



Figure S1. The similarity in the overlaps between crystallographic (green) and docked (orange) poses, derived from the following examined molecular targets: (a) NADPH oxidase (NO), (b) cytochrome P450 (CP450), (c) lipoxxygenase (LO), (d) myeloperoxidase (MP) and (e) xanthine oxidase (XO) enzymes.

Table S1: Percentage relative intensities of ATR-FTIR spectra bands of the flower samples.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
3200–3300	15.30	31.20			52.10	23.40	12.50	67.50	12.40		23.20	21.20	12.20	12.80		15.50	33.20	12.10	12.80	12.60					
2920-2940	73.20	98.20	33.20	32.10	21.20	82.10	92.10	93.80	98.40		92.10	34.50	99.80	11.20	99.90	93.20	99.40	91.30	10.10	93.20	91.20	92.10		91.20	61.40
1700-1740	92.10		93.20			12.30		10.20	91.20							15.20				54.20			99.20		
1640-1680	21.30	23.20			88.30					21.20						12.50	23.20		99.20					54.30	
1510-1610	23.20	99.80	95.20	101.20	99.80	101.20	99.90	23.40	99.90	100.80	99.90	99.80	93.20	101.20	91.30	99.80	33.20	32.10	32.10	101.20	99.80	99.90	87.20	101.20	99.90
1430–1470	53.20		91.20		83.20	56.40		97.20	72.30														29.20		
1390-1410					12.10		92.30		12.80		69.80	34.20	22.10		34.50	14.20		18.30		99.20			98.20	74.20	91.20
1350-1380				66.10	94.50				12.30	92.10	72.30		31.20										33.20		
1330-1350	99.40	71.20	101.20			93.40		93.20								32.50			33.20			12.40		10.20	
1280-1310		31.20		67.30	100.10				32.30	23.90	19.10							54.20					33.20		
1220-1270				93.20	73.20	22.10	80.20		22.50	93.20			21.20	32.10	33.20	66.20	32.50	11.20	38.70	21.40	53.20	32.10		76.20	83.30
1180-1210	98.20		99.20	12.20	92.10		83.20	99.80	23.40		32.10								12.90	53.20			23.20		
1140-1160	26.40				60.10				32.10	76.20						38.90						11.30			40.20
1090-1110				93.20	99.40		34.50			34.50			15.30							12.70				31.20	
1040-1060	101.30		23.40	52.10	83.20	51.20	33.20		87.70	91.20	95.40	45.20	52.10				65.20	51.20	50.40	71.20	32.10				32.10
1020-1030	33.20	102.10	20.10	18.90	28.20	90.20	98.30	20.20		23.40		97.20	99.20	91.30	33.20	15.10	90.40	81.20	58.30	59.20	90.20	92.40	42.20	99.30	21.40
960-970	18.30				24.60	22.30	67.80		38.30	22.40	55.60	33.80	22.60	43.20	33.40	37.30	35.60	99.80	45.30	18.90	37.20	45.60	28.60	93.20	11.00
840-890	33.20	16.10	38.30	17.80	12.90	44.80	33.20	35.30	33.20	19.20	35.60	56.30	23.20	33.20	45.60	14.60	33.20	81.20	25.60	23.60	33.70	40.20	35.60	37.30	18.20
810-840	57.20	63.20	51.40	71.30	88.10	71.30	91.30	63.20	65.10	92.10	53.20	62.10	21.30	66.10	45.10	39.20	69.10	23.20	41.20	71.40	51.30	52.30	31.20	63.60	38.20
760-810	52.30	52.10	82.10	22.10	23.20	88.30	73.20	89.20	76	32.10	52.10	77.10	52.30	68.40	59.10	63.10	72.10		67.10	69.90	62.10	62.10	18.30	25.20	41.40
680-730					53.20						10.30				52.10			25.60	15.30						