

國立臺灣海洋大學

個人資料表

一、基本資料

中文姓名	Olivier François Xavier DONARD		英文姓名	DONARD Olivier François Xavier (Last Name)(First Name) (Middle Name)			
國籍	法國	籍貫		性別	☒ 男 ☐ 女	出生日期	民國43年 2月 12日
地址	IPREM UMR CNRS 5254 , Hélioparc 64053 Pau (France)						

二、主要學歷

畢/肄業學校	國別	主修學門系所	學位	起訖年月
University of Bordeaux	法國	analytical and environmental chemistry	博士	民國 68年 月 至民國 72年 月 日

三、現職及與專長相關之經歷（按時間先後順序由最近經歷開始填寫）

服務機關	服務部門／系所	職稱	起訖年月
現職： CNRS	Classe Exceptionnelle	Director	
經歷： National Insitute of Standards and Technology		Visting professor Associate Professor N.I.S.T.	2015-2019
Uni. Pau	Institute for Analytical Chemistry and Chemical Physics applied to Environmental and Material Sciences	Sciences Research Director CNRS 0 Classe exceptionnelle level 2	2017
Chalmers University		Visting professor Associate Professor	2013-2015
Uni. Pau	Institute for Analytical Chemistry and Chemical Physics applied to Environmental and Material	Research Director CNRS 0 Classe exceptionnelle level 1	2014
Univ. Pau	Lab. Bioinorganic Analytical Chemsitry for the Environment	Research Director CNRS level 1	2006
DeMonfort University		Visting professor Associate Professor	1989-2005
Univ. Pau	Lab. Bioinorganic Chemistry for the Environment	Research Director CNRS level 2	1995
Univ. Bordeaux	Lab. Photophysic and Molecular Chemistry	Research scientist CNRS level 1	1989
University of Florianopolis		Visting professor Assistant professor	1987
Univ. Bordeaux	Lab. Photophysic and Molecular Chemistry	Research scientist CNRS level 2	1985
University of New Hampshire		Post-Doctal fellow	1983-1985
University of Geneva		Assitant Professor	1983-1983

四、專長請自行填寫與研究方向有關之學門及次領域名稱。

1. 分析化學	2. 環境中微量元素（Hg、Sn、Se 等）的形態	3. 同位素特徵	4. 環境化學
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學術著作目錄

五、學術著作目錄（若篇幅不足請另附同尺寸之紙張繕寫）

1. Improvements in the determination of mercury by cold vapour atomic absorption spectrometry. DONARD O. F.X., PEDEMAY P. (1983) ***Analytica Chimica Acta***, 153, 301-305
2. Enrichment in Hg, Sb, Cd, As on the Azores iceland ridge. GROUSSET F., DONARD O. (1984) ***Geomarine Letters***, 4, 117-124
3. Lead and Zinc in roadside dust from a suburb in Athens (Greece). RAPSOMANIKIS S., DONARD O.F.X. (1985) ***Environmental Technology***, 16, 145-148
4. Behavior of methyltin compounds under simulated estuarine conditions. DONARD O.F.X., WEBER J.H. (1985) ***Environmental Science and Technology***, 19, 1104 -1110
5. Speciation of inorganic tin and alkyltin compounds using electrothermal quartz furnace after hydride generation. DONARD O.F.X., RAPSOMANIKIS S., WEBER J.H. (1986) ***Analytical Chemistry***, 58, 772-777
6. Speciation of lead and methylead ions in water by chromatography/atomic absorption spectrometry after ethylation with sodium tetraethylborate. RAPSOMANIKIS S., DONARD O.F.X., WEBER J.H. (1986) ***Analytical Chemistry***, 58, 35-37
7. Speciation of n-butyltin compounds by atomic absorption spectrometry with an electrothermal quartz furnace after hydride generation. RANDALL L., DONARD O.F.X., WEBER J.H. (1986) ***Analytica Chimica Acta***, 184, 197-203
8. Developments in the speciation of and determination of alkylmetals (Sn,Pb) using volatilization techniques and chromatography / atomic absorption spectroscopy. DONARD O.F.X., RANDALL L., RAPSOMANIKIS S., WEBER J.H. (1986) ***International Journal of Environmental Analytical Chemistry***, 27, 55-67
9. Corrected fluorescence spectra of fulvic acids. Comparison with the UV/visible absorption spectra. DONARD O.F.X., BELIN C., EWALD M. (1987) ***The Science of the Total Environment***, 62, 157-161
10. Methylation of tin (II) and lead (II) in sediments by a carbanions donors. RAPSOMANIKIS S., DONARD O.F.X., WEBER J.H. (1987) ***Applied Organometallic Chemistry***, 1, 115-118
11. Regulation of tin and methyltin compounds by macroalgae (ENTEROMORPHA Sp.) under simulated estuarine conditions. DONARD O.F.X., SHORT F.T., WEBER J.H. (1987) ***Canadian Journal of Fisheries and Aquatic Sciences***, 44, 140-145
12. Volatilization of tin as stannane in model anoxic environment. DONARD O.F.X., WEBER J.H. (1988) ***Nature***, 332, 339-341
13. High sensitivity fluorescence spectroscopy of Mediterranean waters using a conventional or a pulsed laser excitation source. DONARD O.F.X., LAMOTTE M., BELIN C., EWALD M. (1989) ***Marine Chemistry***, 27, 117-139
14. Origin and evaluation of organic matter fluxes in north western Mediterranean sea. CAUWET G., GADEL F., DONARD O.F.X., SOUZA SIERRA M.M., EWALD M. (1990) ***Continental Shelf Research***, 9-11,

15. Variability of butyltin determinations in water and sediment samples from european coastal environments. QUEVAUVILLER Ph., DONARD O.F.X. (1990) **Applied Organometallic Chemistry**, 4, 353-367
16. Organotin stability during storage of marine waters and sediments. QUEVAUVILLER Ph., DONARD O.F.X. (1991) **Fresenius Z. Analytical Chemistry**, 339, 6-14
17. Leaching of organotin compounds from polyvinylchloride (PVC) material. QUEVAUVILLER Ph., BRUCHET A., DONARD O.F.X. (1991) **Applied Organometallic Chemistry**, 5, 125-129
18. The photolysis of colloidal iron and its significance to the oceans. WELLS M., MAYER L.M., DONARD O.F.X., SOUZA SIERRA M.M., ACKELSON S. (1991) **Nature**, 353, 248-250
19. Grain size partitioning of butyltins in coastal and marine sediments. QUEVAUVILLER Ph, ETCHEBER H., RAOUX C., DONARD O.F.X. (1991) **Oceanologica Acta**, SP11, 247-255
20. Simulation of fluorescence variability in estuaries. SOUZA SIERRA M.M., DONARD O.F.X. (1991) **Oceanologica Acta**, 11, 275-284
21. Butyltins in marine waters of the Netherlands in 1988 and 1989. Concentrations and effects. RITSEMA R., LAANE R.W.P.M., DONARD O.F.X. (1991) **Marine Environmental Research**, 32, 243-260
22. Micro and trace analysis. DONARD O.F.X., QUEVAUVILLER Ph. (1992) **Mikrochimica Acta**, 109, 1-3
23. Organometallic compounds in the environment - What have we learned. DONARD O.F.X., MICHEL P. (1992) **Analusis**, 20, M45-M49
24. Hyphenated techniques applied to environmental speciation studies. DONARD O.F.X., MARTIN F.M. (1992) **Trends in Analytical Chemistry**, 11, 17-26
25. Improvement of speciation analysis in environmental matrices. QUEVAUVILLER Ph, DONARD O.F.X., MAIER E.A., GRIEPINK B. (1992) **Mikrochimika Acta**, 109, 160-190
26. Marine particule measurement with a stream-scanning laser system. JANTSCHIK R., NYFFELER E., DONARD O.F.X. (1992) **Marine Geology**, 106, 239-250.
27. Novel methods for derivatization of mercury (II) and methylmercury (II) compounds for analysis. CRAIG P.J., MENNIE D., OSTAH N., DONARD O.F.X., MARTIN F. (1992) **Analyst**, 117, 823-824
28. Occurrence of methylated tin and mercury compounds in mangrove systems. QUEVAUVILLER Ph., DONARD O.F.X., MARTIN F.M., SCHNEIDER J., WASSERMAN J.C. (1992) **Applied Organometallic Chemistry**, 6, 221-227
29. Mass spectroscopic and nuclear magnetic resonance evidence confirming the existence of methyl mercury hydride. CRAIG P.J., MENNIE D., NEEDAM M., OSTAH N., DONARD O.F.X., MARTIN F. (1993) **Journal of Organometallic Chemistry**, 447, 5-8
30. Matrix effects in the determination of butyltins compounds in environmental samples by GC AAS after hydride generation. QUEVAUVILLER Ph, MARTIN F.M., BELIN C., DONARD O.F.X. (1993) **Applied Organometallic Chemistry**, 7, 149-157

31. Tin and organotin speciation during waste water and sewage treatment processes. DONARD O.F.X., QUEVAUVILLER Ph., BRUCHET A. (1993) **Water Research**, 6, 1085-1089
32. Survey of butyltin contamination in Portuguese coastal environments. CORTEZ L., QUEVAUVILLER Ph., MARTIN F., DONARD O.F.X., (1993) **Environmental Pollution**, 82, 57-62
33. Analytical techniques applied to the speciation of selenium in environmental matrices. MUNOZ-OLIVAS R., DONARD O.F.X., CAMARA, C., QUEVAUVILLER Ph. (1994) **Analytica Chimica Acta**, 286, 357-370
34. Interferences generated by organic and inorganic compounds during organotin speciation using hydride generation coupled to cryogenic trapping, gas chromatographic separation and detection by atomic absorption spectrometry. MARTIN F.M., TSENG C.M., BELIN C., QUEVAUVILLIER Ph., DONARD O.F.X. (1994) **Analytica Chimica Acta**, 286, 343-355
35. Interferences mechanisms and reduction during the speciation of organotin compounds by hydride generation, cryoseparation and detection by atomic absorption spectrometry. MARTIN F.M., DONARD O.F.X. (1994) **Journal of Analytical Atomic Spectrometry**, 9, 1143-1151
36. Critical considerations with respect to tin species determination in the environment. QUEVAUVILLER Ph., RITSEMA R., MORABITO R., CHIAVARINI S., DIRKS W., BAYONA J., DONARD O.F.X. (1994) **Applied Organometallic Chemistry**, 8, 541-549
37. On-line speciation of mercury and methylmercury in aqueous samples by chromatography-atomic fluorescence spectrometry after hydride generation. RITSEMA R., DONARD O.F.X. (1994) **Applied Organometallic Chemistry**, 8, 571-575
38. Organotin distribution in a sediment core from Arcachon harbour. QUEVAUVILLER Ph., DONARD O.F.X., ETCHEBER H. (1994) **Environmental Pollution**, 84, 89-92
39. Fluorescence spectroscopy of marine and coastal waters. SOUZA SIERRA M.M., DONARD O.F.X., LAMOTTE M., BELIN C., EWALD M. (1994) **Marine Chemistry**, 47, 127-144
40. Transient lead isotopic signatures in the western European atmosphere. GROUSSET F., QUETEL C., THOMAS B., BUAT MENARD P., DONARD O.F.X., BUCHER A. (1994) **Environmental Sciences and Technology**, 26, 1605-1608
41. Aqueous ethylation of organotin compounds in simple solution for speciation analysis. Comparison with hydride generation. MARTIN F.M., DONARD O.F.X., (1995) **Fresenius J. Analytical Chemistry**, 351, 230-236
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43. Sensitive determination of selenium by flow injection and ICP/MS by hydride generation in the presence of solvents. MUNOZ R., QUETEL C.R., DONARD O.F.X. (1995) **Journal of Analytical Atomic Spectrometry**, 10, 865-870

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48. Anthropogenic versus lithogenic origin of As, Cd, Pb, Sb, Sn, Zn, in the water column particules, the Western Mediterranean Sea. GROUSSET F., QUETEL C., DONARD O.F.X., LAMBERT C.E., THOMAS B., GUILLARD F., MONACO A. (1995) ***Marine Chemistry***, 48, 291-310
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50. Plasma spectrochemistry and molecular information. DONARD O.F.X., LOBINSKI R. (1996) ***Journal of Analytical Atomic Spectrometry***, 15, 181-187
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52. Speciation analysis for organotin compounds in biomaterials after integrated dissolution, extraction and derivatization in a focused microwave field. RODRIGUEZ PEREIRO I., SCHMITT V., SZPUNAR J., DONARD O.F.X., LOBINSKI R. (1996) ***Analytical Chemistry***, 68, 4135-4140
53. Speciation of organic selenium compounds by HPLC-ICP/MS in natural samples. MUNOZ-OLIVAS R., POTIN-GAUTIER M., GILON M., DONARD O.F.X. (1996) ***Journal of Analytical Atomic Spectrometry***, 11, 1171-1176
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- RUIZ J.M., SZPUNAR J., DONARD O.F.X. (1997). *The Science of the Total Environment*, 198, 225-231
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85. Open focused microwave assisted sample preparation for rapid total and metal species determination in environmental samples. TSENG C.M., GARRAUD H., DE DIEGO A., AMOUROUX A., DONARD O.F.X. (1998) **Journal of Automated Chemistry**, 20, 99-108
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