Victor N Vasilets

List of Publications by Year
in descending order

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Version: 2024-02-01

22	3,028	687363 13	713466 21
papers	citations	h-index	g-index

23	23	23	2735
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Review of clinical applications of nitric oxide-containing air-plasma gas flow generated by Plason device. Clinical Plasma Medicine, 2020, 19-20, 100112.	3.2	5
2	Dose-dependent effect of plasma-chemical NO-containing gas flow on wound healing. An experimental study. Clinical Plasma Medicine, 2020, 19-20, 100101.	3.2	11
3	Polymer composites prepared by low-temperature post-irradiation polymerization of C₂F₄ in the presence of graphene-like material: synthesis and characterization. RSC Advances, 2015, 5, 9865-9874.	3.6	20
4	Air plasma-generated nitric oxide in treatment of skin scars and articular musculoskeletal disorders: Preliminary review of observations. Clinical Plasma Medicine, 2015, 3, 32-39.	3.2	23
5	Nitric Oxide Plasma Sources for Bio-Decontamination and Plasma Therapy. NATO Science for Peace and Security Series A: Chemistry and Biology, 2012, , 393-402.	0.5	10
6	A Comparative Massâ€Spectrometric Study of Plasmaâ€and Vacuum Ultraviolet Ablation of Selected Polymers. Plasma Processes and Polymers, 2010, 7, 431-444.	3.0	22
7	Inactivation of Bacteria in Flight by Direct Exposure to Nonthermal Plasma. IEEE Transactions on Plasma Science, 2010, 38, 3234-3240.	1.3	46
8	Structure and properties of fullerite C₆₀ intercalated with CH₂F₂. Physica Status Solidi - Rapid Research Letters, 2009, 3, 43-45.	2.4	1
9	Heating Effect of Dielectric Barrier Discharges for Direct Medical Treatment. IEEE Transactions on Plasma Science, 2009, 37, 113-120.	1.3	48
10	Effect of Dielectric Barrier Discharge Plasma on the Attachment and Proliferation of Osteoblasts Cultured over Poly(Îµâ€caprolactone) Scaffolds. Plasma Processes and Polymers, 2008, 5, 58-66.	3.0	86
11	Applied Plasma Medicine. Plasma Processes and Polymers, 2008, 5, 503-533.	3.0	1,790
12	Plasma and vacuum ultrviolet assisted engineering of medical polymers. , 2008, , .		0
13	Functionalization of Polymers using N₂ Pulsed Dielectric Barrier Dicharge. , 2007, , .		0
14	Rapid Inactivation of Airborne Bacteria Using Atmospheric Pressure Dielectric Barrier Grating Discharge. IEEE Transactions on Plasma Science, 2007, 35, 1501-1510.	1.3	116
15	Mechanism of Blood Coagulation by Nonthermal Atmospheric Pressure Dielectric Barrier Discharge Plasma. IEEE Transactions on Plasma Science, 2007, 35, 1559-1566.	1.3	270
16	Comparison of Direct and Indirect Effects of Non-Thermal Atmospheric-Pressure Plasma on Bacteria. Plasma Processes and Polymers, 2007, 4, 370-375.	3.0	487
17	Mechanism of Blood Coagulation by Non-Thermal Atmospheric Pressure Dielectric Barrier Discharge Plasma.. Blood, 2007, 110, 3162-3162.	1.4	3
18	Liquid Crystal Polymer Brush with Hydrogen Bonds:Â Structure and Orientation Behavior. Macromolecules, 2004, 37, 3685-3688.	4.8	14

#	Article	IF	Citations
19	Orientational order of a nematic polymer grafted on polytetrafluoroethylene. Polymers for Advanced Technologies, 2000, 11, 330-333.	3.2	4
20	Surface oxidation of cellulose fibers by vacuum ultraviolet irradiation. Journal of Polymer Science Part A, 1999, 37, 357-361.	2.3	33
21	Influence of crosslinking conditions on the phase behavior of a polyacrylate-based liquid-crystalline elastomer. Macromolecular Rapid Communications, 1996, 17, 43-49.	3.9	21
22	Sandwich Structure Containing Liquid Crystal Polymer Grafted on Polymer Support. Polymers for Advanced Technologies, 1996, 7, 173-176.	3.2	12