regiospecific Functionalization after Construction of Phosphorus Dendrimers. <i>Journal of the American Chemical Society</i> , 1998, 120, 13070-13082.	13.7	78
75	Anti-Inflammatory Effect of Anti-TNF- α siRNA Cationic Phosphorus Dendrimer Nanocomplexes Administered Intranasally in a Murine Acute Lung Injury Model. <i>Biomacromolecules</i> , 2017, 18, 2379-2388.	5.4	78
76	Doxorubicin-Conjugated PAMAM Dendrimers for pH-Responsive Drug Release and Folic Acid-Targeted Cancer Therapy. <i>Pharmaceutics</i> , 2018, 10, 162.	4.5	78
77	Dendritic Catanionic Assemblies: In vitro Anti-HIV Activity of Phosphorus-Containing Dendrimers Bearing Gal β 1cer Analogues. <i>ChemBioChem</i> , 2005, 6, 2207-2213.	2.6	77
78	Present drug-likeness filters in medicinal chemistry during the hit and lead optimization process: how far can they be simplified?. <i>Drug Discovery Today</i> , 2018, 23, 605-615.	6.4	77
79	Chemoselective Polyalkylations of Phosphorus-Containing Dendrimers. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 596-599.	4.4	76
80	Naked Au ₅₅ Clusters: Dramatic Effect of a Thiol-Terminated Dendrimer. <i>Chemistry - A European Journal</i> , 2000, 6, 1693-1697.	3.3	75
81	Divergent Approaches to Phosphorus-Containing Dendrimers and their Functionalization. <i>Topics in Current Chemistry</i> , 1998, , 79-124.	4.0	75
82	Phosphorus-Containing Dendrimers with Ferrocenyl Units at the Core, within the Branches, and on the Periphery. <i>Macromolecules</i> , 2000, 33, 7328-7336.	4.8	74
83	Polyelectrolyte Layer-by-Layer Deposition in Cylindrical Nanopores. <i>ACS Nano</i> , 2010, 4, 3909-3920.	14.6	74
84	Grafting of water-soluble phosphines to dendrimers and their use in catalysis: positive dendritic effects in aqueous media. <i>Dalton Transactions</i> , 2009, , 4432.	3.3	73
85	Versatile Complexation Ability of Very Large Phosphino-Terminated Dendrimers. <i>Inorganic Chemistry</i> , 1997, 36, 1939-1945.	4.0	72
86	Dendrimer Space Exploration: An Assessment of Dendrimers/Dendritic Scaffolding as Inhibitors of Protein-Protein Interactions, a Potential New Area of Pharmaceutical Development. <i>Chemical Reviews</i> , 2014, 114, 1327-1342.	47.7	72
87	Anticancer siRNA cocktails as a novel tool to treat cancer cells. Part (B). Efficiency of pharmacological action. <i>International Journal of Pharmaceutics</i> , 2015, 485, 288-294.	5.2	71
88	Phosphorus-Containing Dendrimers: Chemoselective Functionalization of Internal Layers. <i>Journal of the American Chemical Society</i> , 1998, 120, 4029-4030.	13.7	70
89	Iminophosphine Palladium Complexes in Catalytic Stille Coupling Reactions: From Monomers to Dendrimers. <i>Organometallics</i> , 2002, 21, 4680-4687.	2.3	70
90	Resonating piezoelectric membranes for microelectromechanically based bioassay: detection of streptavidin-gold nanoparticles interaction with biotinylated DNA. <i>Sensors and Actuators B: Chemical</i> , 2005, 110, 125-136.	7.8	70

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91	Synthesis of hybrid dendrimer-star polymers by the RAFT process. <i>Chemical Communications</i> , 2004, , 2110-2111.	4.1	69
92	New phosphorus dendrimers with chiral ferrocenyl phosphine-thioether ligands on the periphery for asymmetric catalysis. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 1064-1073.	1.8	69
93	Segmental Mobility in Phosphorus-Containing Dendrimers. Studies by Fluorescent Spectroscopy. <i>Macromolecules</i> , 2001, 34, 5599-5606.	4.8	68
94	Cationic and Fluorescent Janus-Dendrimers. <i>Organic Letters</i> , 2008, 10, 4751-4754.	4.6	68
95	Regulatory activity of azabisphosphonate-capped dendrimers on human CD4+ T cell proliferation enhances ex-vivo expansion of NK cells from PBMCs for immunotherapy. <i>Journal of Translational Medicine</i> , 2009, 7, 82.	4.4	68
96	Specific functionalization on the surface of dendrimers. <i>Tetrahedron Letters</i> , 1996, 37, 9053-9056.	1.4	67
97	Cooperative Two-Photon Absorption Enhancement by Through-Space Interactions in Multichromophoric Compounds. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8691-8694.	13.8	66
98	Influence of phosphorus dendrimers on the aggregation of the prion peptide PrP 185-208. <i>Biochemical and Biophysical Research Communications</i> , 2007, 364, 20-25.	2.1	65
99	Synthesis and Properties of Dendrimers Possessing the Same Fluorophore(s) Located Either Peripherally or Off-Center. <i>Journal of Organic Chemistry</i> , 2007, 72, 8707-8715.	3.2	65
100	Thiazolyl-phosphine hydrochloride salts: effective auxiliary ligands for ruthenium-catalyzed nitrile hydration reactions and related amide bond forming processes in water. <i>Green Chemistry</i> , 2013, 15, 2447.	9.0	65
101	Anticancer copper(II) phosphorus dendrimers are potent proapoptotic Bax activators. <i>European Journal of Medicinal Chemistry</i> , 2017, 132, 142-156.	5.5	65
102	New Synthetic Strategies for Phosphorus-Containing Cryptands and the First Phosphorus Spherand Type Compound. <i>Journal of the American Chemical Society</i> , 1994, 116, 5007-5008.	13.7	64
103	Anticancer siRNA cocktails as a novel tool to treat cancer cells. Part (A). Mechanisms of interaction. <i>International Journal of Pharmaceutics</i> , 2015, 485, 261-269.	5.2	64
104	Cyclotriphosphazene core-based dendrimers for biomedical applications: an update on recent advances. <i>Journal of Materials Chemistry B</i> , 2018, 6, 884-895.	5.8	64
105	Phosphorus-Containing Dendrimers. Easy Access to New Multi-Difunctionalized Macromolecules. <i>Journal of Organic Chemistry</i> , 1996, 61, 3799-3805.	3.2	63
106	Organic nanodots for multiphotonics: synthesis and photophysical studies. <i>New Journal of Chemistry</i> , 2007, 31, 1354.	2.8	63
107	Viologen-Phosphorus Dendrimers Inhibit β -Synuclein Fibrillation. <i>Molecular Pharmaceutics</i> , 2013, 10, 1131-1137.	4.6	63
108	New chiral phosphorus-containing dendrimers with ferrocenes on the periphery. <i>Tetrahedron</i> , 2001, 57, 2521-2536.	1.9	62

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109	Polycationic phosphorus dendrimers: synthesis, characterization, study of cytotoxicity, complexation of DNA, and transfection experiments. <i>New Journal of Chemistry</i> , 2009, 33, 318-326.	2.8	62
110	Why and how have drug discovery strategies in pharma changed? What are the new mindsets?. <i>Drug Discovery Today</i> , 2016, 21, 239-249.	6.4	62
111	Dendrimers or Nanoparticles as Supports for the Design of Efficient and Recoverable Organocatalysts?. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 1748-1754.	4.3	59
112	Phosphine-terminated dendrimers. <i>Coordination Chemistry Reviews</i> , 1998, 178-180, 793-821.	18.8	58
113	Photochemical and thermal rearrangement of heavier main-group element azides. <i>Accounts of Chemical Research</i> , 1986, 19, 17-23.	15.6	57
114	Behavior of an Optically Active Ferrocene Chiral Shell Located within Phosphorus-Containing Dendrimers. <i>Organometallics</i> , 2002, 21, 1891-1897.	2.3	57
115	Fluorinated dendrimers. <i>Current Opinion in Colloid and Interface Science</i> , 2003, 8, 282-295.	7.4	57
116	Dendrimer therapeutics: covalent and ionic attachments. <i>New Journal of Chemistry</i> , 2012, 36, 227-240.	2.8	57
117	Superstructured poly(amidoamine) dendrimer-based nanoconstructs as platforms for cancer nanomedicine: A concise review. <i>Coordination Chemistry Reviews</i> , 2020, 421, 213463.	18.8	57
118	Phosphorus-containing dendrimers against α -synuclein fibril formation. <i>International Journal of Biological Macromolecules</i> , 2012, 50, 1138-1143.	7.5	56
119	Ruthenium Hydride and Dihydrogen Complexes with Dendrimeric Multidentate Ligands. <i>Organometallics</i> , 1997, 16, 3489-3497.	2.3	55
120	Assembly and Mechanical Properties of Phosphorus Dendrimer/Polyelectrolyte Multilayer Microcapsules. <i>Langmuir</i> , 2005, 21, 7200-7206.	3.5	55
121	Organic-Inorganic Hybrid Materials Incorporating Phosphorus-Containing Dendrimers. <i>Chemistry of Materials</i> , 2000, 12, 3848-3856.	6.7	54
122	Synthesis of phosphorus dendrimers bearing chromophoric end groups: toward organic blue light-emitting diodes. <i>Tetrahedron</i> , 2006, 62, 11891-11899.	1.9	54
123	Original Multivalent Gold(III) and Dual Gold(III)-Copper(II) Conjugated Phosphorus Dendrimers as Potent Antitumoral and Antimicrobial Agents. <i>Molecular Pharmaceutics</i> , 2017, 14, 4087-4097.	4.6	54
124	Can dendrimer based nanoparticles fight neurodegenerative diseases? Current situation versus other established approaches. <i>Progress in Polymer Science</i> , 2017, 64, 23-51.	24.7	54
125	Uses of Dendrimers for DNA Microarrays. <i>Sensors</i> , 2006, 6, 901-914.	3.8	54
126	Dendrimer-silica hybrid mesoporous materials. <i>New Journal of Chemistry</i> , 2012, 36, 241-255.	2.8	53

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127	Interactions between dendrimers and heparin and their implications for the anti-prion activity of dendrimers. <i>New Journal of Chemistry</i> , 2009, 33, 1087.	2.8	50
128	Ein allgemeiner Zugang zu neutralen, phosphorhaltigen Dendrimeren. <i>Angewandte Chemie</i> , 1994, 106, 1682-1684.	2.0	48
129	Phosphorus-containing dendrimers bearing galactosylceramide analogs: Self-assembly properties Electronic supplementary information (ESI) available: experimental. See http://www.rsc.org/suppdata/cc/b2/b204287h/ . <i>Chemical Communications</i> , 2002, , 1864-1865.	4.1	48
130	A third generation chiral phosphorus-containing dendrimer as ligand in Pd-catalyzed asymmetric allylic alkylation. <i>Tetrahedron Letters</i> , 2005, 46, 6503-6506.	1.4	48
131	Synthesis of Dendrimers Terminated by Bis(diphenylphosphinomethyl)amino Ligands and Use of Their Palladium Complexes for Catalyzing C-C Cross-Coupling Reactions. <i>Organometallics</i> , 2008, 27, 2066-2073.	2.3	48
132	Doxycycline-regulated GDNF expression promotes axonal regeneration and functional recovery in transected peripheral nerve. <i>Journal of Controlled Release</i> , 2013, 172, 841-851.	9.9	48
133	Polyazaphosphorus macrocycles. Synthetic approaches to symmetric or dissymmetric 18-, 20-, 22-, and 30-membered rings. <i>Journal of the American Chemical Society</i> , 1990, 112, 5618-5623.	13.7	47
134	Dendrimers Containing Zwitterionic [Phosphonium Anionic Zirconocene(IV)] Complexes. <i>Organometallics</i> , 1999, 18, 1580-1582.	2.3	47
135	Phosphorus dendrimers possessing metallic groups in their internal structure (core or branches): Syntheses and properties. <i>Coordination Chemistry Reviews</i> , 2005, 249, 1917-1926.	18.8	47
136	Bench-to-bedside translation of dendrimers: Reality or utopia? A concise analysis. <i>Advanced Drug Delivery Reviews</i> , 2018, 136-137, 73-81.	13.7	47
137	Dendrimers as macromolecular tools to tackle from colon to brain tumor types: a concise overview. <i>New Journal of Chemistry</i> , 2013, 37, 3337.	2.8	46
138	Surface, core, and structure modifications of phosphorus-containing dendrimers. Influence on the thermal stability. <i>Tetrahedron</i> , 2003, 59, 3965-3973.	1.9	45
139	Optical Properties of Hybrid Dendritic Mesoporous Titania Nanocomposite Films. <i>Chemistry - A European Journal</i> , 2008, 14, 7658-7669.	3.3	45
140	Dendritic phosphoramidite ligands for Rh-catalyzed [2+2+2] cycloaddition reactions: unprecedented enhancement of enantiodiscrimination. <i>Chemical Communications</i> , 2012, 48, 9248.	4.1	45
141	Efficient and recyclable rare earth-based catalysts for Friedel-Crafts acylations under microwave heating: dendrimers show the way. <i>Green Chemistry</i> , 2013, 15, 2075.	9.0	44
142	Self-Assembly of Water-Soluble Dendrimers into Thermoreversible Hydrogels and Macroscopic Fibers. <i>Langmuir</i> , 2004, 20, 9348-9353.	3.5	43
143	Cationic phosphorus dendrimers and therapy for Alzheimer's disease. <i>New Journal of Chemistry</i> , 2015, 39, 4852-4859.	2.8	43
144	Synthesis and Photochemical Behavior of Phosphorus Dendrimers Containing Azobenzene Units within the Branches and/or on the Surface. <i>Chemistry - A European Journal</i> , 2002, 8, 2172.	3.3	41

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145	Giant dendrimer-like particles from nanolatexes. <i>Chemical Communications</i> , 2004, , 1816-1817.	4.1	41
146	Interaction of cationic phosphorus dendrimers (CPD) with charged and neutral lipid membranes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 82, 8-12.	5.0	41
147	Design of new tools for macrocyclic synthesis. Applications to the preparation of polyphosphorus macrocycles. <i>Journal of Organic Chemistry</i> , 1992, 57, 970-975.	3.2	40
148	Localized surface plasmon resonance coupling in Au nanoparticles/phosphorus dendrimer multilayer thin films fabricated by layer-by-layer self-assembly method. <i>Journal of Materials Chemistry</i> , 2009, 19, 2006.	6.7	40
149	Phosphonate terminated PPH dendrimers: influence of pendant alkyl chains on the in vitro anti-HIV-1 properties. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3491.	2.8	40
150	Interactions of phosphorus-containing dendrimers with liposomes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2011, 1811, 221-226.	2.4	40
151	Revisiting Cationic Phosphorus Dendrimers as a Nonviral Vector for Optimized Gene Delivery Toward Cancer Therapy Applications. <i>Biomacromolecules</i> , 2020, 21, 2502-2511.	5.4	40
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