

Table S1. - Database search results up to 02 March 2021.

Search period	Database	Number of results	Search Strategy
Initial (Database inception to 30 March 2019)	Pubmed®	272	<i>(((dopa*[Title/Abstract] OR catechol[Title/Abstract])) AND (biomaterial OR biopolymer OR scaffold OR matrix OR hydrogel OR device)) AND (modified OR conjugated OR attached OR functionalized OR covalent)) AND (biomimetic OR mussel OR bioinspired OR adhes*)</i>
	Embase®	218	<i>(((dopa*[Title/Abstract] OR catechol[Title/Abstract])) AND (biomaterial OR biopolymer OR scaffold OR matrix OR hydrogel OR device)) AND (modified OR conjugated OR attached OR functionalized OR covalent)) AND (biomimetic OR mussel OR bioinspired OR adhes*)</i>
Revision/Update (01 April 2019 to 02 March 2021)	Pubmed®	126	<i>(((dopa*[Title/Abstract] OR catechol[Title/Abstract])) AND (biomaterial OR biopolymer OR scaffold OR matrix OR hydrogel OR device)) AND (modified OR conjugated OR attached OR functionalized OR covalent)) AND (biomimetic OR mussel OR bioinspired OR adhes*)</i>
	Embase®	82	<i>(((dopa*[Title/Abstract] OR catechol[Title/Abstract])) AND (biomaterial OR biopolymer OR scaffold OR matrix OR hydrogel OR device)) AND (modified OR conjugated OR attached OR functionalized OR covalent)) AND (biomimetic OR mussel OR bioinspired OR adhes*)</i>
Overall (Database inception to 02 March 2021)	Pubmed®	398	<i>(((dopa*[Title/Abstract] OR catechol[Title/Abstract])) AND (biomaterial OR biopolymer OR scaffold OR matrix OR hydrogel OR device)) AND (modified OR conjugated OR attached OR functionalized OR covalent)) AND (biomimetic OR mussel OR bioinspired OR adhes*)</i>
	Embase®	300	<i>(((dopa*[Title/Abstract] OR catechol[Title/Abstract])) AND (biomaterial OR biopolymer OR scaffold OR matrix OR hydrogel OR device)) AND (modified OR conjugated OR attached OR functionalized OR covalent)) AND (biomimetic OR mussel OR bioinspired OR adhes*)</i>