

Paul C Stein

List of Publications by Year in descending order

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66
papers

1,569
citations

304368

22
h-index

315357

38
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66
all docs

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docs citations

66
times ranked

1726
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantifying the barrier for the movement of cyclobis(paraquat-p-phenylene) over the dication of monopyrrolotetrathiafulvalene. <i>Organic and Biomolecular Chemistry</i> , 2022, , .	1.5	3
2	Towards a better mechanistic comprehension of drug permeation and absorption: Introducing the diffusion-partitioning interplay. <i>International Journal of Pharmaceutics</i> , 2021, 608, 121116.	2.6	12
3	Impact of Mucin on Drug Diffusion: Development of a Straightforward In Vitro Method for the Determination of Drug Diffusivity in the Presence of Mucin. <i>Pharmaceutics</i> , 2020, 12, 168.	2.0	25
4	Studying the effect of solubilizing agents on drug diffusion through the unstirred water layer (UWL) by localized spectroscopy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 139, 205-212.	2.0	17
5	Co-existing colloidal phases of human duodenal aspirates: Intraindividual fluctuations and interindividual variability in relation to molecular composition. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 170, 22-29.	1.4	13
6	Experimental Determination of Drug Diffusion Coefficients in Unstirred Aqueous Environments by Temporally Resolved Concentration Measurements. <i>Molecular Pharmaceutics</i> , 2018, 15, 1488-1494.	2.3	46
7	Co-existing colloidal phases in artificial intestinal fluids assessed by AF4/MALLS and DLS: A systematic study into cholate & (lyso-) phospholipid blends, incorporating celecoxib as a model drug. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 120, 61-72.	1.9	13
8	Characterization of co-existing colloidal structures in fasted state simulated fluids FaSSiF: A comparative study using AF4/MALLS, DLS and DOSY. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 145, 531-536.	1.4	15
9	Partitioning of resveratrol between pentane and DMSO – A contribution to resveratrol’s biomembrane interactions. <i>LWT - Food Science and Technology</i> , 2015, 62, 366-370.	2.5	0
10	In vivo quantitative NMR imaging of fruit tissues during growth using Spoiled Gradient Echo sequence. <i>Magnetic Resonance Imaging</i> , 2014, 32, 1418-1427.	1.0	10
11	Multifunctional liposomes for nasal delivery of the anti-Alzheimer drug tacrine hydrochloride. <i>Journal of Liposome Research</i> , 2014, 24, 323-335.	1.5	44
12	Coordination-Driven Switching of a Preorganized and Cooperative Calix[4]pyrrole Receptor. <i>Chemistry - A European Journal</i> , 2013, 19, 2768-2775.	1.7	6
13	A method for simultaneous quantification of phospholipid species by routine ³¹ P NMR. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 70, 708-712.	1.4	22
14	Quantification of the π-π Interactions that Govern Tertiary Structure in Donor-Acceptor [2]Pseudorotaxanes. <i>Journal of the American Chemical Society</i> , 2012, 134, 3857-3863.	6.6	31
15	Overcoming instability and low solubility of new cytostatic compounds: A comparison of two approaches. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 80, 657-662.	2.0	17
16	Self-Assembly of Dimeric Tetrathiafulvalene-Calix[4]pyrrole: Receptor for 1,3,5-Trinitrobenzene. <i>Organic Letters</i> , 2011, 13, 6176-6179.	2.4	8
17	A Novel Method for the Investigation of Liquid/Liquid Distribution Coefficients and Interface Permeabilities Applied to the Water-Octanol-Drug System. <i>Pharmaceutical Research</i> , 2011, 28, 2140-2146.	1.7	13
18	Synthesis and Complexation Studies between Trifluoromethylammonium Threads and Dibenzo[24]Crown-8. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 759-769.	1.2	4

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19	Solubilization of ibuprofen with β -cyclodextrin derivatives: Energetic and structural studies. Journal of Pharmaceutical and Biomedical Analysis, 2011, 55, 446-451.	1.4	56
20	Monopyrrolotetrathiafulvalenium dication and its complexation with 1,5-dinaphtho[38]crown-10. Supramolecular Chemistry, 2009, 21, 157-163.	1.5	3
21	Synthesis of the 3'-Hydroxymethyl- β -Branched Locked Nucleic Acid Thymidine Monomer. European Journal of Organic Chemistry, 2008, 2008, 5715-5722.	1.2	2
22	Binding studies of tetrathiafulvalene-calix[4]pyrroles with electron-deficient guests. Tetrahedron, 2008, 64, 8449-8463.	1.0	53
23	Chloride Anion Controlled Molecular "Switching": Binding of 2,5,7-Trinitro-9-dicyanomethylene-fluorene-C ₆₀ by Tetrathiafulvalene Calix[4]pyrrole and Photophysical Generation of Two Different Charge-Separated States. Journal of the American Chemical Society, 2008, 130, 460-462.	6.6	79
24	Functionally Rigid Bistable [2]Rotaxanes. Journal of the American Chemical Society, 2007, 129, 960-970.	6.6	125
25	Using Molecular Force to Overcome Steric Barriers in a Springlike Molecular Ouroboros**. Advanced Functional Materials, 2007, 17, 751-762.	7.8	39
26	¹⁹ F NMR studies of Nafion [®] ionomer adsorption on PEMFC catalysts and supporting carbons. Solid State Ionics, 2007, 178, 1568-1575.	1.3	67
27	Facile route for the synthesis of the iminosugar nucleoside (3R,4R)-1-(pyren-1-yl)-4-(hydroxymethyl)pyrrolidin-3-ol. Carbohydrate Research, 2004, 339, 1565-1568.	1.1	4
28	Strain-induced substitutional lability in a Ru(II) complex of a hypodentate polypyridine ligand. Dalton Transactions, 2004, , 1215-1220.	1.6	8
29	Apparent Specific Volume Measurements of Poly(ethylene oxide), Poly(butylene oxide), Poly(propylene) Tj ETQq1 1 0.784314 rgBT /Over Chemistry B, 2004, 108, 6242-6249.	1.2	74
30	NMR solution structure of dsDNA containing a bicyclic D-arabino-configured nucleotide fixed in an O4 ²⁻ -endo sugar conformation. Organic and Biomolecular Chemistry, 2003, 1, 1790-1797.	1.5	8
31	NMR structure of an \hat{A} -L-LNA:RNA hybrid: structural implications for RNase H recognition. Nucleic Acids Research, 2003, 31, 5858-5867.	6.5	46
32	Biphasic Behavior of the High-Spin \hat{A} ' Low-Spin Relaxation of [Fe(btpa)](PF ₆) ₂ in Solution (btpa) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2 134-139.	1.9	48
33	Hydrothermal synthesis, crystal structure and thermal transformation of a new zinc arsenate hydrate, Zn ₉ (AsO ₄) ₆ ·4H ₂ O. Journal of the Chemical Society Dalton Transactions, 1998, , 527-532.	1.1	4
34	Hydrothermal synthesis and crystal structure of \hat{A} -LiZnAsO ₄ . Journal of Materials Chemistry, 1998, 8, 969-975.	6.7	10
35	Dynamic Bis-Intercalation of a Homodimeric Thiazole Orange Dye in DNA: Evidence of Intercalator Creeping. Journal of Biomolecular Structure and Dynamics, 1997, 15, 321-332.	2.0	11
36	NMR investigation of some conjugated co-polymers: Poly(3-alkyl-co-3,4-dialkylthiophene). Synthetic Metals, 1997, 84, 211-212.	2.1	0

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37	Poly(3-butyl-co-3,4-dibutylthiophene) copolymers: a new series of conjugated materials with a different energy-gap. <i>Polymer</i> , 1996, 37, 1059-1064.	1.8	18
38	Self-Assembling Tetrathiafulvalene-Based Rotaxanes and Catenanes. <i>Chemistry - A European Journal</i> , 1996, 2, 624-633.	1.7	83
39	Optical properties and structure of thiophene substituted copolymers. <i>Solid State Communications</i> , 1996, 99, 707-712.	0.9	4
40	Durch Selbstorganisation zu nicht <i>trans/cis</i> -isomerisierenden Tetrathiafulvalenhaltigen [3]Pseudocatenanen. <i>Angewandte Chemie</i> , 1995, 107, 2719-2723.	1.6	23
41	Synthesis of Novel Tetrathiafulvalene-Based [3]Pseudocatenanes by Self-Assembly; Prevention of <i>trans/cis</i> Isomerization. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 2524-2528.	4.4	65
42	Design and Implementation of a Simple Shaped-Notch Filter. <i>Journal of Magnetic Resonance Series B</i> , 1995, 109, 93-96.	1.6	11
43	Preparation, Structure Determination and Thermal Transformation of a New Lithium Zinc Phosphate, γ -LiZnPO ₄ . <i>Journal of Solid State Chemistry</i> , 1995, 117, 39-47.	1.4	25
44	A benzoic acid ester from <i>Uvaria narum</i> . <i>Phytochemistry</i> , 1995, 38, 951-955.	1.4	13
45	Spectroscopic Analysis of Structural Defects in Poly(3-decylthiophene)s: Influence of the Polymerization Method. <i>The Journal of Physical Chemistry</i> , 1995, 99, 3331-3337.	2.9	11
46	A comparison of the hairpin stability of the palindromic d(CGCG(A/T)4CGCG) oligonucleotides. <i>Nucleic Acids Research</i> , 1995, 23, 4576-4582.	6.5	21
47	NMR study of the structural defects in poly(3-alkylthiophene)s: influence of the polymerization method. <i>Synthetic Metals</i> , 1995, 69, 305-306.	2.1	14
48	Spectroscopic analysis of structure in poly(3-butyl-co-3,4-dibutylthiophene) copolymers. <i>Synthetic Metals</i> , 1995, 69, 375-376.	2.1	6
49	Synthesis of 3'-C-(Hydroxymethyl)thymidine: Introduction of a Novel Class of Deoxynucleosides and Oligodeoxynucleotides. <i>Journal of the American Chemical Society</i> , 1994, 116, 2231-2232.	6.6	43
50	A new route to molecular sensors based on TTF. <i>Synthetic Metals</i> , 1993, 56, 1972-1977.	2.1	3
51	Influence of the chalcogenocarbonyl group on the structure of heterocyclic analogues of β -triacarbonyl compounds. Synthesis and structural features of Schiff bases derived from 3-formyl-4-thio(seleno)coumarin. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1993, , 2423-2428.	0.9	9
52	NMR investigation of doped poly(3-alkylthiophene)s. <i>Synthetic Metals</i> , 1993, 55, 708-713.	2.1	3
53	Two-dimensional solid state NMR studies of poly(aniline). <i>Synthetic Metals</i> , 1993, 55, 702-707.	2.1	4
54	Crown ether derivatives of tetrathiafulvalene. 1. <i>Journal of Organic Chemistry</i> , 1992, 57, 6403-6409.	1.7	123

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55	NMR studies of poly(3-alkylthiophenes). <i>Synthetic Metals</i> , 1991, 41, 559-562.	2.1	12
56	A study by solid-state and solution carbon-13 NMR on silicon-containing polyacetylenes. <i>Macromolecules</i> , 1991, 24, 2858-2861.	2.2	22
57	Differential line broadening in the NMR spectrum of methanol adsorbed on sol-gel silica. <i>Journal of the American Chemical Society</i> , 1989, 111, 5114-5119.	6.6	18
58	Solid-state carbon-13 NMR studies of the structural transition in <i>Physical Chemistry</i> , 1989, 93, 3038-3041.	2.9	7
59	High-resolution NMR in bistetramethyltetraselenafulvalenium salts [(TMTSF) ₂ X, X=ClO ₄ , ReO ₄ , and PF ₆]. <i>Physical Review B</i> , 1988, 37, 10637-10645.	1.1	4
60	High-resolution C ¹³ NMR investigation of the metal-semiconductor transition in an organic conductor. <i>Physical Review B</i> , 1987, 35, 4389-4392.	1.1	8
61	Temperature effects on the ¹³ C high resolution NMR in (TMTSF) ₂ X salts. <i>Synthetic Metals</i> , 1987, 19, 295-302.	2.1	0
62	High resolution NMR investigation in the organic conductors (TMTSF) ₂ X, X = ClO ₄ , ReO ₄ . <i>Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics</i> , 1986, 143, 491-493.	0.9	0
63	Temperature effects on the ¹³ C high resolution NMR in (TMTSF) ₂ X salts. <i>Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics</i> , 1986, 143, 494-496.	0.9	0
64	Nuclear relaxation and antiferromagnetic critical effects in organic conductors. <i>Physical Review B</i> , 1986, 33, 7608-7614.	1.1	22
65	Experimental results for liquid alkali-group IV alloys. <i>Journal of Non-Crystalline Solids</i> , 1984, 61-62, 201-206.	1.5	36
66	²³ Na Knight shift of liquid Na-Sn alloys. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1983, 95, 451-453.	0.9	25