Flavio Grynszpan

List of Publications by Year in descending order

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49 papers	1,696 citations	471061 17 h-index	276539 41 g-index
54 all docs	54 docs citations	54 times ranked	1648 citing authors

#	Article	IF	Citations
1	A dipodal bimaneâ€“ditriazoleâ€“diCu(<scp>ii</scp>) complex serves as an ultrasensitive water sensor. Chemical Communications, 2022, 58, 2690-2693.	2.2	7
2	Expedient synthesis and anticancer evaluation of dualâ€action 9â€anilinoacridine methyl triazene chimeras. Chemical Biology and Drug Design, 2021, 97, 237-252.	1.5	3
3	Re-enter the syn-(Me,I)Bimane: A Gateway to Bimane Derivatives with Extended Ï€-Systems. Synlett, 2021, 32, 1141-1145.	1.0	2
4	Dependable polysulfone based anion exchange membranes incorporating triazatriangulenium cations. Solid State Ionics, 2021, 370, 115731.	1.3	14
5	Facile Iodine Detection via Fluorescence Quenching of Î²â€Cyclodextrin:Bimaneâ€Ditriazole Inclusion Complexes. Israel Journal of Chemistry, 2021, 61, 253-260.	1.0	8
6	Highly Sensitive Water Detection Through Reversible Fluorescence Changes in a syn-Bimane Based Boronic Acid Derivative. Frontiers in Chemistry, 2021, 9, 782481.	1.8	4
7	Highly sensitive detection of cobalt through fluorescence changes in Î²-cyclodextrin-bimane complexes. Chemical Communications, 2020, 56, 12126-12129.	2.2	16
8	syn-(Me,Me)Bimane as a Structural Building Block in Metal Coordination Architectures. Crystal Growth and Design, 2019, 19, 4358-4368.	1.4	6
9	Dihalogen and Solvent-Free Preparation of syn-Bimane. Synlett, 2018, 29, 1043-1046.	1.0	7
10	Quenching of syn-bimane fluorescence by Na+ complexation. New Journal of Chemistry, 2018, 42, 15541-15545.	1.4	7
11	A twoâ€step strategy to visually identify molecularly imprinted polymers for tagged proteins. Journal of Separation Science, 2017, 40, 3358-3367.	1.3	7
12	Î±Â¯ Aminoisobutyric Acid Leads a Fluorescent syn-bimane LASER Probe Across the Blood-brain Barrier. Medicinal Chemistry, 2016, 12, 48-53.	0.7	5
13	Biolabile peptidyl delivery systems toward sequential drug release. Biopolymers, 2016, 106, 119-132.	1.2	13
14	syn-Bimane as a chelating O-donor ligand for palladium(ii). Dalton Transactions, 2016, 45, 17123-17131.	1.6	11
15	Synthesis and in vitro anticancer evaluation of 1,8-naphthalimide N(4) and S(4)-derivatives combining DNA intercalation and alkylation capabilities. Research on Chemical Intermediates, 2016, 42, 1741-1757.	1.3	8
16	1,4-Dihydropyridine Cationic Peptidomimetics with Antibacterial Activity. International Journal of Peptide Research and Therapeutics, 2015, 21, 243-247.	0.9	8
17	Three overlooked chemical approaches toward 3-naphthalimide amonafide N-derivatives. Tetrahedron Letters, 2014, 55, 6675-6679.	0.7	8
18	Automated Docking with Protein Flexibility in the Design of Femtomolar â€œClick Chemistryâ€•Inhibitors of Acetylcholinesterase. Journal of Chemical Information and Modeling, 2013, 53, 898-906.	2.5	36

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19	The reaction of a bis(spirodienone) calix[4]arene derivative with hydrazine. Arkivoc, 2003, 2003, 38-48.	0.3	0
20	Click Chemistry In Situ: Acetylcholinesterase as a Reaction Vessel for the Selective Assembly of a Femtomolar Inhibitor from an Array of Building Blocks. Angewandte Chemie - International Edition, 2002, 41, 1053-1057.	7.2	679
21	Cover Picture: Angew. Chem. Int. Ed. 6/2002. Angewandte Chemie - International Edition, 2002, 41, 875-875.	7.2	1
22	Mutants of 4-Oxalocrotonate Tautomerase Catalyze the Decarboxylation of Oxaloacetate through an Imine Mechanism. ChemBioChem, 2002, 3, 845-851.	1.3	10
23	Model of the ?L?2 integrin I-domain/ICAM-1 DI interface suggests that subtle changes in loop orientation determine ligand specificity. Proteins: Structure, Function and Bioinformatics, 2002, 48, 151-160.	1.5	15
24	Stereochemistry of a Spherand-Type Calixarene. Journal of Organic Chemistry, 2001, 66, 2900-2906.	1.7	14
25	Multiple reactive immunization towards the hydrolysis of organophosphorus nerve agents: hapten design and synthesis. Bioorganic and Medicinal Chemistry, 2001, 9, 3185-3195.	1.4	10
26	Opsin shift in an aldolase antibody. Bioorganic and Medicinal Chemistry Letters, 1999, 9, 2419-2424.	1.0	2
27	Use of antibodies to dissect the components of a catalytic event. The cyclopropenone hapten. Chemical Communications, 1998, , 865-866.	2.2	2
28	Conformational studies of calix[5]arenes containing a single alkanediyl bridgeâ€Šâ€. Journal of the Chemical Society Perkin Transactions II, 1998, , 2261-2270.	0.9	23
29	Conformation and Stereodynamics of Monodioxamethylene Calix[4]arene Derivatives. Journal of Organic Chemistry, 1998, 63, 3866-3874.	1.7	15
30	An Efficient Solâ˜Gel Reactor for Antibody-Catalyzed Transformations. Chemistry of Materials, 1997, 9, 2258-2260.	3.2	64
31	Structure and Equilibration Studies of Bis- and Tris(spirodienone) Derivatives of Medium-Sized Calixarenes. Journal of Organic Chemistry, 1996, 61, 9512-9521.	1.7	9
32	Alkanediyl Bridged Calix[4]arenes:Â Synthesis, Conformational Analysis, and Rotational Barriers. Journal of the American Chemical Society, 1996, 118, 12938-12949.	6.6	71
33	From calixarenes to macrocyclic polyethers. Chemical Communications, 1996, , 195.	2.2	6
34	Synthesis and reactions of large-ring spiro-dienone calixarene derivatives. Pure and Applied Chemistry, 1996, 68, 1249-1254.	0.9	10
35	Using antibodies to perturb the coordination sphere of a transition metal complex. Nature, 1996, 382, 339-341.	13.7	29
36	NMR diffusion coefficients of p-tert-butylcalix[n]arene systems. Journal of the Chemical Society Chemical Communications, 1995, , 1183.	2.0	28

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37	Calix[4]arenes with alkylidene bridges, synthesis and conformational properties. Tetrahedron Letters, 1994, 35, 6267-6270.	0.7	34
38	Preparation, structure and stereodynamics of phosphorus-bridged calixarenes. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 1994, 19, 237-256.	1.6	26
39	Large macrocyclic rings with complex architectures: polyspirodienone calix[6]arene derivatives. Journal of the Chemical Society Chemical Communications, 1994, , 2545.	2.0	13
40	Cyclization and Reductive Cleavage of Monospirodienone Calix[4]arene Derivatives. Trihydroxy-p-tert-butylcalix[4]arene Revisited. Journal of Organic Chemistry, 1994, 59, 2070-2074.	1.7	39
41	Spirodienone route for aminodehydroxylation: monoaminotrihydroxy-p-tert-butylcalix[4]arene. Journal of Organic Chemistry, 1993, 58, 1994-1996.	1.7	39
42	Preparation, stereochemistry, and reactions of the bis(spirodienone) derivatives of p-tert-butylcalix[4]arene. Journal of Organic Chemistry, 1993, 58, 393-402.	1.7	46
43	Phosphorus polybridged calixarenes. Journal of the Chemical Society Chemical Communications, 1993, , 13.	2.0	43
44	Proximal intraannular modifications of calix[4]arene via its spirodienone derivative. Journal of the Chemical Society Chemical Communications, 1993, , 11.	2.0	34
45	Transmission of internal rotations: correlated, uncorrelated, and localized disrotatory rotations in propeller chains. Journal of Organic Chemistry, 1993, 58, 6662-6670.	1.7	8
46	Source of the intraannular hydrogens in the dehydroxylation of calix [4] arene diethyl phosphate ester derivatives. Journal of Physical Organic Chemistry, 1992, 5, 155-159.	0.9	10
47	Partially hydroxyl depleted calix[4]arenes. Journal of Organic Chemistry, 1991, 56, 532-536.	1.7	65
48	Solution conformation and inversion barrier in p-tert-butyl-25,27-dihydroxycalix[4]arene. Tetrahedron Letters, 1991, 32, 5155-5158.	0.7	24
49	Reductive and oxidative reactions of calix[4]arene derivatives. Tetrahedron Letters, 1991, 32, 1909-1912.	0.7	14