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CORRECTION

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Correction: Adsorption of short-chain perfluoroalkyl acids (PFAAs) from water/wastewater

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Correction for 'Adsorption of short-chain perfluoroalkyl acids (PFAAs) from water/wastewater' by Chi Thanh Vu *et al.*, *Environ. Sci.: Water Res. Technol.*, 2020, **6**, 2958–2972, 10.1039/D0EW00468E.

The authors regret that there are a few errors in Table 1. The correct table is given below.

Table 1 Summary of adsorbents for short-chained PFAA removal

Adsorbents	PFAAs	Adsorption capacity[a] (mmol g^{-1})	Time[a] (hour)	Temp.[b] (°C)	pH	Speed[b] (rpm)	Initial conc.[b] (mM)	Matrix	Adsorbent dosage (g L^{-1})	Ref.[b]
Fe_3O_4/PAC	PFBS	0.21	24	28		180	0.05–0.72	DI	0.14	1
GAC	PFBA	0.08	240	20		30	0.23	DI	0.4	2
	PFBS	0.16					0.17			
GAC	PFBS	0.30	48	22	4.4–5.8	200	0.083–0.83	DI	1.5–15	3
GAC	PFBS	0.33	48	30	7.2	150	0.05–0.5	3 mM phosphate	1	4
Microporous AC	PFHxA	0.75	72	Room	6		0.023–0.695	DI	0.25	5
	PFBS	0.17		temp.			0.018–0.737			
	PFBA	0.24					0.03–0.955			
PAC	GenX	0.79	96	27	4	165	0.06–0.91	DI	0.1	6
GAC										
AER (IRA67)		3.217								
AER (IRA400)		2.78								
BAC	PFHpA	0.18	48	25	4	170	0.11	Perfluorooctanesulfonyl	0.05–1.9	7
	PFHxA	0.06					0.1	fluoride (PFOSF) wastewater		
AER (IRA67)	PFHpA	0.53					0.11		0.05–1.5	
	PFHxA	0.12					0.1			
AER (IRA910)	PFBS	3.41	240	25	6	160	0.17–1.33	DI	0.1	8
	PFBA	2.97					0.23–1.87			
	PFHxA	3.47					0.16–1.27			
AER (A600E)	PFBA	0.09	120	20	7.5		4.67	DI	1	9
	PFBS	0.12					3.33			
AER (A520E)	PFBA	0.14					4.67			
	PFBS	0.18					3.33			
AER (A532E)	PFBA	0.24					4.67			
	PFBS	0.36					3.33			
AER (IRA410)	PFBS	3.40	48	25	3	150	0.67	DI	0.05	10
AER (IRA400)	PFBS	3.50								
ACF	PFHxA	3.18×10^{-5}	6		7	120	0.0032	2 mM NaH_2PO_4 of a mixture	0.05	11
	PFHpA	0.016					0.0027	of PFHxA, PFHpA, PFOA, PFNA, and PFDA		
PANF-PACFs	PFBS	0.38		25	5	180	0.33	DI	0.1	12
SWCNTs	PFBA	0.02	24	25	7	200	2×10^{-5} –	10.01 mM NaCl and 3.08 mM	0.25	13
	PFHxA	0.05					0.4	NaN_3		
	PFBS	0.15								
Poly-SOMS	PFBA	0.028	14	25	6.6	170	0.001–0.009	DI	0.04	14
	PFPeA	0.13					0.001–0.008			

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Table 1 *(continued)*

Adsorbents	PFAAs	Adsorption capacity[a] (mmol g^{-1})	Time[a] (hour)	Temp.[b] (°C)	pH	Speed[b] (rpm)	Initial conc.[b] (mM)	Matrix	Adsorbent dosage (g L^{-1})	Ref.[b]
	PFHxA	0.13					0.0008–0.006			
	PFHpA	0.11					0.0007–0.005			
	PFBS	0.097					0.0008–0.007			
PCMAs	PFBS	0.25	4	25	7	150	0.0017–0.17	1 M NaCl and $CaCl_2$	0.5	15
NH_2-COFs	PFBA	2.71×10^{-4}	0.5	23		460	4.67×10^{-6}	DI (mixture of 13 PFAAs)	0.01	16
	PFHxA	2.64×10^{-4}					3.18×10^{-6}			
	PFHpA	2.47×10^{-4}					2.75×10^{-6}			
	PFBS	2.77×10^{-4}					3.33×10^{-6}			
	GenX	2.76×10^{-4}					3.03×10^{-6}	DI (only GenX)		
CTF	PFHxA	1.2	72	Room temp.	6		0.023–0.695	DI	0.25	5
	PFBS	0.47					0.018–0.737			
	PFBA	0.43					0.03–0.955			
PEGDA/MTAC	PFBA	0.1995	12	Room temp.		150	0.5	DI	2	17
	PFBS	0.1906					0.3715			
	GenX	0.0867					0.193			
PEGDA/13FOMA/MTAC	PFBA	0.158					0.5			
	PFBS	0.1689					0.3715			
	GenX	0.0987					0.193			
Ionic fluorogels (IFs)	PFBA	2.80×10^{-5}	2		6.2	500	4.67×10^{-6}	Settled water from water treatment plant (mixture of 11 PFAAs)	0.1	18
	PFPeA	3.22×10^{-5}					3.79×10^{-6}			
	PFHxA	3.02×10^{-5}					3.18×10^{-6}			
	PFHpA	2.72×10^{-5}					2.75×10^{-6}			
	PFBS	3.27×10^{-5}					3.33×10^{-6}			
	GenX	2.91×10^{-5}					3.03×10^{-6}			
Reduced TFN-CDP	PFBA	3.74×10^{-4}	0.5	23		500	4.67×10^{-6}	DI (mixture of 10 PFAAs)	0.01	19
	PFHxA	2.96×10^{-4}					3.18×10^{-6}			
	PFHpA	2.58×10^{-4}					2.75×10^{-6}			
	PFBS	3.13×10^{-4}					3.33×10^{-6}			
	GenX	2.70×10^{-4}					3.03×10^{-6}			
PACs, GACs, other mineral and biomaterial adsorbents	PFBA		168		7.5	100	4.67×10^{-4}	6 mM phosphate	2.5	20
	PFPeA						3.79×10^{-4}			
	PFHxA						3.18×10^{-4}			
	PFHpA						2.75×10^{-4}			
	PFBS						3.33×10^{-4}			

[a] The adsorption capacity and time summarized here represent the highest capacity and the time needed to achieve such capacity for a specific PFAA using a specific adsorbent under specific conditions as described. Data were reported in the paper or retrieved from the isotherm/kinetics graphs. [b] Abbreviations (temp.: temperature; rpm: round per minute; conc.: concentration; Ref.: References).

The ranges of initial concentrations (mostly in isotherm experiments) were added and the adsorption capacity/adsorbent dosages were corrected. Also, the water matrices of the PFAA adsorption tests were provided. Further, more short-chained PFAAs tested at environmentally relevant concentrations for NH_2-COFs, IFs, and reduced TFN-CDP were included. The table was re-formatted to make it easier to read and the updated reference list is provided with this corrigendum as well.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

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