

# Fabien Robert-Peillard

## List of Publications by Year in descending order

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26  
papers

1,144  
citations

623734

14  
h-index

552781

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g-index

32  
all docs

32  
docs citations

32  
times ranked

1002  
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward a Synthetically Useful Stereoselective C <sup>α</sup> H Amination of Hydrocarbons. <i>Journal of the American Chemical Society</i> , 2008, 130, 343-350.	13.7	352
2	Efficient Diastereoselective Intermolecular Rhodium-Catalyzed C <sup>β</sup> H Amination. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4641-4644.	13.8	241
3	Sulfonimidamides: Efficient Chiral Iminoiodane Precursors for Diastereoselective Copper-Catalyzed Aziridination of Olefins. <i>Organic Letters</i> , 2004, 6, 4503-4505.	4.6	88
4	Diastereoselective rhodium-catalyzed nitrene transfer starting from chiral sulfonimidamide-derived iminoiodanes. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 3484-3487.	1.8	66
5	Catalytic stereoselective alkene aziridination with sulfonimidamides. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 1447-1457.	1.8	45
6	3D-printed lab-on-valve for fluorescent determination of cadmium and lead in water. <i>Talanta</i> , 2018, 183, 201-208.	5.5	44
7	3D-printed flow system for determination of lead in natural waters. <i>Talanta</i> , 2017, 168, 298-302.	5.5	42
8	An Efficient Route to 4/5/6 Polycyclic $\beta$ -Lactams. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 4840-4849.	2.4	28
9	On-line analysis of volatile fatty acids in anaerobic treatment processes. <i>Analytica Chimica Acta</i> , 2010, 668, 74-79.	5.4	27
10	Synthesis and applications of XAD-4-DAN chelate resin for the separation and determination of Se(IV). <i>Reactive and Functional Polymers</i> , 2009, 69, 877-883.	4.1	22
11	Modified 3D-printed device for mercury determination in waters. <i>Analytica Chimica Acta</i> , 2019, 1082, 78-85.	5.4	17
12	Alternative Spectrofluorimetric Determination of Short-Chain Volatile Fatty Acids in Aqueous Samples. <i>Analytical Chemistry</i> , 2009, 81, 3063-3070.	6.5	14
13	Development of a simple fluorescence-based microplate method for the high-throughput analysis of proline in wine samples. <i>Food Chemistry</i> , 2014, 150, 274-279.	8.2	14
14	Fast microplate assay for simultaneous determination of thiols and dissolved sulfides in wastewater. <i>Microchemical Journal</i> , 2017, 132, 205-210.	4.5	12
15	High throughput determination of ammonium and primary amine compounds in environmental and food samples. <i>Microchemical Journal</i> , 2017, 133, 216-221.	4.5	9
16	Sub-ppb mercury detection in real environmental samples with an improved rhodamine-based detection system. <i>Talanta</i> , 2021, 224, 121909.	5.5	9
17	Development of a simple, low-cost and rapid thin-layer chromatography method for the determination of individual volatile fatty acids. <i>Analytical Methods</i> , 2019, 11, 1891-1897.	2.7	8
18	Development of an automated system for the analysis of inorganic chloramines in swimming pools via multi-syringe chromatography and photometric detection with ABTS. <i>Talanta</i> , 2020, 207, 120322.	5.5	8

#	ARTICLE	IF	CITATIONS
19	Î <sup>2</sup> -Hydroxymyristic acid as a chemical marker to detect endotoxins in dialysis water. <i>Analytical Biochemistry</i> , 2015, 470, 71-77.	2.4	7
20	Individual volatile fatty acids determination by chromogenic derivatization coupled to multi-syringe chromatography. <i>Talanta</i> , 2013, 115, 737-743.	5.5	6
21	A highly-sensitive microplate fluorimetric method for the high-throughput determination of nitrate ion in aqueous compost extracts. <i>Microchemical Journal</i> , 2018, 138, 424-429.	4.5	6
22	Simple and ultrasensitive microplate method for spectrofluorimetric determination of trace resorcinol. <i>Microchemical Journal</i> , 2015, 122, 5-9.	4.5	5
23	Inorganic chloramines analysis in water. <i>Comprehensive Analytical Chemistry</i> , 2021, 92, 31-49.	1.3	2
24	Multisyringe Flow Injection Analysis of Tropomyosin Allergens in Shellfish Samples. <i>Molecules</i> , 2021, 26, 5809.	3.8	1
25	Sulfonimidamides: Efficient Chiral Iminoiodane Precursors for Diastereoselective Copper-Catalyzed Arziridination of Olefins.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
26	An Efficient Route to 4/5/6 Polycyclic $\beta$ -Lactams.. <i>ChemInform</i> , 2005, 36, no.	0.0	0