

Nikolay G Dimov

List of Publications by Year in descending order

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20
papers

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1170033

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docs citations

21
times ranked

694
citing authors

#	ARTICLE	IF	CITATIONS
1	Prostate cancer and microfluids. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2021, 39, 455-470.	0.8	6
2	Characterisation of osteogenic and vascular responses of hMSCs to Ti-Co doped phosphate glass microspheres using a microfluidic perfusion platform. <i>Journal of Tissue Engineering</i> , 2020, 11, 204173142095471.	2.3	16
3	Electrowetting-based Digital Microfluidics Platform for Automated Enzyme-linked Immunosorbent Assay. <i>Journal of Visualized Experiments</i> , 2020, , .	0.2	7
4	Possible mechanisms of CO ₂ reduction by H ₂ via prebiotic vectorial electrochemistry. <i>Interface Focus</i> , 2019, 9, 20190073.	1.5	21
5	Simplified immobilisation method for histidine-tagged enzymes in poly(methyl methacrylate) microfluidic devices. <i>New Biotechnology</i> , 2018, 47, 31-38.	2.4	27
6	Formation and purification of tailored liposomes for drug delivery using a module-based micro continuous-flow system. <i>Scientific Reports</i> , 2017, 7, 12045.	1.6	109
7	Development of an on-disc isothermal in vitro amplification and detection of bacterial RNA. <i>Sensors and Actuators B: Chemical</i> , 2017, 239, 235-242.	4.0	27
8	Manufacturing Methods Overview for Rapid Prototyping. , 2016, , 85-102.		1
9	Solvent-selective routing for centrifugally automated solid-phase purification of RNA. <i>Microfluidics and Nanofluidics</i> , 2015, 18, 859-871.	1.0	11
10	Paper imbibition for timing of multi-step liquid handling protocols on event-triggered centrifugal microfluidic lab-on-a-disc platforms. <i>RSC Advances</i> , 2015, 5, 1818-1826.	1.7	44
11	Characterisation of an Adhesive-free Packaging System for Polymeric Microfluidic Biochemical Devices and Reactors. <i>Chemical and Biochemical Engineering Quarterly</i> , 2014, 28, 189-202.	0.5	6
12	Event-triggered logical flow control for comprehensive process integration of multi-step assays on centrifugal microfluidic platforms. <i>Lab on A Chip</i> , 2014, 14, 2249-2258.	3.1	81
13	Centrifugally automated solid-phase purification of RNA. , 2014, , .		8
14	Automated on-disc total RNA extraction from whole blood towards point-of-care for early stage diagnostics. , 2013, , .		1
15	Multi-stage, solvent-controlled routing for automated on-disc extraction of total RNA from breast cancer cell line homogenate. , 2013, , .		2
16	Mimicking insect signaling: Artificial gland for biosynthesis and release of semiochemicals for communication. , 2012, , .		1
17	Mimicking Insect Communication: Release and Detection of Pheromone, Biosynthesized by an Alcohol Acetyl Transferase Immobilized in a Microreactor. <i>PLoS ONE</i> , 2012, 7, e47751.	1.1	10
18	Pheromone synthesis in a biomicroreactor coated with anti-adsorption polyelectrolyte multilayer. <i>Biomicrofluidics</i> , 2011, 5, 034102.	1.2	7

#	ARTICLE	IF	CITATIONS
19	A Chemoemitter System Mimicking Chemical Communication in Insects. Procedia Computer Science, 2011, 7, 142-143.	1.2	1
20	Biomimetic insect infochemical communication system. , 2009, , .		14