

Journale, die für kumulative Dissertationen anerkannt werden

Update 3.12.18 (rot = Input INATECH/SSE)

Name des Journals	Verlag	Impact Factor
Allgemein		
Nature alle Journals	NPG	
Science	AAAS	34,66
Science Advances	AAAS	
PNAS	US NAS	9,4
Future Microbiology	Future Medicine	3,63
Scientific Reports	Springer Nature	5,2
Int. J. Mol. Sci.	MDPI	3,2
Nature Communications	NPG	12,35
Journal of Applied Geodesy	De Gruyter	
Mikrosystemtechnik allgemein		
Journal of Micro Electro Mechanical Systems	IEEE	1,94
Journal of Micromechanics and Microengineering	IOP	1,77
Sensors and Actuators A	Elsevier	2,20
Sensors and Actuators B	Elsevier	4,76
Microsystems & Nanoengineering	NPG	
Microfluidics and Nanofluidics	Springer	2,53
Micromachines	Springer	1,86
Biosensors and Bioelectronics	Elsevier	
Measurement Science and Technology	IOPscience	1,49
Microsystem Technologies	Springer	0,97
Microelectronic Engineering	Elsevier	1,28
Lab on a Chip, Microsystems for the Life Sciences		
Lab on a Chip	RSC	5,59
Biomicrofluidics	AIP	2,7
Biomolecular Detection and Quantification	Elsevier	
Analytical Methods	RSC Publishing	1,91
BioTechniques	Informa BioSciences	2,95
PLOS ONE	Public Library of Science	4,41
Analytical Biochemistry	Elsevier	2,2
Analyst	RSC	4,03
Biomedical Microdevices	Springer	2,2
Anal. Methods	RSC	1,9
Mol. Cell Proteomics	American Society for	5,9
Journal of Laboratory Automation	SAGE	
Microchim Acta	Springer	4,06

Drug Discovery Today	Elsevier	
Advanced Interfaces and Materials	ACS	7,1
Biomaterials	Elsevier	8,387
Acta Biomaterialia	Elsevier	6,008
Journal of Neural Engineering	IOP	3,3
Nature Methods		
Biophysical Journal		
ELife		

Optik

Optics Express	OSA	3,15
Optics Letters	OSA	3,04
Applied Optics	OSA	1,6
Journal of Lightwave Technology	IEEE	2,57
Light: Science and Applications	NPG	13,6
Optical Engineering	SPIE	
Biomedical Optics Express	OSA	
Photonics Technology Letters	IEEE	
Journal of Optics	IOP	
Journal of the Optical Society of America	OSA	
Journal of Biomedical Optics	SPIE	
Nature Photonics	NPG	
Optica	OSA	
Laser and Photonics Reviews	Wiley	
Applied Physics B	Springer	
ACS Photonics	ACS	5,4
Laser Physics Letters	IOP Publishing	2,2

Physik und Chemie

Physical Review Letters	APS	7,65
Physical Review A, B, C, D, E, X, Applied, Fluids, Materials (APS	
Applied Physics Letters	AIP	3,29
Journal of Applied Physics	AIP	2,1
Angewandte Chemie	Wiley	11,7
Journal of Physics: Condensed Matter	IOP	2,2
Journal of Statistical Mechanics: Theory and Experiment	IOP	2,4
Journal of the American Chemical Society	ACS	13
Journal of Physical Chemistry Letters, A, B, C	ACS	
Journal of Chemical Physics	AIP	2,9
Journal of Power Sources	Elsevier	6,2
Journal of Computational Physics	Elsevier	2,4
Computer Physics Communications	Elsevier	3,3
Journal of Chemical Theory and Computation	ACS	5,3
Langmuir	ACS	4
Analytical Chemistry	ACS	
Analytica Chimica Acta	Elsevier	4,51
Chemical Society Reviews	RSC	34,09
Journal of Materials Chemistry A	RSC	8,26
Anal Bioanal Chem	Springer	4
Clinical Chemistry	Thieme	2,5
Soft Matter		

Journal of Physical Chemistry C	ACS	4,51
Europhysics Letters	IOP	1,83
New Journal of Physics	IOP	3,58
Ultrasonics	Elsevier	2,37

Elektrotechnik, Systemtheorie und Mikroelektronik

IEEE Transactions (alle)	IEEE	
ASME Journals (alle)	ASME	
Mechatronics	Elsevier	
SIAM Journals (alle)	SIAM	
Mathematical Programming	Springer	
European Journal of Control	Elsevier	
Journal of Process Control	Elsevier	
IFAC Journals (alle)	Elsevier	
Journal of Solid-State Circuits	IEEE	3,30
Signal Processing	Elsevier BV	0,94

Energy

ACS Energy Letters	ACS Publications	
Applied Energy	Elsevier	5,75
Int. J. of Hydrogen Energy	Elsevier	
Electrochemical Communucations	Elsevier	
RSC Advances	RSC Publishing	3,29
ChemElectroChem	Wiley VCH	3,5
Electrochimica Acta	Elsevier	
Fuel Cells	Wiley VCH	2,08
Bioresource Technology	Elsevier	4,9
Advanced Energy Materials	Wiley VCH	15,23
Energy Procedia	Elsevier	
ChemSusChem	Wiley	7,11
J. Electrochem. Soc.	Electrochem. Soc.	
Journal of Power Sources	Elsevier	6,33
International Journal of Molecular Science	MDPI	3,26
J. Chem. Eng. Data	ACS Publications	1,84
ECS Electrochemistry Letters	The Electrochemical	1,79
International Journal of Electrochemical Science	ESG	1,69
Solar Energy	Elsevier	4,38
Progress in Photovoltaics	Wiley	6,46
IEEE Journal of Photovoltaics	IEEE	5,02
Solar Energy Materials and Solar Cells	Elsevier	3,08
Energy & Enviromental Science	Royal Soc Chemistry	30,06
Renewable & Sustainable Energy Reviews	Elsevier	9,18
Energy Economics	Elsevier	3,91
Energy Policy	Elsevier	4,04
Energy	Elsevier	4,97
Energies	MDPI	2,68
International Journal of Electrical Power & Energy Systems	Elsevier	3,61
Electric Power Systems Research	Elsevier	2,86
Energy Strategy Reviews	Elsevier	2,16
IET Renewable Power Generation	IET	3,49
Renewable Energy	Elsevier	4,90
Wind Energy	Wiley	2,94

Materialien

Advanced Materials (alle)	Wiley	
Smart Materials and Structures	IOP	2,77
ACS Applied Materials & Interfaces	ACS	7,1
Acta Materialia	Elsevier	5,5
Scripta Materialia	Elsevier	3,2
Philosophical Magazine	Taylor & Francis	1,6
Chemistry of Materials	ACS	9,4
Nano Letters	ACS	13,8
ACS Nano	ACS	13,3
Carbon	Elsevier	6,2
Modelling and Simulation in Materials Science and Engine	IOP	2,2
Nanotechnology	IOP	3,6
Materials Characterization	Elsevier	
Journal of Applied Polymer Science	Wiley	1,87
IEEE Sensors Journal	IEEE Sensors Council	1,89
Optical Materials Express	OSA	
Polymers for Advanced Technologies	Wiley	1,82
Ceramics International	Elsevier	2,76
Materials	MDPI	2,73
Surface and Interface Analysis	Wiley	1,08
Journal of Material Science	Springer	2,30
Materials and Design	Elsevier	4,75
Materials Science and Engineering A	Elsevier	3,48
Internat. Journal of Fatigue	Elsevier	3,25
Composite Science and Technology	Elsevier	5,20
Composite Structures	Elsevier	4,45
Composites Part A	Elsevier	4,48
Composites Part B	Elsevier	4,86
Journal of Microscopy	Wiley	1,69
Materials Letters	Elsevier	2,45
Materials Today (alle)	Elsevier	24,97
Metallurgical and Materials Transactions A	Springer	1,89
Polymer	Elsevier	3,64
International Journal of Impact Engineering	Elsevier	3,70
International Journal of Molecular Science	MDPI	3,69

Neuro Engineering

Journal Neural Engineering	IOP	3,3
IEEE Trans Biomed Eng	IEEE	
IEEE Trans Neural Systems Rehab Eng	IEEE	
Biomaterials	Elsevier	8,3
Acta Biomaterialia	Elsevier	6

Maschinenbau

Tribology Letters	Springer	1,75
Journal of Turbomachinery	American Society of Mechanical Engineers	2,45
Journal of Materials Processing Technology	Elsevier	3,82
Internat. Journal of Engineering Science	Elsevier	5,43

Atmospheric Research / LiDAR

Reviews of Geophysics	Wiley-Blackwell	13,53
Journal of Atmospheric and Oceanic Technology	American Meteorological Society	2,12
Atmospheric Measurement Techniques	Copernicus	3,24
Review of Scientific Instruments	American Institute of Physics	1,43
Geophysical Research Letters	American Geophysical Union	4,25
Journal of Applied Meteorology and Climatology	American Meteorological Society	2,26
Boundary-Layer Meteorology	Springer	2,57

Computer Science

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