

Ji Hoon Park

List of Publications by Year in descending order

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14
papers

1,030
citations

687363

13
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

1430
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation mechanism of hydroxyl radical species and its lifetime prediction during the plasma-initiated ultraviolet (UV) photolysis. <i>Scientific Reports</i> , 2015, 5, 9332.	3.3	367
2	Bacterial inactivation by plasma treated water enhanced by reactive nitrogen species. <i>Scientific Reports</i> , 2018, 8, 11268.	3.3	101
3	Influence of reactive species on the modification of biomolecules generated from the soft plasma. <i>Scientific Reports</i> , 2015, 5, 8221.	3.3	100
4	The action of microsecond-pulsed plasma-activated media on the inactivation of human lung cancer cells. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 115401.	2.8	74
5	A comparative study for the inactivation of multidrug resistance bacteria using dielectric barrier discharge and nano-second pulsed plasma. <i>Scientific Reports</i> , 2015, 5, 13849.	3.3	73
6	Mechanism and comparison of needle-type non-thermal direct and indirect atmospheric pressure plasma jets on the degradation of dyes. <i>Scientific Reports</i> , 2016, 6, 34419.	3.3	71
7	Structural and functional analysis of lysozyme after treatment with dielectric barrier discharge plasma and atmospheric pressure plasma jet. <i>Scientific Reports</i> , 2017, 7, 1027.	3.3	51
8	Impact of Gamma rays and DBD plasma treatments on wastewater treatment. <i>Scientific Reports</i> , 2018, 8, 2926.	3.3	49
9	Variation in structure of proteins by adjusting reactive oxygen and nitrogen species generated from dielectric barrier discharge jet. <i>Scientific Reports</i> , 2016, 6, 35883.	3.3	40
10	Influence of plasma-activated compounds on melanogenesis and tyrosinase activity. <i>Scientific Reports</i> , 2016, 6, 21779.	3.3	35
11	How Does Plasma Activated Media Treatment Differ From Direct Cold Plasma Treatment?. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018, 18, 805-814.	1.7	32
12	Interaction studies of carbon nanomaterials and plasma activated carbon nanomaterials solution with telomere binding protein. <i>Scientific Reports</i> , 2017, 7, 2636.	3.3	17
13	Effect of nanosecond-pulsed plasma on the structural modification of biomolecules. <i>RSC Advances</i> , 2015, 5, 47300-47308.	3.6	13
14	Influence of nanosecond pulsed plasma on the non-enzymatic pathway for the generation of nitric oxide from L-arginine and the modification of graphite oxide to increase the solar cell efficiency. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 18375.	2.8	7