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Correction

Correction: Zielinski, W., et al. Ionic Liquids as Solvents for Rhodium and Platinum Catalysts Used in Hydrosilylation Reaction. *Molecules* 2016, *21*, 1115

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The authors are sorry to report that the yield of the hydrosilylation reaction in $[P_{44414}][NTf_2]$ (**1**) IL with $[RhCl(PPh_3)_3]$ was replaced with the yield reported for $[P_{44414}][NTf_2]$ (**1**) IL with K_2PtCl_4 in their published paper [1]. Due to this fact, we would like to replace Table 1 and Figure 3, and make four changes in manuscript text to correct this mistake. Due to mislabeling, the following table and figure must be replaced:

1. Former Table 1

Table 1. Yields of hydrosilylation reaction in subsequent cycles for biphasic systems of ionic liquids and catalysts used.

Ionic Liquid	Catalyst	Yields in Subsequent Cycles (%) [1]				
		1	2	3	4	5
$[P_{44414}][NTf_2]$ **1**	K_2PtCl_4	98.45	99.60	98.68	98.71	98.71
	K_2PtCl_6	70.26	58.65	13.09	10.87	9.56
	$Pt(PPh_2)_2Cl_2$	100.00	100.00	100.00	95.25	87.74
	$Pt(PPh_3)_4$	99.82	99.22	99.13	22.40	4.77
	$[RhCl(PPh_3)_3]$	98.34	11.73	6.56	4.53	3.57
	Karstedt	99.27	99.12	98.95	99.19	55.41
$[BuPy][NTf_2]$ **2**	K_2PtCl_4	85.68	2.25	0.39	0.75	3.92
	K_2PtCl_6	86.05	3.42	5.47	10.74	13.58
	$Pt(PPh_2)_2Cl_2$	84.22	2.30	5.23	5.68	6.38
	$Pt(PPh_3)_4$	16.12	14.79	13.14	11.46	11.52
	$[RhCl(PPh_3)_3]$	100.00	12.22	9.56	2.58	8.91
	Karstedt	100.00	80.09	16.02	17.37	9.44
$[BMMIM][NTf_2]$ **3**	K_2PtCl_4	60.26	55.68	15.15	16.75	17.40
	K_2PtCl_6	29.35	28.69	27.45	30.26	33.48
	$Pt(PPh_2)_2Cl_2$	100.00	100.00	86.24	85.84	59.07
	$Pt(PPh_3)_4$	86.39	85.46	84.81	84.52	85.18
	$[RhCl(PPh_3)_3]$	98.99	97.82	98.71	99.27	5.44
	Karstedt	98.30	45.89	35.15	34.05	34.12
$[S_{222}][NTf_2]$ **4**	K_2PtCl_4	86.03	85.17	84.93	86.35	84.41
	K_2PtCl_6	87.80	83.62	86.47	85.03	84.57
	$Pt(PPh_2)_2Cl_2$	85.52	85.43	85.66	85.77	86.30
	$Pt(PPh_3)_4$	90.00	90.00	85.00	72.00	67.00
	$[RhCl(PPh_3)_3]$	94.00	97.00	89.00	62.00	7.00
	Karstedt	86.03	85.17	0.00	0.00	0.00

Table 1. *Cont.*

Ionic Liquid	Catalyst	Yields in Subsequent Cycles (%) [1]				
		1	2	3	4	5
[AllPy][NTf$_2$] 5	K_2PtCl_4	58.00	47.00	14.00	3.00	1.00
	K_2PtCl_6	91.00	66.00	31.00	10.00	1.00
	$Pt(PPh_2)_2Cl_2$	47.00	32.00	23.00	14.00	9.00
	$Pt(PPh_3)_4$	39.00	22.00	13.00	3.00	1.00
	$[RhCl(PPh_3)_3]$	88.00	0.00	0.00	x	x
	Karstedt	97.15	93.70	57.58	6.08	0.00
[diAllMIM][NTf$_2$] 6	K_2PtCl_4	1.00	0.00	0.00	x	x
	K_2PtCl_6	0.00	0.00	0.00	x	x
	$Pt(PPh_2)_2Cl_2$	15.00	11.00	8.00	9.00	2.00
	$Pt(PPh_3)_4$	3.00	3.00	3.00	0.00	0.00
	$[RhCl(PPh_3)_3]$	0.00	0.00	0.00	0.00	0.00
	Karstedt	16.00	9.00	6.00	2.00	0.00
[AlldiMIM][NTf$_2$] 7	K_2PtCl_4	10.00	8.00	2.00	0.00	0.00
	K_2PtCl_6	2.00	5.00	3.00	0.00	0.00
	$Pt(PPh_2)_2Cl_2$	35.00	27.00	20.00	14.00	11.00
	$Pt(PPh_3)_4$	30.00	25.00	19.00	8.00	0.00
	$[RhCl(PPh_3)_3]$	78.00	18.00	2.00	0.00	0.00
	Karstedt	30.00	15.00	8.00	3.00	0.00

[1] Yields color code: green > 90%; blue 70–90%; orange 50–70%; yellow 30–50%; red 0–30%; [P_{44414}][NTf_2] tributyltetradecylphosphonium bis(trifluoromethylsulfonyl)imide; [BuPy][NTf_2] 1-butylpyridinium bis(trifluoromethylsulfonyl)imide; [BMMIM][NTf_2] 1-butyl-2,3-dimethylimidazolium bis(trifluoromethylsulfonyl)imide; [S_{222}][NTf_2] triethylsulfonium bis(trifluoromethylsulfonyl)imide; [AllPy][NTf_2] 1-allylpyridinium bis(trifluoromethylsulfonyl)imide; [diAllMIM][NTf_2] 1,3-diallyl-2-methylimiidazolium bis(trifluoromethylsulfonyl)imide; [AlldiMIM][NTf_2] 1-allyl-2,3-dimethylimidazolium bis(trifluoromethylsulfonyl)imide.

2. New Table 1

Table 1. Yields of hydrosilylation reaction in subsequent cycles for biphasic systems of ionic liquids and catalysts used.

Ionic Liquid	Catalyst	Yields in Subsequent Cycles (%) [1]				
		1	2	3	4	5
[P_{44414}][NTf$_2$] 1	K_2PtCl_4	98.34	11.73	6.56	4.53	3.57
	K_2PtCl_6	70.26	58.65	13.09	10.87	9.56
	$Pt(PPh_3)_2Cl_2$	100.00	100.00	100.00	95.25	87.74
	$Pt(PPh_3)_4$	99.82	99.22	99.13	22.40	4.77
	$[RhCl(PPh_3)_3]$	98.45	99.60	98.68	98.71	98.71
	Karstedt	99.27	99.12	98.95	99.19	55.41
[BuPy][NTf$_2$] 2	K_2PtCl_4	85.68	2.25	0.39	0.75	3.92
	K_2PtCl_6	86.05	3.42	5.47	10.74	13.58
	$Pt(PPh_3)_2Cl_2$	84.22	2.30	5.23	5.68	6.38
	$Pt(PPh_3)_4$	16.12	14.79	13.14	11.46	11.52
	$[RhCl(PPh_3)_3]$	100.00	12.22	9.56	2.58	8.91
	Karstedt	100.00	80.09	16.02	17.37	9.44
[BMMIM][NTf$_2$] 3	K_2PtCl_4	60.26	55.68	15.15	16.75	17.40
	K_2PtCl_6	29.35	28.69	27.45	30.26	33.48
	$Pt(PPh_3)_2Cl_2$	100.00	100.00	86.24	85.84	59.07
	$Pt(PPh_3)_4$	86.39	85.46	84.81	84.52	85.18
	$[RhCl(PPh_3)_3]$	98.99	97.82	98.71	99.27	5.44
	Karstedt	98.30	45.89	35.15	34.05	34.12
[S_{222}][NTf$_2$] 4	K_2PtCl_4	86.03	85.17	84.93	86.35	84.41
	K_2PtCl_6	87.80	83.62	86.47	85.03	84.57
	$Pt(PPh_3)_2Cl_2$	85.52	85.43	85.66	85.77	86.30
	$Pt(PPh_3)_4$	90.00	90.00	85.00	72.00	67.00
	$[RhCl(PPh_3)_3]$	94.00	97.00	89.00	62.00	7.00
	Karstedt	86.03	85.17	0.00	0.00	0.00

Table 1. *Cont.*

Ionic Liquid	Catalyst	Yields in Subsequent Cycles (%) [1]				
		1	2	3	4	5
[AllPy][NTf2] 5	K_2PtCl_4	58.00	47.00	14.00	3.00	1.00
	K_2PtCl_6	91.00	66.00	31.00	10.00	1.00
	$Pt(PPh_2)_2Cl_2$	47.00	32.00	23.00	14.00	9.00
	$Pt(PPh_3)_4$	39.00	22.00	13.00	3.00	1.00
	$[RhCl(PPh_3)_3]$	88.00	0.00	0.00	x	x
	Karstedt	97.15	93.70	57.58	6.08	0.00
[diAllMIM][NTf_2] 6	K_2PtCl_4	1.00	0.00	0.00	x	x
	K_2PtCl_6	0.00	0.00	0.00	x	x
	$Pt(PPh_3)_2Cl_2$	15.00	11.00	8.00	9.00	2.00
	$Pt(PPh_3)_4$	3.00	3.00	3.00	0.00	0.00
	$[RhCl(PPh_3)_3]$	0.00	0.00	0.00	0.00	0.00
	Karstedt	16.00	9.00	6.00	2.00	0.00
[AlldiMIM][NTf_2] 7	K_2PtCl_4	10.00	8.00	2.00	0.00	0.00
	K_2PtCl_6	2.00	5.00	3.00	0.00	0.00
	$Pt(PPh_3)_2Cl_2$	35.00	27.00	20.00	14.00	11.00
	$Pt(PPh_3)_4$	30.00	25.00	19.00	8.00	0.00
	$[RhCl(PPh_3)_3]$	78.00	18.00	2.00	0.00	0.00
	Karstedt	30.00	15.00	8.00	3.00	0.00

[1] Yields color code: green >90%; blue 70–90%; orange 50–70%; yellow 30–50%; red 0–30%; $[P_{44414}][NTf_2]$ tributyltetradecylphosphonium bis(trifluoromethylsulfonyl)imide; $[BuPy][NTf_2]$ 1-butylpyridinium bis(trifluoromethylsulfonyl)imide; $[BMMIM][NTf_2]$ 1-butyl-2,3-dimethylimidazolium bis(trifluoromethylsulfonyl)imide; $[S_{222}][NTf_2]$ triethylsulfonium bis(trifluoromethylsulfonyl)imide; $[AllPy][NTf_2]$ 1-allylpyridinium bis(trifluoromethylsulfonyl)imide; $[diAllMIM][NTf_2]$ 1,3-diallyl-2-methylimiidazolium bis(trifluoromethylsulfonyl)imide; $[AlldiMIM][NTf_2]$ 1-allyl-2,3-dimethylimidazolium bis(trifluoromethylsulfonyl)imide.

3. Former Figure 3

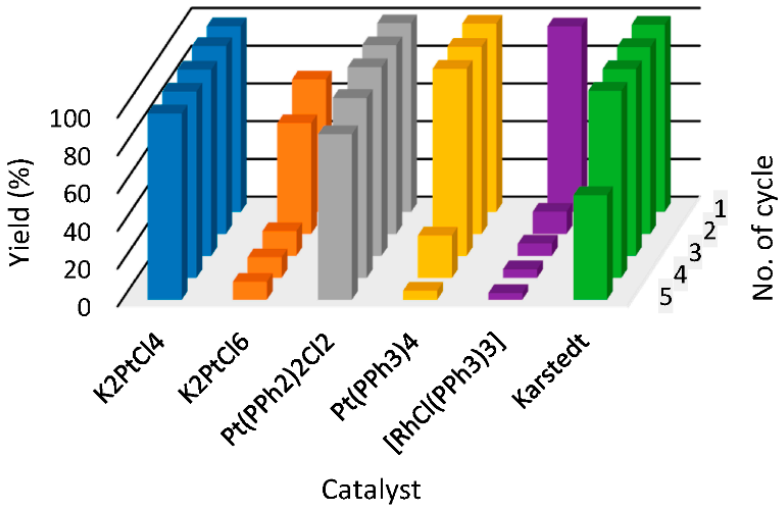

Figure 3. The yields of hydrosilylation reaction carried out in $[P_{44414}][NTf_2]$ (**1**) (tributyltetradecylphosphonium bis(trifluoromethylsulfonyl)imide) in subsequent cycles. Colors refer to different catalysts used in hydrosilylation reaction.

4. New Figure 3

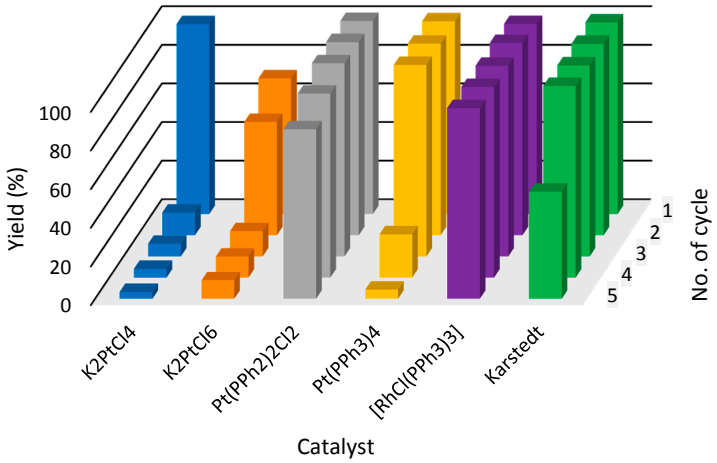

Figure 3. The yields of hydrosilylation reaction carried out in $[P_{44414}][NTf_2]$ (**1**) (tributyltetradecylphosphonium bis(trifluoromethylsulfonyl)imide) in subsequent cycles. Colors refer to different catalysts used in hydrosilylation reaction.

Moreover, there are four mistakes in the article text:

1. On page 3, lines 32–34, the sentence "$[P_{44414}][NTf_2]$ (**1**) IL system shows satisfying yields close to 100% throughout the whole five reaction cycles for catalysts such as K_2PtCl_4, $Pt(PPh_2)_2Cl_2$ and Karstedt catalyst (100% yield up to fourth cycle)" should be replaced with "$[P_{44414}][NTf_2]$ (**1**) IL system shows satisfying yields close to 100% throughout the whole five reaction cycles for catalysts such as $[RhCl(PPh_3)_3]$, $Pt(PPh_3)_2Cl_2$ and Karstedt catalyst (100% yield up to fourth cycle)".
2. On page 3, lines 38 and 39, the sentence "The least effective catalyst for IL (**1**) is rhodium catalyst for which a major drop in yield was observed after the first reaction cycle" should be replaced with "The least effective catalyst for IL (**1**) is platinum catalyst, K_2PtCl_4, for which a major drop in yield was observed after the first reaction cycle".
3. On page 7, lines 10–12, the sentence "[the] most efficient IL systems for hydrosilylation reaction were $[P_{44414}][[NTf_2]$ (**1**)/K_2PtCl_4 and $[P_{44414}][NTf_2]$ (**1**)/$Pt(PPh_2)_2$ for which yields after a fifth cycle were maintained at a level of more than 80%." should be replaced with "The most efficient IL systems for hydrosilylation reaction were $[P_{44414}][[NTf_2]$ (**1**)/$[RhCl(PPh_3)_3]$ and $[P_{44414}][NTf_2]$ (**1**)/$Pt(PPh_3)_4$, for which yields after a fifth cycle were maintained at a level of more than 80%".
4. On page 7, lines 15 and 16, the statement "which in four out of seven tested IL systems shows [an] immediate drop of the catalyst activity when being recycled for the first time." should be replaced with "which in three out of seven tested IL systems shows an immediate drop of the catalyst activity when being recycled for the first time".

The authors would like to apologize for any inconvenience caused to the readers by these changes.

References

1. Zielinski, W.; Kukawka, R.; Maciejewski, H.; Smiglak, M. Ionic Liquids as Solvents for Rhodium and Platinum Catalysts Used in Hydrosilylation Reaction. *Molecules* **2016**, *21*, 1115. [CrossRef] [PubMed]