

Monika Saumer

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Microstructured Multilevel Bacterial Cellulose Allows the Guided Growth of Neural Stem Cells. <i>Small</i> , 2016, 12, 5407-5413.	10.0	38
2	Poly(4-vinylaniline)/Polyaniline Bilayer-Functionalized Bacterial Cellulose for Flexible Electrochemical Biosensors. <i>Langmuir</i> , 2019, 35, 10354-10366.	3.5	32
3	Silk sericin-enhanced microstructured bacterial cellulose as tissue engineering scaffold towards prospective gut repair. <i>Materials Science and Engineering C</i> , 2019, 102, 502-510.	7.3	32
4	Biomimetic Nanostructures Fabricated by Nanoimprint Lithography for Improved Cell-Cell Coupling. <i>Advanced Functional Materials</i> , 2020, 30, 2004227.	14.9	23
5	Poly(4-vinylaniline)/polyaniline bilayer functionalized bacterial cellulose membranes as bioelectronics interfaces. <i>Carbohydrate Polymers</i> , 2019, 204, 190-201.	10.2	21
6	3D Nanostructured Multielectrode Arrays: Fabrication, Electrochemical Characterization, and Evaluation of Cell-Electrode Adhesion. <i>Advanced Materials Technologies</i> , 2019, 4, 1800436.	5.8	20
7	Carbon Nanotube-Reinforced Poly(4-vinylaniline)/Polyaniline Bilayer-Grafted Bacterial Cellulose for Bioelectronic Applications. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 2160-2172.	5.2	19
8	Nanocrystalline electroplated Ni ₃ F ₂ -based alloys for integrated magnetic microsensors. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2013, 210, 853-858.	1.8	11
9	Challenges and Opportunities of Tip-Enhanced Raman Spectroscopy in Liquids. <i>Journal of Physical Chemistry C</i> , 2021, 125, 21321-21340.	3.1	11
10	Surface quality and biocompatibility of porous hydroxyapatite scaffolds for bone tissue engineering. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2013, 210, 957-963.	1.8	5
11	Electrochemical Deposition of CoP and CoNiP as Hard Magnetic Scales in a Position Measurement System. <i>Metals</i> , 2022, 12, 235.	2.3	3
12	Fabrication of micro-structured tools for the production of curved metal surfaces by pulsed electrochemical machining. <i>International Journal of Advanced Manufacturing Technology</i> , 2022, 119, 2825-2833.	3.0	2
13	Surface states by grinding thin strips of electrochemically deposited nanocrystalline nickel-iron. <i>Materialprüfung/Materials Testing</i> , 2022, 64, 903-931.	2.2	1
14	Low coercivity NiFeMo thick films for wafer-level fabrication of magnetic microsensors. , 2016, , .		0
15	Fabrication of a High Precision Magnetic Position Sensor Based on a Through Silicon Via First Approach. , 2018, , .		0