

Flavio Grynszpan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8351824/publications.pdf>

Version: 2024-02-01

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	Click Chemistry In Situ: Acetylcholinesterase as a Reaction Vessel for the Selective Assembly of a Femtomolar Inhibitor from an Array of Building Blocks. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1053-1057.	7.2	679
2	Alkanediyl Bridged Calix[4]arenes: Synthesis, Conformational Analysis, and Rotational Barriers. <i>Journal of the American Chemical Society</i> , 1996, 118, 12938-12949.	6.6	71
3	Partially hydroxyl depleted calix[4]arenes. <i>Journal of Organic Chemistry</i> , 1991, 56, 532-536.	1.7	65
4	An Efficient Sol-Gel Reactor for Antibody-Catalyzed Transformations. <i>Chemistry of Materials</i> , 1997, 9, 2258-2260.	3.2	64
5	Preparation, stereochemistry, and reactions of the bis(spirodienone) derivatives of p-tert-butylcalix[4]arene. <i>Journal of Organic Chemistry</i> , 1993, 58, 393-402.	1.7	46
6	Phosphorus polybridged calixarenes. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 13.	2.0	43
7	Spirodienone route for aminodehydroxylation: monoaminotrihydroxy-p-tert-butylcalix[4]arene. <i>Journal of Organic Chemistry</i> , 1993, 58, 1994-1996.	1.7	39
8	Cyclization and Reductive Cleavage of Monospirodienone Calix[4]arene Derivatives. Trihydroxy-p-tert-butylcalix[4]arene Revisited. <i>Journal of Organic Chemistry</i> , 1994, 59, 2070-2074.	1.7	39
9	Automated Docking with Protein Flexibility in the Design of Femtomolar Click Chemistry Inhibitors of Acetylcholinesterase. <i>Journal of Chemical Information and Modeling</i> , 2013, 53, 898-906.	2.5	36
10	Proximal intraannular modifications of calix[4]arene via its spirodienone derivative. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 11.	2.0	34
11	Calix[4]arenes with alkylidene bridges, synthesis and conformational properties. <i>Tetrahedron Letters</i> , 1994, 35, 6267-6270.	0.7	34
12	Using antibodies to perturb the coordination sphere of a transition metal complex. <i>Nature</i> , 1996, 382, 339-341.	13.7	29
13	NMR diffusion coefficients of p-tert-butylcalix[n]arene systems. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 1183.	2.0	28
14	Preparation, structure and stereodynamics of phosphorus-bridged calixarenes. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1994, 19, 237-256.	1.6	26
15	Solution conformation and inversion barrier in p-tert-butyl-25,27-dihydroxycalix[4]arene. <i>Tetrahedron Letters</i> , 1991, 32, 5155-5158.	0.7	24
16	Conformational studies of calix[5]arenes containing a single alkanediyl bridge. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1998, , 2261-2270.	0.9	23
17	Highly sensitive detection of cobalt through fluorescence changes in β -cyclodextrin-bimane complexes. <i>Chemical Communications</i> , 2020, 56, 12126-12129.	2.2	16
18	Conformation and Stereodynamics of Monodioxamethylene Calix[4]arene Derivatives. <i>Journal of Organic Chemistry</i> , 1998, 63, 3866-3874.	1.7	15

#	ARTICLE	IF	CITATIONS
19	Model of the β 2 integrin I-domain/ICAM-1 DI interface suggests that subtle changes in loop orientation determine ligand specificity. <i>Proteins: Structure, Function and Bioinformatics</i> , 2002, 48, 151-160.	1.5	15
20	Reductive and oxidative reactions of calix[4]arene derivatives. <i>Tetrahedron Letters</i> , 1991, 32, 1909-1912.	0.7	14
21	Stereochemistry of a Spherand-Type Calixarene. <i>Journal of Organic Chemistry</i> , 2001, 66, 2900-2906.	1.7	14
22	Dependable polysulfone based anion exchange membranes incorporating triazatriangulenium cations. <i>Solid State Ionics</i> , 2021, 370, 115731.	1.3	14
23	Large macrocyclic rings with complex architectures: polyspirodienone calix[6]arene derivatives. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 2545.	2.0	13
24	Biolabile peptidyl delivery systems toward sequential drug release. <i>Biopolymers</i> , 2016, 106, 119-132.	1.2	13
25	syn-Bimane as a chelating O-donor ligand for palladium(ii). <i>Dalton Transactions</i> , 2016, 45, 17123-17131.	1.6	11
26	Source of the intraannular hydrogens in the dehydroxylation of calix [4] arene diethyl phosphate ester derivatives. <i>Journal of Physical Organic Chemistry</i> , 1992, 5, 155-159.	0.9	10
27	Synthesis and reactions of large-ring spiro-dienone calixarene derivatives. <i>Pure and Applied Chemistry</i> , 1996, 68, 1249-1254.	0.9	10
28	Multiple reactive immunization towards the hydrolysis of organophosphorus nerve agents: hapten design and synthesis. <i>Bioorganic and Medicinal Chemistry</i> , 2001, 9, 3185-3195.	1.4	10
29	Mutants of 4-Oxalocrotonate Tautomerase Catalyze the Decarboxylation of Oxaloacetate through an Imine Mechanism. <i>ChemBioChem</i> , 2002, 3, 845-851.	1.3	10
30	Structure and Equilibration Studies of Bis- and Tris(spirodienone) Derivatives of Medium-Sized Calixarenes. <i>Journal of Organic Chemistry</i> , 1996, 61, 9512-9521.	1.7	9
31	Transmission of internal rotations: correlated, uncorrelated, and localized disrotatory rotations in propeller chains. <i>Journal of Organic Chemistry</i> , 1993, 58, 6662-6670.	1.7	8
32	Three overlooked chemical approaches toward 3-naphthalimide amonafide N-derivatives. <i>Tetrahedron Letters</i> , 2014, 55, 6675-6679.	0.7	8
33	1,4-Dihydropyridine Cationic Peptidomimetics with Antibacterial Activity. <i>International Journal of Peptide Research and Therapeutics</i> , 2015, 21, 243-247.	0.9	8
34	Synthesis and in vitro anticancer evaluation of 1,8-naphthalimide N(4) and S(4)-derivatives combining DNA intercalation and alkylation capabilities. <i>Research on Chemical Intermediates</i> , 2016, 42, 1741-1757.	1.3	8
35	Facile Iodine Detection via Fluorescence Quenching of β -Cyclodextrin:Bimane-Ditriazole Inclusion Complexes. <i>Israel Journal of Chemistry</i> , 2021, 61, 253-260.	1.0	8
36	A two-step strategy to visually identify molecularly imprinted polymers for tagged proteins. <i>Journal of Separation Science</i> , 2017, 40, 3358-3367.	1.3	7

#	ARTICLE	IF	CITATIONS
37	Dihalogen and Solvent-Free Preparation of syn-Bimane. <i>Synlett</i> , 2018, 29, 1043-1046.	1.0	7
38	Quenching of syn-bimane fluorescence by Na ⁺ complexation. <i>New Journal of Chemistry</i> , 2018, 42, 15541-15545.	1.4	7
39	A dipodal bimane- <i>di</i> triazole- <i>di</i> Cu(<i>ii</i>) complex serves as an ultrasensitive water sensor. <i>Chemical Communications</i> , 2022, 58, 2690-2693.	2.2	7
40	From calixarenes to macrocyclic polyethers. <i>Chemical Communications</i> , 1996, , 195.	2.2	6
41	<i>syn</i> -(Me,Me)Bimane as a Structural Building Block in Metal Coordination Architectures. <i>Crystal Growth and Design</i> , 2019, 19, 4358-4368.	1.4	6
42	Γ^{\pm} Aminoisobutyric Acid Leads a Fluorescent syn-bimane LASER Probe Across the Blood-brain Barrier. <i>Medicinal Chemistry</i> , 2016, 12, 48-53.	0.7	5
43	Highly Sensitive Water Detection Through Reversible Fluorescence Changes in a syn-Bimane Based Boronic Acid Derivative. <i>Frontiers in Chemistry</i> , 2021, 9, 782481.	1.8	4
44	Expedient synthesis and anticancer evaluation of dual-action 9- <i>amino</i> acridine methyl triazene chimeras. <i>Chemical Biology and Drug Design</i> , 2021, 97, 237-252.	1.5	3
45	Use of antibodies to dissect the components of a catalytic event. The cyclopropanone hapten. <i>Chemical Communications</i> , 1998, , 865-866.	2.2	2
46	Opsin shift in an aldolase antibody. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1999, 9, 2419-2424.	1.0	2
47	Re-enter the syn-(Me,I)Bimane: A Gateway to Bimane Derivatives with Extended π -Systems. <i>Synlett</i> , 2021, 32, 1141-1145.	1.0	2
48	Cover Picture: <i>Angew. Chem. Int. Ed.</i> 6/2002. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 875-875.	7.2	1
49	The reaction of a bis(spirodienone) calix[4]arene derivative with hydrazine. <i>Arkivoc</i> , 2003, 2003, 38-48.	0.3	0