



Nanosurface Texturing for Enhancing the Antibacterial Effect of Biodegradable Metal Zinc: Surface Modifications

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Table S1. Peak analysis data for XRD of pure untreated, 5% etched, and 15 etched Zn.

	Pur	5%	15%	Pur	5%	15%	Pur	5%	15%	Pur	5%	15%	Pur	5%	15%
	e	etche	etche	e	etche	etche	e	etche	etche	e	etche	etche	e	etche	etche
	Zn	d Zn	d Zn	Zn	d Zn	d Zn	Zn	d Zn	d Zn	Zn	d Zn	d Zn	Zn	d Zn	d Zn
2θ															
(°)		d (Å)			I			h			K			I	
36.3	2.4														
7	7	2.47	2.47	392	392	391	0	0	0	0	0	0	2	2	2
39.0	2.3														
8	0	2.30	2.31	236	235	234	1	1	1	0	1	0	0	0	0
43.3	2.0			100											
2	9	2.09	2.09	0	1000	1000	1	1	1	0	1	0	1	1	1
54.4	1.6														
4	8	1.68	1.69	146	146	146	1	1	1	0	1	0	2	2	2
70.2	1.3														
4	4	1.34	1.34	157	156	155	1	1	1	0	0	0	3	3	3

70.8	1.3														
0	3	1.33	1.33	102	101	101	1	1	1	1	1	1	0	0	0
77.2	1.2														
3	3	1.23	1.24	24	24	24	0	0	0	0	1	0	4	4	4
82.2	1.1														
9	7	1.17	1.17	110	109	110	1	1	1	1	0	1	2	2	2
83.9	1.1														
7	5	1.15	1.15	13	13	13	2	2	2	0	0	0	0	0	0
86.7	1.1														
6	2	1.12	1.12	67	66	66	2	2	2	0	0	0	1	1	1
90.1	1.0														
6	9	1.09	1.09	19	19	19	1	1	1	0	0	0	4	4	4
95.1	1.0														
4	4	1.04	1.04	16	16	16	2	2	2	0	0	0	2	2	2