Jean-Pierre Majoral

List of Publications by Year in Descending Order

357 papers	15,919 citations	71 h-index	102 g-index
369 ext. papers	17,093 ext. citations	7.9 avg, IF	6.59 L-index

#	Paper	IF	Citations
357	Phosphorus dendron nanomicelles as a platform for combination anti-inflammatory and antioxidative therapy of acute lung injury.. *Theranostics*, **2022**, 12, 3407-3419	12.1	1
356	In Vitro Validation of the Therapeutic Potential of Dendrimer-Based Nanoformulations against Tumor Stem Cells. *International Journal of Molecular Sciences*, **2022**, 23, 5691	6.3	2
355	Dendriplex-Impregnated Hydrogels With Programmed Release Rate.. *Frontiers in Chemistry*, **2021**, 9, 780608	5	3
354	Copper complexes of phosphorus dendrimers and their properties. *Inorganica Chimica Acta*, **2021**, 517, 120212	2.7	3
353	Engineered non-invasive functionalized dendrimer/dendron-entrapped/complexed gold nanoparticles as a novel class of theranostic (radio)pharmaceuticals in cancer therapy. *Journal of Controlled Release*, **2021**, 332, 346-366	11.7	10
352	Safe Polycationic Dendrimers as Potent Oral In Vivo Inhibitors of : A New Therapy to Take Down Tuberculosis. *Biomacromolecules*, **2021**, 22, 2659-2675	6.9	5
351	First-in-class and best-in-class dendrimer nanoplatforms from concept to clinic: Lessons learned moving forward. *European Journal of Medicinal Chemistry*, **2021**, 219, 113456	6.8	6
350	Non-invasive intranasal administration route directly to the brain using dendrimer nanoplatforms: An opportunity to develop new CNS drugs. *European Journal of Medicinal Chemistry*, **2021**, 209, 112905	6.8	15
349	Multivalent Copper(II)-Conjugated Phosphorus Dendrimers with Noteworthy and Antitumor Activities: A Concise Overview. *Molecular Pharmaceutics*, **2021**, 18, 65-73	5.6	5
348	In vivo therapeutic applications of phosphorus dendrimers: state of the art. *Drug Discovery Today*, **2021**, 26, 677-689	8.8	10
347	Impact of molecular rigidity on the gene delivery efficiency of core-shell tecto dendrimers. *Journal of Materials Chemistry B*, **2021**, 9, 6149-6154	7.3	0
346	Hybrid phosphorus□viologen dendrimers as new soft nanoparticles: design and properties. *Organic Chemistry Frontiers*, **2021**, 8, 4607-4622	5.2	2
345	Dendritic Macromolecular Architectures: Dendrimer-Based Polyion Complex Micelles. *Biomacromolecules*, **2021**, 22, 262-274	6.9	4
344	Clinical diagonal translation of nanoparticles: Case studies in dendrimer nanomedicine. *Journal of Controlled Release*, **2021**, 337, 356-370	11.7	5
343	Functionalized Dendrimer Platforms as a New Forefront Arsenal Targeting SARS-CoV-2: An Opportunity. *Pharmaceutics*, **2021**, 13,	6.4	3
342	Facile Synthesis of Amphiphilic Fluorescent Phosphorus Dendron-Based Micelles as Antiproliferative Agents: First Investigations. *Bioconjugate Chemistry*, **2021**, 32, 339-349	6.3	8
341	Revisiting Cationic Phosphorus Dendrimers as a Nonviral Vector for Optimized Gene Delivery Toward Cancer Therapy Applications. *Biomacromolecules*, **2020**, 21, 2502-2511	6.9	24

340	Phosphorus dendrimer-based copper(II) complexes enable ultrasound-enhanced tumor theranostics. *Nano Today*, **2020**, 33, 100899	17.9	23
339	Generation Dependent Effects and Entrance to Mitochondria of Hybrid Dendrimers on Normal and Cancer Neuronal Cells In Vitro. *Biomolecules*, **2020**, 10,	5.9	5
338	Potent Anticancer Efficacy of First-In-Class Cu and Au Metaled Phosphorus Dendrons with Distinct Cell Death Pathways. *Chemistry - A European Journal*, **2020**, 26, 5903-5910	4.8	8
337	In Search of a Phosphorus Dendrimer-Based Carrier of Rose Bengal: Tyramine Linker Limits Fluorescent and Phototoxic Properties of a Photosensitizer. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	7
336	Superstructured poly(amidoamine) dendrimer-based nanoconstructs as platforms for cancer nanomedicine: A concise review. *Coordination Chemistry Reviews*, **2020**, 421, 213463	23.2	41
335	From Riluzole to Dexpramipexole via Substituted-Benzothiazole Derivatives for Amyotrophic Lateral Sclerosis Disease Treatment: Case Studies. *Molecules*, **2020**, 25,	4.8	6
334	Phosphorus dendrimers as powerful nanoplatforms for drug delivery, as fluorescent probes and for liposome interaction studies: A concise overview. *European Journal of Medicinal Chemistry*, **2020**, 208, 112788	6.8	7
333	Dendrimers toward Translational Nanotherapeutics: Concise Key Step Analysis. *Bioconjugate Chemistry*, **2020**, 31, 2060-2071	6.3	25
332	Dendrimer- and polymeric nanoparticle-aptamer bioconjugates as nonviral delivery systems: a new approach in medicine. *Drug Discovery Today*, **2020**, 25, 1065-1073	8.8	24
331	Morpholino-functionalized phosphorus dendrimers for precision regenerative medicine: osteogenic differentiation of mesenchymal stem cells. *Nanoscale*, **2019**, 11, 17230-17234	7.7	2
330	Fluorescent phosphorus dendrimers excited by two photons: synthesis, two-photon absorption properties and biological uses. *Beilstein Journal of Organic Chemistry*, **2019**, 15, 2287-2303	2.5	5
329	Urea-assisted cooperative assembly of phosphorus dendrimer–zinc oxide hybrid nanostructures. *New Journal of Chemistry*, **2019**, 43, 2141-2147	3.6	5
328	Dendrimer-Enabled Therapeutic Antisense Delivery Systems as Innovation in Medicine. *Bioconjugate Chemistry*, **2019**, 30, 1938-1950	6.3	23
327	Dendrimer for Templating the Growth of Porous Catechol-Coordinated Titanium Dioxide Frameworks: Toward Hemocompatible Nanomaterials. *ACS Applied Nano Materials*, **2019**, 2, 2979-2990	5.6	6
326	Dendrimer mediated targeting of siRNA against polo-like kinase for the treatment of triple negative breast cancer. *Journal of Biomedical Materials Research - Part A*, **2019**, 107, 1933-1944	5.4	16
325	Phosphorus dendrimers functionalised with nitrogen ligands, for catalysis and biology. *Dalton Transactions*, **2019**, 48, 7483-7493	4.3	7
324	Exploration of biomedical dendrimer space based on in-vitro physicochemical parameters: key factor analysis (Part 1). *Drug Discovery Today*, **2019**, 24, 1176-1183	8.8	23
323	Exploration of biomedical dendrimer space based on in-vivo physicochemical parameters: Key factor analysis (Part 2). *Drug Discovery Today*, **2019**, 24, 1184-1192	8.8	22

322	Interfacial complexation driven three-dimensional assembly of cationic phosphorus dendrimers and graphene oxide sheets. *Nanoscale Advances*, **2019**, 1, 314-321	5.1	7
321	Metal-based phosphorus dendrimers as novel nanotherapeutic strategies to tackle cancers: A concise overview. *Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology*, **2019**, 11, e1577	9.2	10
320	Synergistic Effects of Anionic/Cationic Dendrimers and Levofloxacin on Antibacterial Activities. *Molecules*, **2019**, 24,	4.8	23
319	Fluorescent Phosphorus Dendrimers: Towards Material and Biological Applications. *ChemPlusChem*, **2019**, 84, 1070-1080	2.8	17
318	Phosphorhydrazones as Useful Building Blocks for Special Architectures: Macrocycles and Dendrimers. *European Journal of Inorganic Chemistry*, **2019**, 2019, 1457-1475	2.3	8
317	Design, complexing and catalytic properties of phosphorus thiazoles and benzothiazoles: a concise overview. *New Journal of Chemistry*, **2019**, 43, 16785-16795	3.6	4
316	Dendrimeric Nanoparticles for Two-Photon Photodynamic Therapy and Imaging: Synthesis, Photophysical Properties, Innocuousness in Daylight and Cytotoxicity under Two-Photon Irradiation in the NIR. *Chemistry - A European Journal*, **2019**, 25, 3637-3649	4.8	23
315	Recent therapeutic applications of the theranostic principle with dendrimers in oncology. *Science China Materials*, **2018**, 61, 1367-1386	7.1	21
314	Synthesis of dissymmetric phosphorus dendrimers using an unusual protecting group. *New Journal of Chemistry*, **2018**, 42, 8985-8991	3.6	4
313	Construction of iron oxide nanoparticle-based hybrid platforms for tumor imaging and therapy. *Chemical Society Reviews*, **2018**, 47, 1874-1900	58.5	214
312	Interactions gold/phosphorus dendrimers. Versatile ways to hybrid organic–metallic macromolecules. *Coordination Chemistry Reviews*, **2018**, 358, 80-91	23.2	16
311	Cyclotriphosphazene core-based dendrimers for biomedical applications: an update on recent advances. *Journal of Materials Chemistry B*, **2018**, 6, 884-895	7.3	44
310	Targeted tumor dual mode CT/MR imaging using multifunctional polyethylenimine-entrapped gold nanoparticles loaded with gadolinium. *Drug Delivery*, **2018**, 25, 178-186	7	29
309	Present drug-likeness filters in medicinal chemistry during the hit and lead optimization process: how far can they be simplified?. *Drug Discovery Today*, **2018**, 23, 605-615	8.8	53
308	Engineering CNDPs of dendrimers containing phosphorous interior compositions to produce new emerging properties. *Journal of Nanoparticle Research*, **2018**, 20, 1	2.3	2
307	First-in-Class Combination Therapy of a Copper(II) Metallo-Phosphorus Dendrimer with Cytotoxic Agents. *Oncology*, **2018**, 94, 324-328	3.6	11
306	Dual properties of water-soluble Ru-PTA complexes of dendrimers: Catalysis and interaction with DNA. *Inorganica Chimica Acta*, **2018**, 470, 106-112	2.7	15
305	New Ways to Treat Tuberculosis Using Dendrimers as Nanocarriers. *Pharmaceutics*, **2018**, 10,	6.4	19

304	Which Dendrimer to Attain the Desired Properties? Focus on Phosphorhydrazone Dendrimers. *Molecules*, **2018**, 23,	4.8	14
303	Multiplexing technology for in vitro diagnosis of pathogens: the key contribution of phosphorus dendrimers. *Science China Materials*, **2018**, 61, 1454-1461	7.1	4
302	Hydrogels of Polycationic Acetohydrazone-Modified Phosphorus Dendrimers for Biomedical Applications: Gelation Studies and Nucleic Acid Loading. *Pharmaceutics*, **2018**, 10,	6.4	5
301	First-in-Class Anti-Cancer Nanoparticle Copper(Ii) Phosphorus Dendrimers as Pro-Apoptotic Bax Activators **2018**, 245-264		1
300	Dendrimers in combination with natural products and analogues as anti-cancer agents. *Chemical Society Reviews*, **2018**, 47, 514-532	58.5	122
299	Bench-to-bedside translation of dendrimers: Reality or utopia? A concise analysis. *Advanced Drug Delivery Reviews*, **2018**, 136-137, 73-81	18.5	37
298	Doxorubicin-Conjugated PAMAM Dendrimers for pH-Responsive Drug Release and Folic Acid-Targeted Cancer Therapy. *Pharmaceutics*, **2018**, 10,	6.4	51
297	Elucidating the role of surface chemistry on cationic phosphorus dendrimer-siRNA complexation. *Nanoscale*, **2018**, 10, 10952-10962	7.7	17
296	Symmetrical and unsymmetrical incorporation of active biological monomers on the surface of phosphorus dendrimers. *Tetrahedron*, **2017**, 73, 1331-1341	2.4	4
295	BF2 complexes of 1,3-diketones on the surface of phosphorus dendrimers: synthesis and study of the photoluminescence properties. *Canadian Journal of Chemistry*, **2017**, 95, 948-953	0.9	5
294	Anti-Inflammatory Effect of Anti-TNF-□SiRNA Cationic Phosphorus Dendrimer Nanocomplexes Administered Intranasally in a Murine Acute Lung Injury Model. *Biomacromolecules*, **2017**, 18, 2379-2388	6.9	49
293	Versatile Reactivity of Cyclic 1,2-Dimethylhydrazinodiphosphines. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2017**, 643, 903-908	1.3	1
292	Anticancer copper(II) phosphorus dendrimers are potent proapoptotic Bax activators. *European Journal of Medicinal Chemistry*, **2017**, 132, 142-156	6.8	54
291	Cationic Phosphorus Dendrimer Enhances Photodynamic Activity of Rose Bengal against Basal Cell Carcinoma Cell Lines. *Molecular Pharmaceutics*, **2017**, 14, 1821-1830	5.6	19
290	Original Multivalent Gold(III) and Dual Gold(III)-Copper(II) Conjugated Phosphorus Dendrimers as Potent Antitumoral and Antimicrobial Agents. *Molecular Pharmaceutics*, **2017**, 14, 4087-4097	5.6	43
289	Multi-Target Inhibition of Cancer Cell Growth by SiRNA Cocktails and 5-Fluorouracil Using Effective Piperidine-Terminated Phosphorus Dendrimers. *Colloids and Interfaces*, **2017**, 1, 6	3	21
288	Can dendrimer based nanoparticles fight neurodegenerative diseases? Current situation versus other established approaches. *Progress in Polymer Science*, **2017**, 64, 23-51	29.6	42
287	Complexing Methylene Blue with Phosphorus Dendrimers to Increase Photodynamic Activity. *Molecules*, **2017**, 22,	4.8	10

286	The specific functionalization of cyclotriphosphazene for the synthesis of smart dendrimers. *Dalton Transactions*, **2016**, 45, 1810-22	4.3	67
285	Why and how have drug discovery strategies in pharma changed? What are the new mindsets?. *Drug Discovery Today*, **2016**, 21, 239-49	8.8	43
284	Coordination chemistry with phosphorus dendrimers. Applications as catalysts, for materials, and in biology. *Coordination Chemistry Reviews*, **2016**, 308, 478-497	23.2	70
283	A novel class of ethacrynic acid derivatives as promising drug-like potent generation of anticancer agents with established mechanism of action. *European Journal of Medicinal Chemistry*, **2016**, 122, 656-673	4.8	23
282	Ordered Layered Dendrimers Constructed from Two Known Dendrimer Families: Inheritance and Emergence of Properties. *Chemistry - A European Journal*, **2016**, 22, 10736-42	4.8	9
281	Compound high-quality criteria: a new vision to guide the development of drugs, current situation. *Drug Discovery Today*, **2016**, 21, 573-84	8.8	27
280	Fourier transform infrared spectroscopy (FTIR) characterization of the interaction of anti-cancer photosensitizers with dendrimers. *Analytical and Bioanalytical Chemistry*, **2016**, 408, 535-44	4.4	22
279	Bifunctional Phosphorus Dendrimers and Their Properties. *Molecules*, **2016**, 21, 538	4.8	25
278	Silica Functionalized by Bifunctional Dendrimers: Hybrid Nanomaterials for Trapping CO2. *European Journal of Inorganic Chemistry*, **2016**, 2016, 3103-3110	2.3	13
277	Recoverable Dendritic Phase-Transfer Catalysts that Contain (+)-Cinchonine-Derived Ammonium Salts. *ChemCatChem*, **2016**, 8, 2049-2056	5.2	7
276	Cyclotriphosphazene, an old compound applied to the synthesis of smart dendrimers with tailored properties. *Pure and Applied Chemistry*, **2016**, 88, 919-929	2.1	12
275	Thiazoyl phosphines. Design, reactivity, and complexation. *Dalton Transactions*, **2016**, 45, 9695-703	4.3	3
274	Layer-by-layer self-assembly of bisdendrons: An unprecedented route to multilayer thin films. *Macromolecular Research*, **2016**, 24, 851-855	1.9	3
273	Orthogonal Synthesis of Covalent Polydendrimer Frameworks by Fusing Classical and Onion-Peel Phosphorus-Based Dendritic Units. *Macromolecules*, **2016**, 49, 5796-5805	5.5	10
272	Synthesis of onion-peel nanodendritic structures with sequential functional phosphorus diversity. *Chemistry - A European Journal*, **2015**, 21, 6400-8	4.8	29
271	Phosphorus dendrimers and photodynamic therapy. Spectroscopic studies on two dendrimer-photosensitizer complexes: Cationic phosphorus dendrimer with rose bengal and anionic phosphorus dendrimer with methylene blue. *International Journal of Pharmaceutics*, **2015**, 492, 266-74	6.5	31
270	Synthesis and characterization of bifunctional dendrimers: preliminary use for the coating of gold surfaces and the proliferation of human osteoblasts (HOB). *New Journal of Chemistry*, **2015**, 39, 7194-7205	3.6	20
269	Organophosphonate bridged anatase mesocrystals: low temperature crystallization, thermal growth and hydrogen photo-evolution. *Dalton Transactions*, **2015**, 44, 15544-56	4.3	16

268	The key role of the scaffold on the efficiency of dendrimer nanodrugs. *Nature Communications*, **2015**, 6, 7722	17.4	116
267	Anticancer siRNA cocktails as a novel tool to treat cancer cells. Part (A). Mechanisms of interaction. *International Journal of Pharmaceutics*, **2015**, 485, 261-9	6.5	56
266	Anticancer siRNA cocktails as a novel tool to treat cancer cells. Part (B). Efficiency of pharmacological action. *International Journal of Pharmaceutics*, **2015**, 485, 288-94	6.5	61
265	Ternary cooperative assembly--polymeric condensation of photoactive viologen, phosphonate-terminated dendrimers and crystalline anatase nanoparticles. *Chemical Communications*, **2015**, 51, 17716-9	5.8	11
264	Biological Activity of Mesoporous Dendrimer-Coated Titanium Dioxide: Insight on the Role of the Surface-Interface Composition and the Framework Crystallinity. *ACS Applied Materials & Interfaces*, **2015**, 7, 19994-20003	9.5	23
263	Advances in combination therapies based on nanoparticles for efficacious cancer treatment: an analytical report. *Biomacromolecules*, **2015**, 16, 1-27	6.9	85
262	Investigations on dendrimer space reveal solid and liquid tumor growth-inhibition by original phosphorus-based dendrimers and the corresponding monomers and dendrons with ethacrynic acid motifs. *Nanoscale*, **2015**, 7, 3915-22	7.7	18
261	The dendritic effect illustrated with phosphorus dendrimers. *Chemical Society Reviews*, **2015**, 44, 3890-9	58.5	104
260	(+)-Cinchonine-Decorated Dendrimers as Recoverable Organocatalysts. *ChemCatChem*, **2015**, 7, 2698-2704	5.2	6
259	Fluorescent Phosphorus Dendrimer as a Spectral Nanosensor for Macrophage Polarization and Fate Tracking in Spinal Cord Injury. *Macromolecular Bioscience*, **2015**, 15, 1523-34	5.5	27
258	Synthesis, characterization and biological properties of new hybrid carbosilane□viologen□phosphorus dendrimers. *RSC Advances*, **2015**, 5, 25942-25958	3.7	21
257	Cationic phosphorus dendrimers and therapy for Alzheimer's disease. *New Journal of Chemistry*, **2015**, 39, 4852-4859	3.6	31
256	Phosphorus dendrimers as supports of transition metal catalysts. *Inorganica Chimica Acta*, **2015**, 431, 3-20	2.7	14
255	Dendrimer space exploration: an assessment of dendrimers/dendritic scaffolding as inhibitors of protein-protein interactions, a potential new area of pharmaceutical development. *Chemical Reviews*, **2014**, 114, 1327-42	68.1	68
254	Poly(phosphorhydrazone) metallodendrimers. A review. *Inorganica Chimica Acta*, **2014**, 409, 68-88	2.7	18
253	Radical Dendrimers: A Family of Five Generations of Phosphorus Dendrimers Functionalized with TEMPO Radicals. *Macromolecules*, **2014**, 47, 7717-7724	5.5	33
252	Viologen-based dendritic macromolecular asterisks: synthesis and interplay with gold nanoparticles. *Chemical Communications*, **2014**, 50, 6981-3	5.8	13
251	Supermolecular columnar liquid-crystalline phosphorus dendrimers decorated with sulfonamide derivatives. *Chemistry - A European Journal*, **2014**, 20, 17047-58	4.8	4

250	In vitro PAMAM, phosphorus and viologen-phosphorus dendrimers prevent rotenone-induced cell damage. *International Journal of Pharmaceutics*, **2014**, 474, 42-9	6.5	13
249	Interference of cationic polymeric nanoparticles with clinical chemistry tests--clinical relevance. *International Journal of Pharmaceutics*, **2014**, 473, 599-606	6.5	13
248	Bifunctional metallodendrimers based on AB5 derivatives of cyclotriphosphazene as core and P,N ligands as terminal functions. *Inorganica Chimica Acta*, **2014**, 409, 121-126	2.7	11
247	A viologen phosphorus dendritic molecule as a carrier of ATP and Mant-ATP: spectrofluorimetric and NMR studies. *New Journal of Chemistry*, **2014**, 38, 6212-6222	3.6	9
246	HIV-antigens charged on phosphorus dendrimers as tools for tolerogenic dendritic cells-based immunotherapy. *Current Medicinal Chemistry*, **2014**, 21, 1898-909	4.3	18
245	Mechanism of cationic phosphorus dendrimer toxicity against murine neural cell lines. *Molecular Pharmaceutics*, **2013**, 10, 3484-96	5.6	24
244	Original multivalent copper(II)-conjugated phosphorus dendrimers and corresponding mononuclear copper(II) complexes with antitumoral activities. *Molecular Pharmaceutics*, **2013**, 10, 1459-64	5.6	73
243	Thiazolyl-phosphine hydrochloride salts: effective auxiliary ligands for ruthenium-catalyzed nitrile hydration reactions and related amide bond forming processes in water. *Green Chemistry*, **2013**, 15, 2447	10	59
242	Positively charged phosphorus dendrimers. An overview of their properties. *New Journal of Chemistry*, **2013**, 37, 3358	3.6	29
241	Diversified Strategies for the Synthesis of Bifunctional Dendrimeric Structures. *European Journal of Organic Chemistry*, **2013**, 2013, 5414-5422	3.2	15
240	Viologen-phosphorus dendrimers exhibit minor toxicity against a murine neuroblastoma cell line. *Cellular and Molecular Biology Letters*, **2013**, 18, 459-78	8.1	13
239	Janus carbosilane/phosphorhydrazone dendrimers synthesized by the "click" Staudinger reaction. *Tetrahedron Letters*, **2013**, 54, 6864-6867	2	12
238	Doxycycline-regulated GDNF expression promotes axonal regeneration and functional recovery in transected peripheral nerve. *Journal of Controlled Release*, **2013**, 172, 841-51	11.7	48
237	Interaction between viologen-phosphorus dendrimers and α-synuclein. *Journal of Luminescence*, **2013**, 134, 132-137	3.8	8
236	Effect of viologen-phosphorus dendrimers on acetylcholinesterase and butyrylcholinesterase activities. *International Journal of Biological Macromolecules*, **2013**, 54, 119-24	7.9	20
235	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, 3626-9	16.4	83
234	Copper in dendrimer synthesis and applications of copper–dendrimer systems in catalysis: a concise overview. *Tetrahedron*, **2013**, 69, 3103-3133	2.4	23
233	Expand classical drug administration ways by emerging routes using dendrimer drug delivery systems: a concise overview. *Advanced Drug Delivery Reviews*, **2013**, 65, 1316-30	18.5	225

232	Low temperature synthesis of ordered mesoporous stable anatase nanocrystals: the phosphorus dendrimer approach. *Nanoscale*, **2013**, 5, 2850-6	7.7	29
231	Dendrimer space concept for innovative nanomedicine: A futuristic vision for medicinal chemistry. *Progress in Polymer Science*, **2013**, 38, 993-1008	29.6	95
230	Dendrimers or Nanoparticles as Supports for the Design of Efficient and Recoverable Organocatalysts?. *Advanced Synthesis and Catalysis*, **2013**, 355, 1748-1754	5.6	56
229	Dendrimers as macromolecular tools to tackle from colon to brain tumor types: a concise overview. *New Journal of Chemistry*, **2013**, 37, 3337	3.6	40
228	Synthesis and structural characterization of a dendrimer model compound based on a cyclotriphosphazene core with TEMPO radicals as substituents. *Organic Letters*, **2013**, 15, 3490-3	6.2	28
227	Efficient and recyclable rare earth-based catalysts for Friedel□Crafts acylations under microwave heating: dendrimers show the way. *Green Chemistry*, **2013**, 15, 2075	10	40
226	Viologen-Phosphorus Dendrimers Inhibit □Synuclein Fibrillation. *Molecular Pharmaceutics*, **2013**, 10, 1131-7	5.6	53
225	Mannodendrimers prevent acute lung inflammation by inhibiting neutrophil recruitment. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 8795-800	11.5	83
224	Pyrene-Tagged Dendritic Catalysts Noncovalently Grafted onto Magnetic Co/C Nanoparticles: An Efficient and Recyclable System for Drug Synthesis. *Angewandte Chemie*, **2013**, 125, 3714-3717	3.6	17
223	Promising low-toxicity of viologen-phosphorus dendrimers against embryonic mouse hippocampal cells. *Molecules*, **2013**, 18, 12222-40	4.8	18
222	Probing single molecule interactions by AFM using bio-functionalized dendritips. *Sensors and Actuators B: Chemical*, **2012**, 168, 436-441	8.5	28
221	Number of terminal groups versus generation of the dendrimer, which criteria influence the catalytic properties?. *Tetrahedron Letters*, **2012**, 53, 3876-3879	2	19
220	Photo-physical and structural interactions between viologen phosphorus-based dendrimers and human serum albumin. *Journal of Luminescence*, **2012**, 132, 1553-1563	3.8	19
219	Molecular and Macromolecular Engineering with Viologens as Building Blocks: Rational Design of Phosphorus□Viologen Dendritic Structures. *European Journal of Organic Chemistry*, **2012**, 2012, 269-273	3.2	29
218	Synthesis of Dendritic □Diketones and Their Application in Copper-Catalyzed Diaryl Ether Formation. *European Journal of Organic Chemistry*, **2012**, 2012, 1056-1062	3.2	29
217	From graftable biphotonic chromophores to water-soluble organic nanodots for biophotonics: the importance of environmental effects. *Chemistry - A European Journal*, **2012**, 18, 16450-62	4.8	26
216	Dendritic phosphoramidite ligands for Rh-catalyzed [2+2+2] cycloaddition reactions: unprecedented enhancement of enantiodiscrimination. *Chemical Communications*, **2012**, 48, 9248-50	5.8	40
215	Dendrimer□silica hybrid mesoporous materials. *New Journal of Chemistry*, **2012**, 36, 241-255	3.6	45

214	Phosphorus-containing dendrimers against -synuclein fibril formation. *International Journal of Biological Macromolecules*, **2012**, 50, 1138-43	7.9	48
213	Synthesis and characterization of water-soluble ferrocene-dendrimers. *Journal of Organometallic Chemistry*, **2012**, 718, 22-30	2.3	14
212	anus dendrimers: syntheses and properties. *New Journal of Chemistry*, **2012**, 36, 217-226	3.6	110
211	Dendrimer therapeutics: covalent and ionic attachments. *New Journal of Chemistry*, **2012**, 36, 227-240	3.6	53
210	Biological properties of new viologen-phosphorus dendrimers. *Molecular Pharmaceutics*, **2012**, 9, 448-57	5.6	76
209	Phosphorus dendrimers affect Alzheimer's (A 1-28) peptide and MAP-Tau protein aggregation. *Molecular Pharmaceutics*, **2012**, 9, 458-69	5.6	81
208	Organocatalysis with dendrimers. *Chemical Society Reviews*, **2012**, 41, 4113-25	58.5	115
207	An efficient and recyclable dendritic catalyst able to dramatically decrease palladium leaching in Suzuki couplings. *Green Chemistry*, **2012**, 14, 2807	10	31
206	Hierarchically porous nanostructures through phosphonate-metal alkoxide condensation and growth using functionalized dendrimeric building blocks. *Chemical Communications*, **2011**, 47, 8626-8	5.8	32
205	Interactions of phosphorus-containing dendrimers with liposomes. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2011**, 1811, 221-6	5	38
204	Synthesis of dye/fluorescent functionalized dendrons based on cyclotriphosphazene. *Beilstein Journal of Organic Chemistry*, **2011**, 7, 1577-83	2.5	19
203	Nanostructuring polymeric materials by templating strategies. *Small*, **2011**, 7, 1384-91	11	16
202	Fluorescent core-shell star polymers based bioassays for ultrasensitive DNA detection by surface plasmon fluorescence spectroscopy. *Macromolecular Rapid Communications*, **2011**, 32, 679-83	4.8	29
201	Macrocyclic Core Phosphorus Dendrimers Covered on the Surface by N,P Ligands. *European Journal of Organic Chemistry*, **2011**, 2011, 1256-1265	3.2	13
200	Interaction of cationic phosphorus dendrimers (CPD) with charged and neutral lipid membranes. *Colloids and Surfaces B: Biointerfaces*, **2011**, 82, 8-12	6	40
199	Specific vapor sorption properties of phosphorus-containing dendrimers. *Journal of Colloid and Interface Science*, **2011**, 360, 204-10	9.3	11
198	A phosphorus-based dendrimer targets inflammation and osteoclastogenesis in experimental arthritis. *Science Translational Medicine*, **2011**, 3, 81ra35	17.5	172
197	Dendrimers and nanotubes: a fruitful association. *Chemical Society Reviews*, **2010**, 39, 2034-47	58.5	89

196	Synthesis of a fluorescent cationic phosphorus dendrimer and preliminary biological studies of its interaction with DNA. *Nucleosides, Nucleotides and Nucleic Acids*, **2010**, 29, 155-67	1.4	25
195	Polyelectrolyte layer-by-layer deposition in cylindrical nanopores. *ACS Nano*, **2010**, 4, 3909-20	16.7	68
194	Selective encapsulation of dye molecules in dendrimer/polymer multilayer microcapsules by DNA hybridization. *Journal of Materials Chemistry*, **2010**, 20, 1438		11
193	Biological properties of phosphorus dendrimers. *New Journal of Chemistry*, **2010**, 34, 1512	3.6	78
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