

Guillaume ClavÃ©

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/670292/publications.pdf>

Version: 2024-02-01

26
papers

1,101
citations

430874

18
h-index

552781

26
g-index

29
all docs

29
docs citations

29
times ranked

1819
citing authors

#	ARTICLE	IF	CITATIONS
1	An histidine covalent receptor and butenolide complex mediates strigolactone perception. <i>Nature Chemical Biology</i> , 2016, 12, 787-794.	8.0	244
2	Thyroid hormone improves postischaemic recovery of function while limiting apoptosis: a new therapeutic approach to support hemodynamics in the setting of ischaemia-reperfusion?. <i>Basic Research in Cardiology</i> , 2009, 104, 69-77.	5.9	94
3	Novel Water-Soluble Near-Infrared Cyanine Dyes: Synthesis, Spectral Properties, and Use in the Preparation of Internally Quenched Fluorescent Probes. <i>Bioconjugate Chemistry</i> , 2007, 18, 1303-1317.	3.6	86
4	New Strigolactone Analogs as Plant Hormones with Low Activities in the Rhizosphere. <i>Molecular Plant</i> , 2014, 7, 675-690.	8.3	84
5	Efficient covalent functionalisation of carbon nanotubes: the use of click chemistry. <i>Chemical Science</i> , 2011, 2, 1887.	7.4	61
6	Straightforward Access to Protected α -Amino Hydroxy Acid Derivatives. <i>Angewandte Chemie International Edition</i> , 2008, 47, 4224-4227.	13.8	59
7	Ecocatalyzed Suzuki cross coupling of heteroaryl compounds. <i>Green Chemistry</i> , 2017, 19, 4093-4103.	9.0	44
8	Functionalization of Carbon Nanotubes through Polymerization in Micelles: A Bridge between the Covalent and Noncovalent Methods. <i>Chemistry of Materials</i> , 2013, 25, 2700-2707.	6.7	42
9	A highly sensitive competitive enzyme immunoassay of broad specificity quantifying microcystins and nodularins in water samples. <i>Toxicon</i> , 2009, 53, 551-559.	1.6	40
10	Modified internucleoside linkages for nuclease-resistant oligonucleotides. <i>RSC Chemical Biology</i> , 2021, 2, 94-150.	4.1	35
11	Synthesis of a multibranching porphyrin-oligonucleotide scaffold for the construction of DNA-based nano-architectures. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 2778-2783.	2.8	34
12	Synthesis and post-synthetic derivatization of a cyanine-based amino acid. Application to the preparation of a novel water-soluble NIR dye. <i>Tetrahedron Letters</i> , 2006, 47, 8279-8284.	1.4	33
13	The first metal-free water-soluble cryptophane-111. <i>Chemical Communications</i> , 2011, 47, 9702.	4.1	31
14	Ullmann reaction through ecocatalysis: insights from bioresource and synthetic potential. <i>RSC Advances</i> , 2016, 6, 59550-59564.	3.6	31
15	A <i>Phelipanche ramosa</i> KAI2 protein perceives strigolactones and isothiocyanates enzymatically. <i>Plant Communications</i> , 2021, 2, 100166.	7.7	31
16	A universal and ready-to-use heterotrifunctional cross-linking reagent for facile synthetic access to sophisticated bioconjugates. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 4329.	2.8	30
17	A novel heterotrifunctional peptide-based cross-linking reagent for facile access to bioconjugates. Applications to peptide fluorescent labelling and immobilisation. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 3065.	2.8	29
18	Validated Method for Strigolactone Quantification by Ultra High-Performance Liquid Chromatography Electro-spray Ionisation Tandem Mass Spectrometry Using Novel Deuterium Labelled Standards. <i>Phytochemical Analysis</i> , 2018, 29, 59-68.	2.4	22

#	ARTICLE	IF	CITATIONS
19	N-Fmoc-L-sulfo-L-alanine: a versatile building block for the water solubilisation of chromophores and fluorophores by solid-phase strategy. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 5337.	2.8	21
20	Latent fluorophores based on a Mannich cyclisation trigger. <i>Tetrahedron Letters</i> , 2006, 47, 6229-6233.	1.4	15
21	An Entry of the Chemoselective Sulfo-Click Reaction into the Sphere of Nucleic Acids. <i>Organic Letters</i> , 2020, 22, 1914-1918.	4.6	12
22	Biochemical Characterization of a Caspase-3 Far-red Fluorescent Probe for Non-invasive Optical Imaging of Neuronal Apoptosis. <i>Journal of Molecular Neuroscience</i> , 2014, 54, 451-462.	2.3	5
23	Synthesis of Profluorescent Strigolactone Probes for Biochemical Studies. <i>Methods in Molecular Biology</i> , 2021, 2309, 219-231.	0.9	5
24	Expansion of the Strigolactone Profluorescent Probes Repertory: The Right Probe for the Right Application. <i>Frontiers in Plant Science</i> , 2022, 13, .	3.6	4
25	Corrigendum to "Synthesis and post-synthetic derivatization of a cyanine-based amino acid. Application to the preparation of a novel water-soluble NIR dye". <i>Tetrahedron Letters</i> , 2007, 48, 501.	1.4	3
26	The Sulfo-Click Reaction and Dual Labeling of Nucleosides. <i>Current Protocols in Nucleic Acid Chemistry</i> , 2020, 83, e120.	0.5	2