

Rik Verplancke

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

117
citations

1477746

6
h-index

1473754

9
g-index

10
all docs

10
docs citations

10
times ranked

193
citing authors

#	ARTICLE	IF	CITATIONS
1	An Electrochemical Biosensor Based on AuNP-Modified Gold Electrodes for Selective Determination of Serum Levels of Osteocalcin. IEEE Sensors Journal, 2017, 17, 3367-3374.	2.4	21
2	Microfabrication of a spherically curved liquid crystal display enabling the integration in a smart contact lens. Displays, 2017, 49, 16-25.	2.0	20
3	Rapid prototyping of microfluidic chips using laser-cut double-sided tape for electrochemical biosensors. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2017, 39, 1469-1477.	0.8	16
4	Development of an active high-density transverse intrafascicular micro-electrode probe. Journal of Micromechanics and Microengineering, 2020, 30, 015010.	1.5	13
5	Intraneural active probe for bidirectional peripheral nerve interface. , 2017, , .		11
6	A Multiplexed Microfluidic Platform for Bone Marker Measurement: A Proof-of-Concept. Micromachines, 2017, 8, 133.	1.4	11
7	PIXAPP Photonics Packaging Pilot Line â€“ Development of a Silicon Photonic Optical Transceiver With Pluggable Fiber Connectivity. IEEE Journal of Selected Topics in Quantum Electronics, 2022, 28, 1-11.	1.9	9
8	Technological Challenges in the Development of Optogenetic Closed-Loop Therapy Approaches in Epilepsy and Related Network Disorders of the Brain. Micromachines, 2021, 12, 38.	1.4	8
9	Ex Vivo Generation and Characterization of Human Hyaline and Elastic Cartilaginous Microtissues for Tissue Engineering Applications. Biomedicines, 2021, 9, 292.	1.4	4
10	Electrically-driven handling of gametes and embryos: taking a step towards the future of ARTs. Lab on A Chip, 2022, 22, 1852-1875.	3.1	4