

Belen Vaz

List of Publications by Year in descending order

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41
papers

1,399
citations

430442

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329751

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docs citations

47
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	SERS optical accumulators as unified nanoplatfoms for tear sampling and sensing in soft contact lenses. <i>Nanoscale</i> , 2022, 14, 7991-7999.	2.8	2
2	Vitamin A5/X controls stress-adaptation and prevents depressive-like behaviors in a mouse model of chronic stress. <i>Neurobiology of Stress</i> , 2021, 15, 100375.	1.9	4
3	Enzymatic synthesis and characterization of chlorophyllide derivatives as possible internal standards for pigment chromatographic analysis. <i>Algal Research</i> , 2020, 46, 101688.	2.4	3
4	Pyrene-Containing <i>ortho</i> -Oligo(phenylene)ethynylene Foldamer as a Ratiometric Probe Based on Circularly Polarized Luminescence. <i>Journal of Organic Chemistry</i> , 2018, 83, 4455-4463.	1.7	75
5	Mass Spectrometry of Algal Chlorophyll c Compounds. <i>Current Organic Chemistry</i> , 2018, 22, 836-841.	0.9	4
6	A Biomimetic Escape Strategy for Cytoplasm Invasion by Synthetic Particles. <i>Angewandte Chemie</i> , 2017, 129, 13924-13928.	1.6	4
7	A Biomimetic Escape Strategy for Cytoplasm Invasion by Synthetic Particles. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13736-13740.	7.2	17
8	Stereocontrolled synthesis of (S)-9- cis - and (S)-11- cis -13,14-dihydroretinoic acid. <i>Tetrahedron</i> , 2016, 72, 3898-3904.	1.0	4
9	19,19- ² -Diacyloxy Signature: An Atypical Level of Structural Evolution in Carotenoid Pigments. <i>Organic Letters</i> , 2016, 18, 4642-4645.	2.4	6
10	9-cis-13,14-Dihydroretinoic Acid Is an Endogenous Retinoid Acting as RXR Ligand in Mice. <i>PLoS Genetics</i> , 2015, 11, e1005213.	1.5	98
11	Synthesis of labile all-trans-7,8,7- ² ,8- ² -bis-acetylenic carotenoids by bi-directional Horner-Wadsworth-Emmons condensation. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 3024-3031.	1.5	6
12	Enhancing the Exploitation of Functional Nanomaterials through Spatial Confinement: The Case of Inorganic Submicrometer Capsules. <i>Langmuir</i> , 2015, 31, 8745-8755.	1.6	18
13	Palladium Nanoparticle-Loaded Cellulose Paper: A Highly Efficient, Robust, and Recyclable Self-Assembled Composite Catalytic System. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 230-238.	2.1	82
14	Functions, Therapeutic Applications, and Synthesis of Retinoids and Carotenoids. <i>Chemical Reviews</i> , 2014, 114, 1-125.	23.0	277
15	Hollow-Shell Nanoreactors Endowed with High Catalytic Activity. <i>Chemistry - A European Journal</i> , 2013, 19, 12196-12211.	1.7	119
16	Chlorophyll <i>c</i> _{CS-170} Isolated from <i>Ostreococcus sp.</i> Is [7-Methoxycarbonyl-8-vinyl]protochlorophyllide <i>a</i> . <i>Organic Letters</i> , 2013, 15, 4430-4433.	2.4	10
17	Total Synthesis of Enantiopure Pyrroxanthin: Alternative Methods for the Stereoselective Preparation of α -Alkylidenebutenolides. <i>Chemistry - A European Journal</i> , 2013, 19, 13065-13074.	1.7	17
18	Nanoreactors for Simultaneous Remote Thermal Activation and Optical Monitoring of Chemical Reactions. <i>Journal of the American Chemical Society</i> , 2013, 135, 13616-13619.	6.6	70

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19	Structure-activity relationship studies of miniproteins targeting the androgen receptor-coactivator interaction. <i>MedChemComm</i> , 2013, 4, 187-192.	3.5	11
20	A conjunctive diiodoheptaene for the synthesis of C2-symmetric carotenoids. <i>Chemical Communications</i> , 2013, 49, 2694.	2.2	19
21	Macroscale Plasmonic Substrates for Highly Sensitive Surface-Enhanced Raman Scattering. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6459-6463.	7.2	75
22	Total synthesis of (8R,6 ² R)-peridinin-5,8-furanoxide. <i>Chemical Communications</i> , 2013, 49, 5043.	2.2	23
23	SH3-mediated targeting of Wrch1/RhoU by multiple adaptor proteins. <i>Biological Chemistry</i> , 2013, 394, 421-432.	1.2	14
24	Polymeric Premicelles as Efficient Lipophilic Nanocarriers: Extending Drug Uptake to the Submicellar Regime. <i>Langmuir</i> , 2013, 29, 11251-11259.	1.6	10
25	Macroscale Plasmonic Substrates for Highly Sensitive Surface-Enhanced Raman Scattering. <i>Angewandte Chemie</i> , 2013, 125, 6587-6591.	1.6	12
26	Advances in drug design with RXR modulators. <i>Expert Opinion on Drug Discovery</i> , 2012, 7, 1003-1016.	2.5	23
27	Mechanistic and Stereochemical Insights on the Pt-Catalyzed Rearrangement of Oxiranylpropargylic Esters to Cyclopentenones. <i>Journal of Organic Chemistry</i> , 2012, 77, 8733-8743.	1.7	17
28	Characterization of [8-ethyl]-chlorophyll c3 from <i>Emiliana huxleyi</i> . <i>Chemical Communications</i> , 2012, 48, 5500.	2.2	18
29	An on-bead assay for the identification of non-natural peptides targeting the Androgen Receptor-cofactor interaction. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 306-311.	1.4	7
30	Structural Coupling of 11 ^{cis} -7 ^α -Methyl- β -retinal and Amino Acids at the Ligand Binding Pocket of Rhodopsin. <i>Photochemistry and Photobiology</i> , 2009, 85, 485-493.	1.3	9
31	Selective, potent PPAR γ agonists with cyclopentenone core structure. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 1883-1886.	1.0	10
32	Computational design, synthesis, and evaluation of miniproteins as androgen receptor coactivator mimics. <i>Chemical Communications</i> , 2009, , 5377.	2.2	19
33	Stereoselective Stille Coupling of Enantiopure Haloallenes and Alkenylstannanes for the Synthesis of Allenyl Carotenoids. <i>Experimental and Computational Studies. Journal of Organic Chemistry</i> , 2008, 73, 6534-6541.	1.7	21
34	Stable helical peptoids via covalent side chain to side chain cyclization. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 2988.	1.5	28
35	Total Synthesis of Peridinin and Related C37-Norcarotenoid Butenolides. <i>Chemistry - A European Journal</i> , 2007, 13, 1273-1290.	1.7	52
36	The Stille Reaction in the Synthesis of the C37-Norcarotenoid Butenolide Pyrrhoxanthin. Scope and Limitations. <i>Journal of Organic Chemistry</i> , 2006, 71, 5914-5920.	1.7	26

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37	β -Allenyl Allyl Benzothiazole Sulfonyl Anions Undergo cis-Selective (Sylvestre) Julia Olefinations. <i>Synlett</i> , 2005, 2005, 294-298.	1.0	3
38	Simple Diastereoselectivity of the $\text{BF}_3 \cdot \text{OEt}_2$ -Catalyzed Vinylogous Mukaiyama Aldol Reaction of 2-(Trimethylsiloxy)furans with Aldehydes. <i>Journal of Organic Chemistry</i> , 2005, 70, 3654-3659.	1.7	33
39	The Stille Reaction in the Synthesis of Carotenoid Butenolides: Synthesis of 6-epi-Peridinin. <i>Organic Letters</i> , 2005, 7, 545-548.	2.4	57
40	Synthesis of Symmetrical Carotenoids by a Two-Fold Stille Reaction. <i>Journal of Organic Chemistry</i> , 2002, 67, 5040-5043.	1.7	50
41	Suzuki cross-coupling of meso-dibromoporphyrins for the synthesis of functionalized A2B2 porphyrins. <i>Tetrahedron Letters</i> , 2001, 42, 7409-7412.	0.7	43