Pierre Yves Renard

List of Publications by Year
in descending order

158	5,322	76326	114465
papers	citations	40 h-index	63 g-index

187	187	187	6320
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Crystal structures of human cholinesterases in complex with huprine W and tacrine: elements of specificity for anti-Alzheimer's drugs targeting acetyl- and butyryl-cholinesterase. Biochemical Journal, 2013, 453, 393-399.	3.7	334
2	Reactivators of Acetylcholinesterase Inhibited by Organophosphorus Nerve Agents. Accounts of Chemical Research, 2012, 45, 756-766.	15.6	316
3	Water-Soluble BODIPY Derivatives. Organic Letters, 2009, 11, 2049-2052.	4.6	170
4	Covalent Modification of Biomolecules through Maleimide-Based Labeling Strategies. Bioconjugate Chemistry, 2018, 29, 2497-2513.	3.6	138
5	High-Throughput Screening of Enantioselective Catalysts by Immunoassay. Angewandte Chemie - International Edition, 2002, 41, 124-127.	13.8	137
6	Design and Synthesis of Chemiluminescent Probes for the Detection of Cholinesterase Activity. Journal of the American Chemical Society, 2002, 124, 4874-4880.	13.7	135
7	7-Hydroxycoumarinâ^'Hemicyanine Hybrids: A New Class of Far-Red Emitting Fluorogenic Dyes. Organic Letters, 2008, 10, 4175-4178.	4.6	102
8	Thyroid hormone improves postischaemic recovery of function while limiting apoptosis: a new therapeutic approach to support hemodynamics in the setting of ischaemia-reperfusion?. Basic Research in Cardiology, 2009, 104, 69-77.	5.9	94
9	Human butyrylcholinesterase produced in insect cells: huprineâ€based affinity purification and crystal structure. FEBS Journal, 2012, 279, 2905-2916.	4.7	91
10	Azoâ€Based Fluorogenic Probes for Biosensing and Bioimaging: Recent Advances and Upcoming Challenges. Chemistry - an Asian Journal, 2017, 12, 2008-2028.	3.3	90
11	First efficient uncharged reactivators for the dephosphylation of poisoned human acetylcholinesterase. Chemical Communications, 2011, 47, 5295.	4.1	89
12	Waterâ€Soluble Redâ€Emitting Distyrylâ€Borondipyrromethene (BODIPY) Dyes for Biolabeling. Chemistry - A European Journal, 2012, 18, 7229-7242.	3.3	87
13	Novel Water-Soluble Near-Infrared Cyanine Dyes:Â Synthesis, Spectral Properties, and Use in the Preparation of Internally Quenched Fluorescent Probes. Bioconjugate Chemistry, 2007, 18, 1303-1317.	3.6	86
14	Easy Access to Phosphonothioates. Chemistry - A European Journal, 2002, 8, 2910.	3.3	78
15	Design, synthesis and biological evaluation of novel tetrahydroacridine pyridine- aldoxime and -amidoxime hybrids as efficient uncharged reactivators of nerve agent-inhibited human acetylcholinesterase. European Journal of Medicinal Chemistry, 2014, 78, 455-467.	5.5	69
16	Water-solubilisation and bio-conjugation of a red-emitting BODIPY marker. Organic and Biomolecular Chemistry, 2011, 9, 66-69.	2.8	68
17	Lewis Acid Catalyzed Room-Temperature Michaelisâ€"Arbuzov Rearrangement. Angewandte Chemie - International Edition, 2003, 42, 2389-2392.	13.8	66
18	Design, synthesis and evaluation of new Î±-nucleophiles for the hydrolysis ofÂorganophosphorus nerve agents: application to the reactivation ofÂphosphorylated acetylcholinesterase. Tetrahedron, 2011, 67, 6352-6361.	1.9	66

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19	Development of a New Nonpeptidic Self-Immolative Spacer. Application to the Design of Protease Sensing Fluorogenic Probes. Organic Letters, 2008, 10, 1517-1520.	4.6	60
20	Straightforward Access to Protected syn â€…Î±â€Aminoâ€Î²â€hydroxy Acid Derivatives. Angewandte Chemie - International Edition, 2008, 47, 4224-4227.	13.8	59
21	Trimethylsilyl Halide-Promoted Michaelis-Arbuzov Rearrangement. Organic Letters, 2003, 5, 1661-1664.	4.6	58
22	Chemiluminescent Probe for the in Vitro Detection of Protease Activity. Organic Letters, 2007, 9, 4853-4855.	4.6	56
23	A comparative study of the self-immolation of para-aminobenzylalcohol and hemithioaminal-based linkers in the context of protease-sensitive fluorogenic probes. Organic and Biomolecular Chemistry, 2010, 8, 1777.	2.8	54
24	The first latent green fluorophores for the detection of azoreductase activity in bacterial cultures. Chemical Communications, 2013, 49, 8815.	4.1	54
25	Toward antibody-catalyzed hydrolysis of organophosphorus poisons. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 7058-7063.	7.1	53
26	Latent Fluorophores Based on a Self-Immolative Linker Strategy and Suitable for Protease Sensing. Bioconjugate Chemistry, 2008, 19, 1707-1718.	3.6	52
27	A HTS Assay for the Detection of Organophosphorus Nerve Agent Scavengers. Chemistry - A European Journal, 2010, 16, 3510-3523.	3.3	52
28	Phenyltetrahydroisoquinolineâ€“Pyridinaldoxime Conjugates as Efficient Uncharged Reactivators for the Dephosphylation of Inhibited Human Acetylcholinesterase. Journal of Medicinal Chemistry, 2012, 55, 10791-10795.	6.4	52
29	Design, biological evaluation and X-ray crystallography of nanomolar multifunctional ligands targeting simultaneously acetylcholinesterase and glycogen synthase kinase-3. European Journal of Medicinal Chemistry, 2019, 168, 58-77.	5.5	51
30	Potent 3â€Hydroxyâ€2â€Pyridine Aldoxime Reactivators of Organophosphateâ€Inhibited Cholinesterases with Predicted Bloodâ€“Brain Barrier Penetration. Chemistry - A European Journal, 2018, 24, 9675-9691.	3.3	50
31	Postsynthetic Derivatization of Fluorophores with Î±-Sulfo-Î²-alanine Dipeptide Linker. Application to the Preparation of Water-Soluble Cyanine and Rhodamine Dyes. Bioconjugate Chemistry, 2008, 19, 279-289.	3.6	46
32	The first comparative study of the ability of different hydrophilic groups to water-solubilise fluorescent BODIPY dyes. New Journal of Chemistry, 2013, 37, 1016.	2.8	46
33	Syntheses and in vitro evaluations of uncharged reactivators for human acetylcholinesterase inhibited by organophosphorus nerve agents. Chemico-Biological Interactions, 2013, 203, 81-84.	4.0	46
34	Discovery of a Potent Dual Inhibitor of Acetylcholinesterase and Butyrylcholinesterase with Antioxidant Activity that Alleviates Alzheimer-like Pathology in Old APP/PS1 Mice. Journal of Medicinal Chemistry, 2021, 64, 812-839.	6.4	45
35	Structure-Based Optimization of Nonquaternary Reactivators of Acetylcholinesterase Inhibited by Organophosphorus Nerve Agents. Journal of Medicinal Chemistry, 2018, 61, 7630-7639.	6.4	44
36	Synthesis and structureâ€“activity relationship of Huprine derivatives as human acetylcholinesterase inhibitors. Bioorganic and Medicinal Chemistry, 2009, 17, 4523-4536.	3.0	41

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37	Self-cleavable chemiluminescent probes suitable for protease sensing. Organic and Biomolecular Chemistry, 2009, 7, 2941.	2.8	41
38	New insights into the kinetic target-guided synthesis of protein ligands. Chemical Communications, 2015, 51, 12158-12169.	4.1	41
39	A highly sensitive competitive enzyme immunoassay of broad specificity quantifying microcystins and nodularins in water samples. Toxicon, 2009, 53, 551-559.	1.6	40
40	Tryptoline-3-hydroxypyridinaldoxime conjugates as efficient reactivators of phosphylated human acetyl and butyrylcholinesterases. Chemical Communications, 2014, 50, 3947-3950.	4.1	40
41	Controlling Plasma Stability of Hydroxamic Acids: A MedChem Toolbox. Journal of Medicinal Chemistry, 2017, 60, 9067-9089.	6.4	40
42	McMurry intermolecular cross-coupling between an ester and a ketone: scope and limitations. Tetrahedron Letters, 2002, 43, 3645-3648.	1.4	37
43	Bioconjugatable Azoâ€Based Darkâ€Quencher Dyes: Synthesis and Application to Proteaseâ€Activatable Farâ€Red Fluorescent Probes. Chemistry - A European Journal, 2013, 19, 1686-1699.	3.3	37
44	Straightforward Access to Waterâ€Soluble Unsymmetrical Sulfoxanthene Dyes: Application to the Preparation of Farâ€Red Fluorescent Dyes with Large Stokesâ€™ Shifts. Chemistry - A European Journal, 2014, 20, 8330-8337.	3.3	36
45	Aryldithioethyloxycarbonyl (Ardec): A New Family of Amine Protecting Groups Removable under Mild Reducing Conditions and Their Applications to Peptide Synthesis. Chemistry - A European Journal, 2006, 12, 3655-3671.	3.3	34
46	New Huprine Derivatives Functionalized at Positionâ€…9 as Highly Potent Acetylcholinesterase Inhibitors. ChemMedChem, 2011, 6, 876-888.	3.2	34
47	Metal-Free Decarboxylative Hetero-Dielsâ€“Alder Synthesis of 3-Hydroxypyridines: A Rapid Access to N-Fused Bicyclic Hydroxypiperidine Scaffolds. Journal of Organic Chemistry, 2014, 79, 1303-1319.	3.2	34
48	Synthesis and post-synthetic derivatization of a cyanine-based amino acid. Application to the preparation of a novel water-soluble NIR dye. Tetrahedron Letters, 2006, 47, 8279-8284.	1.4	33
49	Optimized access to alkyl thiocyanates. Tetrahedron Letters, 2001, 42, 8479-8481.	1.4	32
50	Synthesis of polysubstituted 3-hydroxypyridines via the revisited hetero-Dielsâ€“Alder reaction of 5-alkoxyoxazoles with dienophiles. Chemical Communications, 2012, 48, 768-770.	4.1	32
51	Water solubilization of xanthene dyes by post-synthetic sulfonation in organic media. Tetrahedron Letters, 2010, 51, 3304-3308.	1.4	31
52	The first metal-free water-soluble cryptophane-111. Chemical Communications, 2011, 47, 9702.	4.1	31
53	A universal and ready-to-use heterotrifunctional cross-linking reagent for facile synthetic access to sophisticated bioconjugates. Organic and Biomolecular Chemistry, 2010, 8, 4329.	2.8	30
54	Huprine Derivatives as Subâ€Nanomolar Human Acetylcholinesterase Inhibitors: From Rational Design to Validation by Xâ€ray Crystallography. ChemMedChem, 2012, 7, 400-405.	3.2	30

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55	The first â€œready-to-useâ€•benzene-based heterotrifunctional cross-linker for multiple bioconjugation. Organic and Biomolecular Chemistry, 2013, 11, 2693.	2.8	30
56	A FRET-based probe for fluorescence sensing of sulfide/sulfite analytes, using a novel long-wavelength water-soluble 7-hydroxycoumarin as reporter fluorophore. Tetrahedron Letters, 2015, 56, 1015-1019.	1.4	30
57	1,3-Dienylboronates in Diels-Alder reactions: Part II1. Tetrahedron: Asymmetry, 1996, 7, 2523-2524.	1.8	29
58	1,3-dienylboronates in diels-alder reaction: Part III. Tetrahedron Letters, 1997, 38, 6589-6590.	1.4	29
59	A novel heterotrifunctional peptide-based cross-linking reagent for facile access to bioconjugates. Applications to peptide fluorescent labelling and immobilisation. Organic and Biomolecular Chemistry, 2008, 6, 3065.	2.8	29
60	Antibody-Catalyzed Decarboxylative Oxidation of Vanillylmandelic Acid. Journal of the American Chemical Society, 1998, 120, 3332-3339.	13.7	28
61	Aminopropargyl derivative of terpyridine-bis(methyl-enamine) tetraacetic acid chelate of europium (Eu) Tj ETQq1 1 0.784314 rgBT /Ov Biomolecular Chemistry, 2006, 4, 4165.	2.8	28
62	Optimized strategies to synthesize Î²-cyclodextrin-oxime conjugates as a new generation of organophosphate scavengers. Organic and Biomolecular Chemistry, 2011, 9, 3026.	2.8	28
63	Synthesis and in vitro evaluation of donepezil-based reactivators and analogues for nerve agent-inhibited human acetylcholinesterase. RSC Advances, 2016, 6, 17929-17940.	3.6	28
64	Combination delivery of two oxime-loaded lipid nanoparticles: Time-dependent additive action for prolonged rat brain protection. Journal of Controlled Release, 2018, 290, 102-111.	9.9	28
65	Increasing Polarity in Tacrine and Huprine Derivatives: Potent Anticholinesterase Agents for the Treatment of Myasthenia Gravis. Molecules, 2018, 23, 634.	3.8	28
66	New insights into the water-solubilisation of fluorophores by post-synthetic â€œclickâ€•and Sonogashira reactions. Organic and Biomolecular Chemistry, 2012, 10, 4330.	2.8	26
67	Azobenzene-caged sulforhodamine dyes: a novel class of â€˜turn-onâ€™ reactive probes for hypoxic tumor cell imaging. Methods and Applications in Fluorescence, 2015, 3, 044004.	2.3	26
68	A selective and sensitive near-infrared fluorescent probe for acetylcholinesterase imaging. Chemical Communications, 2016, 52, 11599-11602.	4.1	26
69	Design and Synthesis of anÎ±,Î±-Difluorophosphinate Hapten for Antibody-Catalyzed Hydrolysis of Organophosphorus Nerve Agents. Chemistry - A European Journal, 2000, 6, 1050-1063.	3.3	25
70	Thermally Controlled Decarboxylative [4 + 2] Cycloaddition between Alkoxyoxazoles and Acrylic Acid: Expedient Access to 3-Hydroxypyridines. Organic Letters, 2013, 15, 2530-2533.	4.6	25
71	Metal-free oxidative ring contraction of benzodiazepinones: an entry to quinoxalinones. Organic and Biomolecular Chemistry, 2017, 15, 3060-3068.	2.8	25
72	Pharmacokinetic Evaluation of Brain Penetrating Morpholine-3-hydroxy-2-pyridine Oxime as an Antidote for Nerve Agent Poisoning. ACS Chemical Neuroscience, 2020, 11, 1072-1084.	3.5	25

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73	Strategies for the selection of catalytic antibodies against organophosphorus nerve agents. Chemico-Biological Interactions, 2013, 203, 196-201.	4.0	24
74	Kondratâ€™eva Ligation: Dielsâ€“Alder-Based Irreversible Reaction for Bioconjugation. Journal of Organic Chemistry, 2014, 79, 10353-10366.	3.2	24
75	A Novel Bio-Orthogonal Cross-Linker for Improved Protein/Protein Interaction Analysis. Analytical Chemistry, 2015, 87, 1853-1860.	6.5	24
76	1,5-Benzodiazepin-2-ones: Investigation of a Family of Photoluminescent Materials. Journal of Organic Chemistry, 2016, 81, 4720-4727.	3.2	24
77	Mono- and Poly-unsaturated Phosphatidic Acid Regulate Distinct Steps of Regulated Exocytosis in Neuroendocrine Cells. Cell Reports, 2020, 32, 108026.	6.4	24
78	Reaction site-driven regioselective synthesis of AChE inhibitors. Organic and Biomolecular Chemistry, 2014, 12, 156-161.	2.8	23
79	Azo-Sulforhodamine Dyes: A Novel Class of Broad Spectrum Dark Quenchers. Organic Letters, 2014, 16, 3946-3949.	4.6	23
80	Palladiumâ€Catalyzed Preparation of Nâ€Alkylated Tacrine and Huprine Compounds. European Journal of Organic Chemistry, 2011, 2011, 302-310.	2.4	22
81	A novel sulfonated prosthetic group for [¹⁸F]-radiolabelling and imparting water solubility of biomolecules and cyanine fluorophores. Organic and Biomolecular Chemistry, 2013, 11, 469-479.	2.8	22
82	A Synthetic Route to 3â€(Heteroaryl)â€7â€hydroxycoumarins Designed for Biosensing Applications. European Journal of Organic Chemistry, 2015, 2015, 166.	2.4	22
83	On the Influence of the Protonation States of Active Site Residues on AChE Reactivation: A QM/MM Approach. ChemBioChem, 2017, 18, 666-675.	2.6	22
84	N-Fmoc-Î±-sulfo-Î²-alanine: a versatile building block for the water solubilisation of chromophores and fluorophores by solid-phase strategy. Organic and Biomolecular Chemistry, 2011, 9, 5337.	2.8	21
85	New insights into the water-solubilization of thiol-sensitive fluorogenic probes based on long-wavelength 7-hydroxycoumarin scaffolds. Dyes and Pigments, 2014, 110, 270-284.	3.7	21
86	First enzymatic hydrolysis/thio-Michael addition cascade route to synthesis of AChE inhibitors. Chemical Communications, 2014, 50, 2043.	4.1	21
87	Photophysical properties of quinoxalin-2(1H)-ones: application in the preparation of an azide-based fluorogenic probe for the detection of hydrogen sulfide. New Journal of Chemistry, 2017, 41, 10432-10437.	2.8	21
88	Universal Dark Quencher Based on â€œClickedâ€•Spectrally Distinct Azo Dyes. Organic Letters, 2013, 15, 6082-6085.	4.6	20
89	An easy method for the determination of active concentrations of cholinesterase reactivators in blood samples: Application to the efficacy assessment of non quaternary reactivators compared to HI-6 and pralidoxime in VX-poisoned mice. Chemico-Biological Interactions, 2017, 267, 11-16.	4.0	20
90	A novel and unusually long-lived chemiluminophore based on the 7-hydroxycoumarin scaffold. Chemical Communications, 2011, 47, 6713.	4.1	19

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91	Straightforward and efficient synthesis of 3-benzyloxy-4-bromopicolinate ester and 3-benzyloxy-5-bromopicolinate ester, common building blocks for pharmaceuticals and agrochemicals. Tetrahedron, 2011, 67, 8757-8762.	1.9	18
92	Improved synthetic pathway for the derivatization of huprine scaffold. Tetrahedron, 2010, 66, 7399-7404.	1.9	17
93	Expeditious Microwave-Assisted Synthesis of 5-Alkoxyoxazoles from Î±-Triflyloxy Esters and Nitriles. Journal of Organic Chemistry, 2012, 77, 8549-8555.	3.2	17
94	Detection of Biothiols with a Fastâ€Responsive and Waterâ€Soluble Pyrazoloneâ€Based Fluorogenic Probe. European Journal of Organic Chemistry, 2018, 2018, 6494-6498.	2.4	16
95	Chromogranin A preferential interaction with Golgi phosphatidic acid induces membrane deformation and contributes to secretory granule biogenesis. FASEB Journal, 2020, 34, 6769-6790.	0.5	16
96	Competitive immunoassay (Cat-EIA), a helpful technique for catalytic antibody detection. Part I. Tetrahedron Letters, 1999, 40, 1887-1890.	1.4	15
97	Competitive immunoassay (Cat-EIA), a helpful technique for catalytic antibody detection. Part II. Tetrahedron Letters, 1999, 40, 1891-1894.	1.4	15
98	Latent fluorophores based on a Mannich cyclisation trigger. Tetrahedron Letters, 2006, 47, 6229-6233.	1.4	15
99	Flow neutralisation of sulfur-containing chemical warfare agents with Oxone: packed bed vs. aqueous solution. Green Chemistry, 2021, 23, 2925-2930.	9.0	15
100	Synthesis of a (+)-anatoxin-a analogue for monoclonal antibodies production. Tetrahedron Letters, 2009, 50, 4554-4557.	1.4	14
101	Synthesis and luminescence properties of new red-shifted absorption lanthanide(iii) chelates suitable for peptide and protein labelling. Organic and Biomolecular Chemistry, 2011, 9, 2357.	2.8	14
102	New 3â€(Heteroaryl)â€2â€iminocoumarinâ€based Borate Complexes: Synthesis, Photophysical Properties, and Rational Functionalization for Biosensing/Biolabeling Applications. Chemistry - A European Journal, 2015, 21, 14589-14601.	3.3	14
103	Immunologically driven antibodies chemical engineering: design and synthesis of a hapten aimed at nerve agent hydrolysis. Tetrahedron Letters, 2005, 46, 6809-6814.	1.4	13
104	Readily functionalizable phosphonium-tagged fluorescent coumarins for enhanced detection of conjugates by mass spectrometry. Organic and Biomolecular Chemistry, 2016, 14, 7777-7791.	2.8	13
105	Tailored Bioorthogonal and Bioconjugate Chemistry: A Source of Inspiration for Developing Kinetic Target-Guided Synthesis Strategies. Bioconjugate Chemistry, 2021, 32, 63-72.	3.6	13
106	A Construction of PolyoxygenatedcisandtransDecalin Systems by an Intramolecular Aldol Reaction. Synlett, 1993, 1993, 163-164.	1.8	12
107	A versatile access to new halogenated 7-azidocoumarins for photoaffinity labeling: Synthesis and photophysical properties. Dyes and Pigments, 2011, 91, 427-434.	3.7	12
108	Synthesis of fluorinated agonist of sphingosine-1-phosphate receptor 1. Bioorganic and Medicinal Chemistry, 2014, 22, 4955-4960.	3.0	11

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109	Fastâ€Responsive Nitrosoâ€Based Turnâ€On Probe for Hydrogen Sulfide. European Journal of Organic Chemistry, 2015, 2015, 7992-7996.	2.4	11
110	Solution and solid-state fluorescence of 2-(2â€²-hydroxyphenyl)-1,5-benzodiazepin-2-one (HBD) borate complexes. RSC Advances, 2016, 6, 86352-86360.	3.6	11
111	5â€Alkoxyoxazole â€“ A Versatile Building Block in (Bio)organic Synthesis. European Journal of Organic Chemistry, 2016, 2016, 3264-3281.	2.4	11
112	PET and SPECT Radiotracers for Alzheimerâ€™s Disease. Current Medicinal Chemistry, 2015, 22, 3278-3304.	2.4	11
113	Design and synthesis of haptens for antibody catalyzed hydrolysis of organophosphorus nerve agents. Tetrahedron Letters, 1999, 40, 281-284.	1.4	10
114	Immunologically driven chemical engineering of antibodies for catalytic activity. Journal of Immunological Methods, 2002, 269, 81-98.	1.4	10
115	Synthesis and reactivity of a bis-sultone cross-linker for peptideconjugation and [18F]-radiolabelling via unusual â€œdouble clickâ€•approach. Organic and Biomolecular Chemistry, 2012, 10, 1068-1078.	2.8	10
116	Rational Design of Latent Fluorophores from Waterâ€Soluble Hydroxyphenyltriazine Dyes Suitable for Lipase Sensing. European Journal of Organic Chemistry, 2015, 2015, 1664-1669.	2.4	10
117	Fluorogenic Behaviour of the Heteroâ€Dielsâ€“Alder Ligation of 5â€Alkoxyoxazoles with Maleimides and their Applications. Chemistry - A European Journal, 2016, 22, 18522-18531.	3.3	10
118	Regioselective synthesis of o-triazolyl-1,5-benzodiazepin-2-ones and o-isoxazolyl-1,5-benzodiazepin-2-ones via copper-catalyzed 1,3-dipolar cycloaddition reactions. Comptes Rendus Chimie, 2017, 20, 747-757.	0.5	10
119	A miniaturized peptidyl-prolyl isomerase enzyme assay. Analytical Biochemistry, 2017, 536, 59-68.	2.4	10
120	Towards the total synthesis of clerodin. Part I.. Tetrahedron Letters, 1991, 32, 5953-5956.	1.4	9
121	Stereoselective access to polyfunctionalized decalins. Tetrahedron Letters, 1994, 35, 6485-6488.	1.4	9
122	Synthesis, Biological Evaluation, and in Vivo Imaging of the first Camptothecinâ€“Fluorescein Conjugate. Bioconjugate Chemistry, 2013, 24, 1119-1133.	3.6	9
123	Straightforward synthesis of bioconjugatable azo dyes. Part 2: Black Hole Quencher-2 (BHQ-2) and BlackBerry Quencher 650 (BBQ-650) scaffolds. Tetrahedron Letters, 2014, 55, 6764-6768.	1.4	9
124	Rapid Synthesis of Unsymmetrical Sulforhodamines Through Nucleophilic Amination of a Monobrominated Sulfoxanthene Dye. European Journal of Organic Chemistry, 2015, 2015, 152-165.	2.4	9
125	Use of an Air-Stable Cu(I)-NHC Catalyst for the Synthesis of Peptidotriazoles. Journal of Organic Chemistry, 2018, 83, 13515-13522.	3.2	9
126	Bifunctional mannosideâ€“glucosinolate glycoconjugates as enzymatically triggered isothiocyanates and FimH ligands. Organic and Biomolecular Chemistry, 2018, 16, 4900-4913.	2.8	9

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127	A New Class of Bi- and Trifunctional Sugar Oximes as Antidotes against Organophosphorus Poisoning. Journal of Medicinal Chemistry, 2022, 65, 4649-4666.	6.4	9
128	Facile and rapid access to linear and truncated microcystin analogues for the implementation of immunoassays. Organic and Biomolecular Chemistry, 2010, 8, 676-690.	2.8	8
129	Synthesis of difluoromethylphosphonamidates by direct addition of amine. Tetrahedron Letters, 2011, 52, 3681-3685.	1.4	8
130	Synthetic Route to Rare Isoindolones Derivatives. European Journal of Organic Chemistry, 2015, 2015, 2450-2456.	2.4	8
131	Reinvestigation of the synthesis of â€œcovalent-assemblyâ€•type probes for fluoride ion detection. Identification of novel 7-(diethylamino)coumarins with aggregation-induced emission properties. Tetrahedron Letters, 2019, 60, 151279.	1.4	8
132	3-Benzoylquinoxalinone as a photoaffinity labelling derivative with fluorogenic properties allowing reaction monitoring under â€œno-washâ€•conditions. Chemical Communications, 2021, 57, 3893-3896.	4.1	8
133	Screening of new huprinesâ€”Inhibitors of acetylcholinesterases by electrospray ionization ion trap mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2012, 70, 1-5.	2.8	7
134	Straightforward synthesis of bioconjugatable azo dyes. Part 1: Black Hole Quencher-1 (BHQ-1) scaffold. Tetrahedron Letters, 2014, 55, 6759-6763.	1.4	7
135	Probing the cholinergic system to understand neurodegenerative diseases. Future Medicinal Chemistry, 2017, 9, 131-133.	2.3	7
136	Fluorophore-Assisted Click Chemistry through Copper(I) Complexation. Biomolecules, 2020, 10, 619.	4.0	7
137	Improved Access to Huprine Derivatives Functionalized at Position 9. European Journal of Organic Chemistry, 2016, 2016, 1337-1343.	2.4	6
138	Functional characterization of multifunctional ligands targeting acetylcholinesterase and alpha 7 nicotinic acetylcholine receptor. Biochemical Pharmacology, 2020, 177, 114010.	4.4	6
139	Synthesis of polyoxygenated decalins: Part III. Tetrahedron: Asymmetry, 1995, 6, 105-106.	1.8	5
140	Detection of Chemicals by a Reporter Immunoassay:Â Application to Fluoride. Analytical Chemistry, 2004, 76, 4286-4291.	6.5	5
141	Biochemical Characterization of a Caspase-3 Far-red Fluorescent Probe for Non-invasive Optical Imaging of Neuronal Apoptosis. Journal of Molecular Neuroscience, 2014, 54, 451-462.	2.3	5
142	Synthesis and photophysical properties of iron-carbonyl complexâ€“coumarin conjugates as potential bimodal IRâ€“fluorescent probes. Tetrahedron Letters, 2016, 57, 4991-4996.	1.4	5
143	Real-time molecular optical micro-imaging of EGFR mutations using a fluorescent erlotinib based tracer. BMC Pulmonary Medicine, 2019, 19, 3.	2.0	5
144	Diverted Natural Lossen-type Rearrangement for Bioconjugation through in Situ Myrosinase-Triggered Isothiocyanate Synthesis. Bioconjugate Chemistry, 2019, 30, 1385-1394.	3.6	5

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145	Soft and effective detoxification of a VX simulant in a nylon 3D printed basic flow reactor. Green Chemistry, 2021, 23, 7522-7527.	9.0	5
146	Radiosynthesis and in vivo evaluation of fluorinated huprine derivates as PET radiotracers of acetylcholinesterase. Nuclear Medicine and Biology, 2013, 40, 554-560.	0.6	4
147	Regioselective Solidâ€Phase Synthesis of Peptide Analogues Containing 3,4â€•or 3,5â€Disubstituted Isoxazole as sâ€cis or sâ€trans Peptide Bond Mimics. European Journal of Organic Chemistry, 2019, 2019, 3134-3141.	2.4	4
148	Maleimide-based metal-free ligation with dienes: a comparative study. Organic and Biomolecular Chemistry, 2020, 18, 3874-3887.	2.8	4
149	Oneâ€Pot Synthesis of Diazirines and ¹⁵N₂â€Diazirines from Ketones, Aldehydes and Derivatives: Development and Mechanistic Insight. Advanced Synthesis and Catalysis, 2021, 363, 4390-4398.	4.3	4
150	Corrigendum to â€œSynthesis and post-synthetic derivatization of a cyanine-based amino acid. Application to the preparation of a novel water-soluble NIR dyeâ€• Tetrahedron Letters, 2007, 48, 501.	1.4	3
151	In VitroandEx VivoEvaluation of Smart Infra-Red Fluorescent Caspase-3 Probes for Molecular Imaging of Cardiovascular Apoptosis. International Journal of Molecular Imaging, 2011, 2011, 1-13.	1.3	3
152	Investigation of tetrazine reactivity towards C-nucleophiles: pyrazolone-based modification of biomolecules. Organic and Biomolecular Chemistry, 2019, 17, 388-396.	2.8	3
153	The use of enzyme immunoassays for the detection of abzymatic activities. Application to an enantioselective thioacetal hydrolysis activity. Journal of Immunological Methods, 2002, 269, 133-145.	1.4	2
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